

Schedule

Summer 2019

Education That Works • www.clackamas.edu



**Summer Term Classes
Begin June 24**
— See page 6

**CCC makes dollars
and cents**
— See page 94



GET INTO HEAVY METALS



Clackamas
Community College

WELDING • INDUSTRIAL TECHNOLOGY • AUTOMOTIVE



Now is the perfect time to enroll at Clackamas Community College. Take advantage of the summer months to jumpstart your college education, continue your momentum or make up a few extra credits.

Whether you are a new student or a returning student, CCC offers core courses year-round so you can complete your education on time and on budget. Summer classes are offered in a condensed format, and you can complete entire sequences of science and foreign language in just three months. Many classes are offered online, allowing you to complete coursework around your schedule.

Students at all stages of their lives and careers find the programs and classes they need at Clackamas Community College. With small class sizes and instructors with real-world experience, you will gain an Education That Works.

President Tim Cook

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3 CONVENIENT CAMPUSES

Oregon City

19600 Molalla Ave.
Oregon City, OR 97045

Wilsonville

29353 SW Town Center Loop E.
Wilsonville, OR 97070

Harmony

7738 SE Harmony Road
Milwaukie, OR 97222

OUR MISSION

To serve the people of the college district with high-quality education and training opportunities that are accessible to all students, adaptable to changing needs and accountable to the community we serve.

Easy as pi

What happens when you put two brains together? It adds up to a win for students. Meet Carol Burnell and Mark Yannota, two of Clackamas Community College's dedicated full-time faculty. Carol is the chair of the English department and Mark is the chair of the mathematics department. They are the brains behind a small idea that is making completing core English and mathematics courses easier.

English and mathematics are mandatory courses for any transfer degree at CCC, but finding the right class to fit your schedule can sometimes be challenging. Students may find themselves with math and English classes several hours apart, or with only 15 minutes to get to opposite sides of the campus.

Carol and Mark teamed up to offer back-to-back English and mathematics classes to make it more convenient for students to complete their degrees. Offered between 9 a.m. and 1 p.m., the pairing is perfect for working parents or students with morning- and late-afternoon commitments. Not only that, but the classes are held at an easily accessible location on campus that boasts upgraded classroom space and ample parking.

Are you planning on enrolling in classes fall term? Get a jumpstart on your degree. Fall registration opens May 21. Find the back-to-back English and mathematics classes that fit your needs at www.clackamas.edu/schedule.



Live here. Learn here.



Oregon City Campus | 19600 Molalla Ave. | Oregon City, OR | 97045 | 503-594-6000

Harmony Campus | 7738 SE Harmony Road | Milwaukie, OR | 97222 |

Wilsonville Campus | 29353 SW Town Center Loop East | Wilsonville, OR | 97070 | 503-594-0940

www.clackamas.edu

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Non-Discrimination

Clackamas Community College does not discriminate on the basis of race, color, religion, gender, sexual orientation, marital status, age, national origin/ancestry, disability, family relationship or any other protected status in accordance with applicable law. The college's commitment to nondiscrimination applies to curriculum activity and all aspects of operation of the college.

Important Dates to Remember

	SUMMER TERM 2019	FALL TERM 2019	WINTER TERM 2020
\$ Financial Aid: All required CCC financial aid documentation due to ensure funding for term	April 1	June 24	Sep. 30
Registration begins	May 13	May 20	Nov. 12
Registration workshops begin	May 17	May 24	Nov. 15
Classes begin	June 24	Sept. 30	Jan. 6
Last day to add classes without instructor consent	Instructor consent required once course begins		
\$ Last day to add classes without \$50 late add fee	Fee will be applied on the 4th business day following the first official day of class		
\$ Last day to pay tuition before \$30 deferred payment fee is assessed	July 8	Oct. 11	Jan 17
\$ Last day to drop a class with a refund (see p. 10 for more info)	July 8	Oct. 11	Jan. 17
Last day to drop classes and not receive a grade	Aug. 5	Nov. 8	Feb. 14
Last day to submit petition for graduation	Aug. 5	Nov. 8	Feb. 14
Last day to change grading option	Aug. 5	Nov. 8	Feb. 14
\$ Account balance due: \$75 non-payment fee applied if not paid	Aug. 5	Nov. 8	Feb. 14
Holidays and campus closures	Independence Day July 4 Labor Day Sept. 2	Veterans Day Nov. 11 Thanksgiving Nov. 28-29 Winter Break Dec. 24-25	New Years Jan. 1 MLK Jr. Day Jan. 20 Presidents Day Feb. 17 Skills Contest Feb. 27 No classes before 4 p.m. on Oregon City and Harmony Campuses
Finals week*	See class syllabus	Dec. 9-14	March 16-21
Last day of term	Sept. 7	Dec. 14	March 21
Commencement: GED & Adult High School Diploma College Certificate & Degree	June 11, 2020 June 12, 2020	June 11, 2020 June 12, 2020	June 11, 2020 June 12, 2020

Final Exam Schedule

Summer term exam information is available on your course syllabus. If you have any questions, contact your instructor.

The information in this schedule reflects current programs, requirements and costs. These are all subject to change, and Clackamas Community College reserves the right to make any necessary revisions in the information contained here without prior notice.

*Deadlines are the end of the business day unless otherwise noted.
All calendar dates are subject to change without prior notice.*

College closure information located on p.89.

Get Started at CCC!

Como Inscribirse – www.clackamas.edu/espanol

Looking for a Non-Credit Registration Form? You'll find it on p.9 of the Schedule of Classes.

New Student? Start here.

If you are a new student with no previous CCC credits, follow these 6 steps to get started. For more information visit www.clackamas.edu/gettingstarted.

Our Admissions Welcome Center is here to help you get started!

Call: 503-594-3284 or Email: welcome@clackamas.edu

1 APPLY TO CCC

Visit www.clackamas.edu/apply. Once you receive your welcome email, **log in to Navigate to review your to-do list**, which will walk you through your next steps. *TIP: Log in to your myClackamas account frequently—it is CCC's primary means of communicating with students!

2 APPLY FOR FINANCIAL AID AND SCHOLARSHIPS (if applicable)

U.S. Citizens and permanent residents: Apply at www.fafsa.gov. **Undocumented Oregon residents:** Complete the ORSAA at www.getcollegefunds.org. The ORSAA is for undocumented Oregon students, including students who have DACA (Deferred Action for Childhood Arrivals) status.

Apply for CCC Foundation Scholarships at www.clackamas.edu/scholarships.

3 SUBMIT PREVIOUS COLLEGE TRANSCRIPTS (if applicable)

CCC Degree/Certificate Seeking: If you are transferring to CCC from a regionally-accredited U.S. institution, or if you have AP, CLEP, IB or DSST scores, submit your official transcripts to Graduation Services. **Non-Degree/ Certificate Seeking:** If a course requisite waiver is needed, submit unofficial transcripts to Advising & Career Services. Visit www.clackamas.edu/transferring-to-ccc for details.

4 DETERMINE PLACEMENT

Math and writing placements must be completed prior to registration. Visit www.clackamas.edu/pass for steps to complete your placement assessment.

5 COMPLETE NEW STUDENT ORIENTATION

Available online via your myClackamas account, your orientation will familiarize you with CCC's resources, degree and certificate programs, student life, and more. Orientation must be completed before registering for classes.

6 REGISTER FOR CLASSES

First-time college students: Sign up to attend a Registration Workshop at www.clackamas.edu/registration-workshop.

Transferring to CCC: Drop in to meet with an academic advisor at any of our three campuses. Visit www.clackamas.edu/advising for hours, locations, and more.

Returning CCC Student? Start here.

If you have taken classes or workshops at CCC within the last three years there's no need to reapply for admission! You're ready to register for classes online through myClackamas.

- 1 NOTIFY ENROLLMENT SERVICES** if you've changed your major/program of study, address, or phone number by emailing registration@clackamas.edu or visiting the Enrollment Services Center at any of our three campuses.
- 2 CLEAR OUTSTANDING DEBT** or prior term balances at any CCC Enrollment Services Center.
- 3 REVIEW YOUR EDUCATION PLAN** with an academic advisor.
- 4 REGISTER FOR CLASSES** online through myClackamas — <http://my.clackamas.edu>. You can also register by mail, fax or in person at any of our three campuses. Registration forms are available at www.clackamas.edu/forms.
- 5 PAY YOUR TUITION AND FEES** online or in person. Tuition rates, payment, and important dates can be found on p. 8-10 in this Schedule of Classes.

Don't forget!

- Visit www.clackamas.edu/im_registered_whats_next.aspx for your next steps after registration!
- Get your **student ID card** at any of our three campuses.
- **Veterans and Military Dependents:** Visit www.clackamas.edu/Veterans/ for VA Educational benefits information.
- Information about **dates, policies and academic regulations** is available at www.clackamas.edu or the Enrollment Services Center at any of our three campuses.

Money, registration and myClackamas— what you need to know!

College Services Fee

A non-refundable \$28 per term fee will be applied to students taking credit courses. The College Services Fee covers the cost of various services including graduation, parking, a shuttle, testing and transcripts. The fee is applied at the time of registration for students registering for one or more credits.

Refunds

If you stop going to class and you don't officially drop the classes from your schedule, you will be held academically and financially responsible.

See p.7 for important information about Financial Aid and refund deadlines.

myClackamas

myClackamas is your portal to all things CCC. This secure site allows you to check your CCC assigned email, register and pay for classes, access financial aid documents and more.

After you are admitted to CCC, an email with your new CCC student email address and instructions for logging into myClackamas will be sent to the secondary email account (gmail, yahoo, etc.) you provided on your admission application.

If you applied for admission and:

- don't know your CCC email address, go to myClackamas (<https://my.clackamas.edu>) and choose "Forgot your email address?"
- don't know your password, go to myClackamas (<https://my.clackamas.edu>) and choose "Forgot Password?" Follow the directions provided.
- still need help with this process, go to myClackamas (<https://my.clackamas.edu>) and click the help button or call 503-594-6074.

If you are a current CCC student and:

- don't have a CCC email address:
 - Contact Enrollment Services at registration@clackamas.edu and provide a secondary email account (gmail, yahoo, etc.). An email with instructions for logging into myClackamas will be sent to that account.
- are experiencing problems logging into your myClackamas account:
 - Contact Enrollment Services at 503-594-6074.

NOTE: Your CCC email account is the primary method of communication between you and the College. Be sure to check your email at least twice a week through myClackamas.

Registration

Registration is based on the number of completed credits at CCC (credits completed at other colleges are not counted for registration purposes). Courses in progress during the current term do not count toward this total. Registration is done online (myClackamas), in person, or by mail/fax. Registration times:

CREDITS	DATE	TIME
Veterans	Monday, May 13, 2019	Noon
80+	Tuesday, May 14, 2019	8:00am
60-79	Tuesday, May 14, 2019	Noon
40-59	Wednesday, May 15, 2019	8:00am
30-39	Wednesday, May 15, 2019	Noon
20-29	Thursday, May 16, 2019	8:00am
6-19	Thursday, May 16, 2019	Noon
1-5	Friday, May 17, 2019	8:00am
Open Registration	Friday, May 17, 2019	Noon

NOTE: If you miss your registration window, you are able to register any time after that.

2019-20 Changes:

- **In-state tuition:** Increase by \$3 resulting in a \$103 per credit rate.
- **Out-of-state tuition:** Increase by \$8 resulting in a \$274 per credit rate.

Clackamas Community College offers a variety of continuing education courses, workshops, seminars and trainings both as credit and non-credit opportunities. **The Non-Credit Registration form on this page is for students who are not planning to pursue a degree or certificate or are registering for less than 6 credits and are looking for opportunities to advance their knowledge or skill set.**

If you are planning to register for Community Education courses, please refer to the page following the Course Listing in this *Schedule of Classes* for more information and registration form.

Clackamas Community College (CCC) welcomes all students who can benefit from the instruction offered, regardless of their educational background. Prospective students are eligible for admission if they have a high school diploma or GED, or if they are 18 years of age or older. Students under the age of 18 may require additional permissions to register for classes. This Registration Form is intended for students who do not wish to earn a degree or certificate at CCC. All degree/certificate-seeking and high school partnership students should apply for admission online at: www.clackamas.edu/apply.



Registration Form

Part A: Student Information

**Indicates required field*

Social Security Number		Date of Birth*	
<small>Note: Your Social Security Number (SSN) is required if you are applying for financial aid. IRS regulations require that you provide your SSN or Tax Identification Number (TIN) so that it may be included on the 1098-T form filed by the college if you are eligible for certain tax credits. The college will use your SSN for keeping records, doing research, aggregate reporting, extending your credit, and collecting debts. Providing your SSN means that you consent to the use of the number in the manner described. Your SSN will not be shared with the general public and, as you will be issued a separate student ID number, you will not be denied any rights as a student if you choose not to provide your SSN (per OAR 589-004-0400).</small>			
Legal Name* (first, middle initial, last, suffix)			
Preferred Name (first, last)			
Previous Name (first, last)			
Phone*	Type (cell, home, work)	Phone	Type (cell, home, work)
Mailing Address* (street, city, state, zip)			
Email Address*			
<small>Note: CCC will provide you with a student email address that you will be required to use for all official college communications. However, a personal email address that only you have access to is required as a back-up method of electronic communication.</small>			
Residency Status* (required for tuition purposes) Select the appropriate state if you have maintained a permanent address in OR, CA, ID, WA, or NV for at least 90 days prior to your first day of class. Select Out-of-State if your permanent address has been outside of these states. If you are an international student (on a student visa), you must fill out an international student application.			
<input type="checkbox"/> OR <input type="checkbox"/> WA <input type="checkbox"/> CA <input type="checkbox"/> ID <input type="checkbox"/> NV <input type="checkbox"/> Out-of-State			
Purpose of Study* (select one)		Educational Goals* (select all that apply)	
<input type="checkbox"/> Credit classes for personal/professional interest <input type="checkbox"/> English as a Second Language (ESL) <input type="checkbox"/> GED/Adult High School Diploma/Skills Development <input type="checkbox"/> Workshops for career enhancement		<input type="checkbox"/> Explore career and educational options <input type="checkbox"/> Finish high school <input type="checkbox"/> Prepare for GED exam <input type="checkbox"/> Improve reading, writing, or math skills <input type="checkbox"/> Learn English <input type="checkbox"/> Take classes for fun <input type="checkbox"/> Transfer without a degree <input type="checkbox"/> Take job-related or job-required classes <input type="checkbox"/> Other	
Please provide the following demographic information to enhance CCC's services to all students. CCC does not discriminate based on the following information, nor does it release it to the general public.			
Legal Sex Designation* <input type="checkbox"/> Female <input type="checkbox"/> Male <input type="checkbox"/> Prefer Not to Answer		Veteran Status* <input type="checkbox"/> Veteran <input type="checkbox"/> Current Active Military <input type="checkbox"/> Current Active Reserve/Guard <input type="checkbox"/> Immediate Family Member of Veteran <input type="checkbox"/> Immediate Family Member of Current Service Member <input type="checkbox"/> Not Applicable <input type="checkbox"/> Not Sure <input type="checkbox"/> Prefer Not to Answer	
Race* <input type="checkbox"/> American/Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Asian/Pacific Islander <input type="checkbox"/> Black or African American <input type="checkbox"/> Hawaiian/Pacific Islander <input type="checkbox"/> White <input type="checkbox"/> Prefer Not to Answer		Ethnicity* <input type="checkbox"/> Hispanic/Latino <input type="checkbox"/> Non-Hispanic/Latino <input type="checkbox"/> Prefer Not to Answer	Are you the first among your parents/guardians to attend college?* <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer Not to Answer
		What is your most recent high school status?* <input type="checkbox"/> Still in high school <input type="checkbox"/> Pursuing GED <input type="checkbox"/> High school diploma <input type="checkbox"/> GED <input type="checkbox"/> Didn't attend/complete high school	

Part B: Course Registration Requests

Course Number (e.g. PSY-201-01)	Course Title (e.g. Psychology as a Natural Science)	Grading Option (A-F, Pass/No Pass, or Audit)

Part C: Signature

Payment is due at the time of registration. By signing this form, you agree to all CCC policies and procedures including financial liability. If you fail to pay on time and CCC refers your account(s) to a third party for collection, a collection fee of up to 33% of the debt or the maximum percentage allowed by applicable law will be added to your balance due. CCC will add these fees to your balance due, and they will be due no earlier than 90 days after the date your payment is due and prior to referring your account to a collection agency. You will be held academically and financially responsible for all classes. Please review the current class schedule for important payment deadlines.

Signature:

Date:

Return completed form to:

EMAIL: registration@clackamas.edu

FAX: 503-722-5864

IN PERSON: Enrollment Services at any of the three CCC campuses

MAIL: Enrollment Services, Clackamas Community College, 19600 Molalla Ave, Oregon City, OR 97045-7998

Financial Matters

Visit the CCC Bookstore online for information about textbook costs.

<http://clackamas.bncollege.com>



How much will I owe?

TUITION AND FEES

Tuition and fee rates are subject to change without prior notice.

TUITION TYPE	RATE	COMMENT
In-state	\$103 per credit	Applies to U.S. citizens or immigrants with a residency status (90 days at that address prior to the start of the term) in Oregon, Idaho, California, Nevada and Washington.
Out-of-state	\$274 per credit	Applies to international students and students residing in states which do not border Oregon.
FEE TYPE	RATE	COMMENT
General Student and Technology Fee	\$8.00 per credit	Supports many CCC student activities including athletics, child care, instructional technology and student government.
College Services Fee	\$28 per term (non-refundable)	Non-refundable. Applies to credit courses only. The College Services Fee covers the cost of various services including graduation, parking, a shuttle, testing and transcripts.
Deferred Payment Fee	\$30 per term	Applied after the second week of the term if a balance is owed to the college.
Late Add Fee	\$50 per class	Applied the 4th business day after the first official day of the class.
Non-Payment Fee	\$75 per term	Applied after the sixth week of the term if a balance is owed to the college.
Non-Refundable Third Party Billing Fee	\$15	Assessed on any student account where CCC is billing an outside business/organization for tuition and charges.
Returned Bank Item	\$25 each item	Fee for checks returned for nonsufficient funds.
Course Fees	Varies	Certain classes have special fees in addition to tuition and the general fee. These are listed in the "Course Fee" column in the credit course listing in the Schedule of Classes.

CREDIT FOR PRIOR LEARNING TYPE	RATE
Challenge Exam	\$50 flat fee plus \$25 per credit
Portfolio	\$50 flat fee plus ½ of the current tuition per credit
Other (Non-Portfolio, Non-Challenge Exam)	\$50 flat fee plus ½ of the current tuition per credit

Want your refund deposited directly into your bank account?
Click on Payment Information in myClackamas then myProfile. Enter your bank account information. This includes financial aid and emergency loan checks.

How do I pay?

Pay Now: Payment is due at the time of registration. You can pay in person with cash or a local, bank-imprinted check, for the amount due. You can make credit card payments in person or online using Visa, MasterCard, Discover or American Express.

Pay Later*: Payment is due July 8. Accounts with a balance after this date will be charged a \$30 deferred payment fee.

Deferred Payment: Account balances must be paid by Aug. 5 or you will be charged a non-payment fee of \$75 and a hold will be put on your account that will prevent future registration.

***Pay Later Conditions:** You must be 18 years of age, owe a balance of at least \$100, and cannot have an existing balance from a previous term or owe a financial aid repayment. If these conditions do not apply, payment is due at the time of registration.

How do I get a refund?

CCC provides full refunds if you drop your classes on time. We do not provide partial refunds. To receive a full refund YOU must drop your classes:

- During the first 2 weeks of the class for classes meeting 5 weeks or more
- During the first week of the class for classes meeting 3-4 weeks
- Before the class begins for classes meeting 2 weeks or less

To view the complete refund policy, please go to www.clackamas.edu

Financial Aid How do I apply?

1. Apply to CCC.
2. Complete your FAFSA or ORSAA application:
 - U.S. Citizens and permanent residents: Apply at www.fafsa.gov.
 - Undocumented Oregon residents: Complete the ORSAA at www.getcollegefunds.org. The ORSAA is for undocumented Oregon students, including students who have DACA (Deferred Action for Childhood Arrivals) status.
3. Check your email and Self-Service in myClackamas.

Questions?

Email us at finaid@clackamas.edu

Drop-in hours Roger Rook Hall,
Oregon City Campus: MTTh: 9 a.m.-4 p.m., W: 10 a.m.-4 p.m.

Drop-in hours East Building, Harmony Campus:
T/Th: 8 a.m.-12 p.m. and 1-5 p.m.

Registration and important information *You need to know this!*

Very Important Registration Information

With college comes more choice, freedom and responsibility. Here are some highlights of important information for successful college students.

- **Avoid the \$50 late add fee!**

The late fee will be applied the fourth (4th) business day after the first official day of the class. So if your class starts on a Monday, you must be registered by the end of the business day on Thursday or you will be charged the late fee of \$50.00.

To avoid this fee, make sure you are registered for all of your courses in a timely manner.

- Check your schedule on myClackamas both after you register and the first day of the term (your class location may have changed). If you want to add, drop, or change a class, be certain that you make these changes through myClackamas or Enrollment Services and that the changes are reflected on your schedule.
- To receive a refund for a full-term course, be sure to drop it by the end of the second week. For classes that do not meet the entire term (e.g., weekend courses, short courses, etc.), it is important to refer to the refund schedule online at www.clackamas.edu or on the *Financial Matters* page in this *Schedule of Classes*.
- **Avoid non-payment fees by making payments according to the payment plan policy.** (See preceding page for more information.)
- Be a more informed and successful student: Read the *Academic Regulations* after the course listings in this *Schedule of Classes*.
- Ask questions! If you are uncertain about something, ask your instructor or a staff member. They can help you get the answer.

Academic Calendar—Clackamas Community College operates on the quarter system. Each of our terms are eleven weeks in length with many courses being offered in a condensed and/or standard term format. Be sure to check the *Schedule of Classes* for individual class meeting times.

Corequisite—A corequisite is a second, related course in which a student must be simultaneously enrolled in addition to the primary course.

Course Prerequisites—Some CCC courses have prerequisite requirements. You will be required to meet these prior to enrolling.

Grades—Grade options generally include A, B, C, D, F, P/N (Pass, No Pass), or X (Audit). Be sure to select the grade option you want at the time of registration by selecting: Register Pass/Fail for P/N or Audit for all classes you wish to audit.

Registration and Transcript Holds—Students who have not met their financial obligations to the college may have restrictions placed on their ability to register for future terms and/or have official transcripts released.

Ordering Transcripts—Official transcripts (record of your classes, grades earned and degrees awarded) are available upon request. Unofficial transcripts are available via myClackamas. Order transcripts online via www.parchment.com. For more information call our transcript request line at 503-594-6074.

Student Rights & Responsibilities—When you enroll at Clackamas Community College you assume certain rights and responsibilities as a student that relate to your educational record, academic performance and individual conduct. These are stated in the Student Handbook—www.clackamas.edu/documents/handbook.pdf

Student Photo ID Cards—Cards are available at an Enrollment Services Center and are necessary for library checkout, access to computer/tutorial labs and admission to college events. Picture ID and current enrollment are required. There is a \$10 replacement fee for stolen or lost ID cards.



Graduation

PETITION TO GRADUATE

In order to be evaluated for a certificate or degree from CCC, students must fill out a "Petition for Graduation" and submit it to Graduation Services at the Oregon City campus.

Please refer to graduation information via the Web for filing deadlines. Questions regarding this process may be directed to 503-594-6651 or gradservices@clackamas.edu.

GRADUATION CEREMONIES

The GED/Adult High School Diploma graduation ceremony will take place Thursday, June 11, 2020 and the certificate and degree graduation ceremony will be held Friday evening, June 12, 2020. Information for both ceremonies will be available at www.clackamas.edu/graduation in early Spring. For questions related to the ceremony, contact GradCeremony@clackamas.edu.

Si usted habla español

Información en español

Visite el sitio de web www.clackamas.edu/espanol para más información.

¡Bienvenido a Clackamas Community College! Clackamas ofrece una gran variedad de oportunidades para todos. Ofrecemos más de 90 programas de carreras técnicas, programas para estudiantes internacionales, clases de inglés, y oportunidades para recibir su certificado de preparatoria GED.

En Clackamas Community College, creemos que todos tienen derecho a desarrollar todo su potencial. Les damos la bienvenida a todos, sin importar quiénes sean o de dónde son. Sus contribuciones son las que hacen de Clackamas un colegio comunitario. Estamos contentos de que esta aquí.

Clases de ESL (inglés como segundo idioma)

- Las clases de ESL son para todos que desean mejorar sus habilidades de inglés
- Ofrecemos clases de todos niveles
- Los precios varían entre \$25 y \$50 por clase por un trimestre
- Estudiantes deben tener al menos 16 años de edad

Para más información y para registrarse, llame a Nena Monterroza al 503-594-3234

GED en español

Instrucción del desarrollo de habilidades básicas (GED) ofrecida en español. Se aplica un examen de diagnóstico para determinar las necesidades académicas del alumno.

Inscripciones abiertas todo el tiempo, se ofrece en el colegio principal, Harmony Center y Canby.

Para más información y para registrarse para la clase, llame a Camilo Sanchez al 503-594-3029

Ayuda Financiera

Ayuda financiera está disponible para ayudarle alcanzar sus metas educativas. La Oficina de Ayuda Financiera y Becas de CCC brinda acceso a becas, trabajo-estudiantil y préstamos para ayudarle cubrir los costos de la escuela.

Para más información, llame al 503-594-6082

Servicios de Workforce

WorkSource Clackamas ofrece servicios gratuitos que pueden ayudar con:

- Actualizar tus habilidades
- Mejorar tus técnicas en la búsqueda de empleo
- Acceso a empleos en alta demanda y crecimiento

Para más información, llame al 503-594-6246

Para tomar clases de crédito

Si quiere tomar clases para recibir crédito, un consejero de admisiones le podrá ayudar en tomar los pasos adecuados y necesarios para registrarse en Clackamas Community College.

¡Nuestro Centro de Admisiones está aquí para ayudarle a comenzar! Llame al 503-594-3284

Veterans Services

Veterans Education and Training Center

CCC Oregon City Campus, Community Center Room 100
503-594-3438

vetinfo@clackamas.edu

<http://depts.clackamas.edu/veterans>

The Veteran Education and Training Center is a service of Clackamas Community College dedicated in gratitude to providing hospitality, advocacy, and the highest quality of service to all Veterans. The VET Center's staff goal is to support every Veteran's transition from warrior to student to graduate and finally to working professional. The VET Center will ensure every individual Veteran's unique needs are met. Clackamas Community College recognizes and honors the Military Veterans of our community and their families. Please allow us the honor and privilege to serve you!

The college provides a wide range of services for Veterans which include:

- Information about benefits
- Education and career information
- Assistance with getting started and being successful
- Referrals to additional resources
- Assistance with necessary paperwork
- VA enrollment and progress certification
- Student Veterans Club
- Veterans Events
- Transition Assistance Workshops
- Veterans Book Share
- Veterans Text Book Grants
- Military Families Scholarship Endowment
- VA Work study

The regulations and requirements associated with providing and receiving the variety of veteran benefits are numerous and complex. We can help you understand your benefits and the process of accessing them. Please come see us soon and often to be informed and ensure you remain in compliance.

Workforce Services

Skill up for jobs of the future! WorkSource Clackamas is preparing Oregonians for jobs in healthcare, manufacturing, high tech, green technologies and more!



Job Search and Training Help

Are you looking for a job?

Do you need to upgrade your skills to get a better job?

Interested in working and learning on the job (OJT)?

WorkSource Clackamas has no-cost career advancement services which can

- help you update your skills
- sharpen your job search expertise
- access jobs in high-growth careers

Take the next step! Contact our Career Specialists to learn more about our incredible career workshops and services. Contact us at 503-594-6246 or visit us on the Web at www.clackamasworkforce.org

These programs funded in whole or in part through the US Department of Labor and the State of Oregon through Clackamas Workforce Partnership.

Consult the Experts!

NO-COST CAREER WORKSHOPS AT WORKSOURCE CLACKAMAS

506 High Street, Oregon City 97045

Our Career Specialists are experts in job search strategies. Join a workshop to practice innovative techniques to find employers, develop a resume, improve networking, interview better, and improve your job search.

Visit www.clackamasworkforce.org or call to learn more about the NO COST workshops. Call 971-673-6400. Reservations required.

Building Skills and Growing Businesses!

Sponsored by the Clackamas Workforce Partnership
www.clackamasworkforce.org

WorkSource Oregon is an equal opportunity employer/program.

WorkSource Oregon es un programa/empleador que respeta la igualdad de oportunidades.

Distance Learning

There are many alternatives to on-campus courses that allow busy students to pursue their educational goals. These courses may involve the use of computers, video, voicemail, email and the internet. Some of these courses may require orientation, class meetings, lab work and testing to be done on campus. You may contact the course instructor for more information about specific on-campus activity requirements.

Interested in Distance Learning?

Visit Distance Learning on the web at <http://online.clackamas.edu> for information about:

- Course offerings
- Computer requirements
- Technical skills needed
- How to get started
- Moodle workshops for students

ONLINE COURSES

Online courses take place over the internet, allowing students to complete their assignments, work cooperatively with other students and take quizzes and exams without having to come to campus. Some online courses may require exams to be taken on campus or in a proctored setting. You may contact the course instructor for information about exam requirements.

HYBRID COURSES

Hybrid courses describe a format that combines face-to-face classroom instruction with computer-based learning. Hybrid courses combine instructional time spent in the classroom with online time. The result is a course that offers the student the high-touch aspects of face-to-face time in the classroom with the anytime/anywhere high-tech online course learning opportunities. The hybrid format reduces the amount of time the student needs to be on campus. Hybrid courses are identified in the quarterly schedule of classes by the term HYBRID and also the icon **HYB**.

TECHNICAL SKILLS REQUIRED

To participate in an online course, students should have working knowledge of word processing software, internet and email use and Moodle software.

Get started in Distance Learning

Instructions for getting started in a distance learning class can be found at <http://online.clackamas.edu>

QUESTIONS ABOUT DISTANCE LEARNING?

- Call 503-594-6632
Email online@clackamas.edu

Online Courses — Summer Term 2019

Complete course information available in *Credit Course Listing*, p. 18-51. Indicated with: **WEB**

Business

BA-101-01	INTRODUCTION TO BUSINESS, 4 CREDITS
BA-104-01	BUSINESS MATH, 3 CREDITS
BA-111-01	GENERAL ACCOUNTING I, 4 CREDITS
BA-131-01	INTRODUCTION TO BUSINESS COMPUTING, 4 CREDITS
BA-131-02	INTRODUCTION TO BUSINESS COMPUTING, 4 CREDITS
BA-206-01	MANAGEMENT FUNDAMENTALS, 4 CREDITS
BA-211-01	FINANCIAL ACCOUNTING I, 4 CREDITS
BA-212-01	FINANCIAL ACCOUNTING II, 4 CREDITS
BA-213-01	DECISION MAKING WITH ACCOUNTING INFORMATION, 4 CREDITS
BA-218-01	PERSONAL FINANCE, 4 CREDITS
BA-224-01	HUMAN RESOURCE MANAGEMENT, 4 CREDITS
BA-226-01	BUSINESS LAW I, 4 CREDITS
BA-249-01	RETAILING, 3 CREDITS
BA-251-01	SUPERVISORY MANAGEMENT, 3 CREDITS
BA-285-01	HUMAN RELATIONS IN BUSINESS, 4 CREDITS
BT-120-01	PERSONAL KEYBOARDING, 2 CREDITS
BT-121-01	DATA ENTRY, 1 CREDIT
BT-122-01	KEYBOARDING SKILLBUILDING, 2 CREDITS

College Success

LIB-101-01	INTRODUCTION TO LIBRARY RESEARCH, 1 CREDIT
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Computer Science

CS-120-30	SURVEY OF COMPUTING, 4 CREDITS
CS-125H-30	HTML & WEB SITE DESIGN, 3 CREDITS

Cooperative Work Experience

CWE-281-03	COOPERATIVE WORK EXPERIENCE SEMINAR, 0 CREDITS
CWE-281-04	COOPERATIVE WORK EXPERIENCE SEMINAR, 0 CREDITS
CWE-281-06	COOPERATIVE WORK EXPERIENCE SEMINAR, 0 CREDITS

Criminal Justice

CJA-110-01	INTRODUCTION TO LAW ENFORCEMENT, 3 CREDITS
CJA-137-01	MASS MURDER AND SERIAL KILLERS, 3 CREDITS

Education

ED-169-01	OVERVIEW OF STUDENTS WITH SPECIAL NEEDS, 3 CREDITS
ED-246-01	SCHOOL, FAMILY & COMMUNITY RELATIONS, 4 CREDITS

English

ENG-255-01	AMERICAN LITERATURE, 4 CREDITS
ENG-260-01	INTRODUCTION TO WOMEN WRITERS, 4 CREDITS

Environmental Safety & Health

ESH-100-01	ENVIRONMENTAL REGULATIONS, 3 CREDITS
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Family Studies

HDF-260-01	UNDERSTANDING CHILD ABUSE AND NEGLECT, 4 CREDITS
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Food and Nutrition

FN-110-01	PERSONAL NUTRITION, 3 CREDITS
FN-225-01	NUTRITION, 4 CREDITS
FN-225-02	NUTRITION, 4 CREDITS

Health

HE-204-01	NUTRITION & WEIGHT CONTROL, 3 CREDITS
HE-250-01	PERSONAL HEALTH, 3 CREDITS

Health Sciences

HS-211-01	INFECTIOUS DISEASES AND HARM REDUCTION, 1 CREDIT
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Humanities/Social Sciences

HST-102-01	HISTORY OF WESTERN CIVILIZATION, 4 CREDITS
HST-103-01	HISTORY OF WESTERN CIVILIZATION, 4 CREDITS
PHL-101-01	PHILOSOPHICAL PROBLEMS, 4 CREDITS
PS-200-01	INTRODUCTION TO POLITICAL SCIENCE, 4 CREDITS
PS-201-01	AMERICAN GOVERNMENT AND POLITICS, 4 CREDITS
SOC-204-01	INTRODUCTION TO SOCIOLOGY, 4 CREDITS

Mathematics

MTH-060-10	ALGEBRA I, 4 CREDITS
MTH-065-10	ALGEBRA II, 4 CREDITS
MTH-095-10	ALGEBRA III, 4 CREDITS
MTH-111-10	COLLEGE ALGEBRA, 5 CREDITS
MTH-243-10	STATISTICS I, 4 CREDITS

Science

BI-101-40	GENERAL BIOLOGY; CELLULAR BIOLOGY, 4 CREDITS
BI-102-40	GENERAL BIOLOGY; ANIMAL SYSTEMS, 4 CREDITS
BI-103-40	GENERAL BIOLOGY; PLANTS & THE ECOSYSTEM, 4 CREDITS

Transportation & Logistics

TTL-141-01	TRANSPORTATION CUSTOMER SERVICE SKILLS, 3 CREDITS
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Writing

WR-121-05	ENGLISH COMPOSITION, 4 CREDITS
WR-121-06	ENGLISH COMPOSITION, 4 CREDITS
WR-121-07	ENGLISH COMPOSITION, 4 CREDITS
WR-122-04	ENGLISH COMPOSITION, 4 CREDITS
WR-122-05	ENGLISH COMPOSITION, 4 CREDITS
WR-128-01	INTRODUCTION TO APA STYLE & DOCUMENTATION, 1 CREDIT
WR-140-01	INTRODUCTION TO WRITING CREATIVELY, 4 CREDITS
WR-227-02	TECHNICAL REPORT WRITING, 4 CREDITS
WR-227-03	TECHNICAL REPORT WRITING, 4 CREDITS

Hybrid Courses

Complete course information available in *Credit Course Listing*, p.18-51. Indicated with: **HYB**

English

ENG-105-30	INTRODUCTION TO LITERATURE: DRAMA, 4 CREDITS
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Health

HE-252-01	FIRST AID/CPR/AED, 3 CREDITS
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Health Sciences

HS-104-01	USING DIAGNOSTIC CRITERIA IN ADDICTION TREATMENT, 1 CREDIT
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Manufacturing

MFG-107-01	INDUSTRIAL SAFETY & FIRST AID, 3 CREDITS
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Mathematics

MTH-050-15	TECHNICAL MATHEMATICS I, 4 CREDITS
MTH-111-15	COLLEGE ALGEBRA, 5 CREDITS
MTH-111-20	COLLEGE ALGEBRA, 5 CREDITS
MTH-111-21	COLLEGE ALGEBRA, 5 CREDITS
MTH-111-30	COLLEGE ALGEBRA, 5 CREDITS

Science

CH-104-40	INTRODUCTORY CHEMISTRY, 5 CREDITS
CH-105-40	INTRODUCTORY CHEMISTRY, 5 CREDITS
CH-106-40	INTRODUCTORY CHEMISTRY, 5 CREDITS

Clackamas in Your Community

Credit and non-credit courses offered at
Clackamas Community College sites near you!

CCC at Harmony Community Campus CCC Wilsonville Campus

Along with the Oregon City campus, Clackamas Community College has two additional campuses to serve the needs of students in other parts of the district. The college's Harmony campus is a full service campus in the North Clackamas area (near Clackamas Town Center). The Wilsonville campus is full service as well, and is easily accessible from I-5. In addition, there are many CCC courses available in other communities throughout the district.

CCC at Harmony Community Campus

7738 SE Harmony Road, Milwaukie, Oregon 97222

The following courses are available at Clackamas Community College.
For more information, contact 503-594-0633.

Adult Basic Education/GED

Instruction offered to improve language arts and math skills, and help students prepare for the GED exam. Students must be at least 16 years old and released from compulsory attendance if under 18 years old. For additional information about orientation and scheduling, please call 503-594-0633.

Days/Harmony Campus: M-TH, 1-3:50 p.m.

GED-015-67 GED PREPARATION, 0 CREDIT

Business Development Center Classes/Workshops

Small Business Development Center (SBDC) classes are offered as practical training for owners and managers of small businesses and do NOT fulfill the requirements for any college transfer, general education or certificate programs. For more information about these classes or other questions regarding your small business needs, contact the SBDC at 503-594-0738 or e-mail bizcenter@clackamas.edu.

Website: www.bizcenter.org.

SBM-010-01	REAL ESTATE BROKER LICENSE, 0 CREDITS
SBM-024-01	SMALL BUSINESS MANAGEMENT I, 0 CREDITS
XHPD-C001-01	CPR-INITIAL, 0.6 CEU
XHPD-C001-02	CPR-INITIAL, 0.6 CEU
XSBM-0003-01	GOING INTO BUSINESS, 0 CREDITS
XSBM-0003-02	GOING INTO BUSINESS, 0 CREDITS
XSBM-0003-03	GOING INTO BUSINESS, 0 CREDITS
XSBM-0010-30	PREPARING FOR THE CONSTRUCTION CONTRACTORS BOARD (CCB) EXAM, 0 CREDITS
XSBM-0010-31	PREPARING FOR THE CONSTRUCTION CONTRACTORS BOARD (CCB) EXAM, 0 CREDITS
XSBM-0010-34	PREPARING FOR THE CONSTRUCTION CONTRACTORS BOARD (CCB) EXAM, 0 CREDITS
XSBM-0011-21	QUICKBOOKS PRO: PART I, 0 CREDITS

Communication Studies

For more information about these classes call: 503-594-6489

COMM-111-30	PUBLIC SPEAKING, 4 CREDITS
COMM-111-31	PUBLIC SPEAKING, 4 CREDITS
COMM-218-30	INTERPERSONAL COMMUNICATION, 4 CREDITS

To register for these classes, see credit course listing, pages 18-51 for time, date, course registration number.

Harmony Community Campus Hours

Hours are subject to change. Campus is closed Memorial Day, May 27. Please call 503-594-0620 for updated information.

Building Hours

June 17-22	M-Th	7 a.m.-8 p.m.
	F	7 a.m.-5 p.m.
June 24-Aug 30	M-Th	7 a.m.-10 p.m.

Student Services

June 17-22	M-Th	8 a.m.-6 p.m.
	F	8 a.m.-5 p.m.
June 24-Aug 30	M-Th	8 a.m.-6 p.m.

Financial Aid & Scholarships

June 24-Aug. 30	M&Th	8 a.m.-12 p.m., 1-5 p.m.
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Advising

June 17-22	M-Th	9 a.m.-6 p.m.
	F	9 a.m.-5 p.m.
June 24-Aug 30	M-Th	9 a.m.-6 p.m.

Testing & Assessment

June 17-22	M-Th	9 a.m.-6 p.m.
	F	9 a.m.-5 p.m.
June 24-Aug 30	M-Th	9 a.m.-6 p.m.

ITS - Information Technology Services

June 24-Sept 7	M-Th	7:30 a.m.-5 p.m.
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Tutoring Services

See posted hours on web, www.clackamas.edu/tutoring

Bookstore

June 19-22	M-F	9 a.m.-2 p.m.
June 24-28	M-Th	8 a.m.-6 p.m.
	F	CLOSED
July 1-5	M-W	8 a.m.-4:30 p.m.
	Th-F	CLOSED
July 8-Aug 30		see posted hours online https://clackamas.bncollege.com

Where to find food

Bookstore: Harmony West Building 1st Floor Lobby has a wide variety of food choices.

There is a microwave in the Harmony Building 2nd floor common area for students to heat food.

Criminal Justice

For more information about these classes call: 503-594-3203

CJA-110-01	INTRODUCTION TO LAW ENFORCEMENT, 3 CREDITS
CJA-137-01	MASS MURDER AND SERIAL KILLERS, 3 CREDITS
CJA-280-01	CRIMINAL JUSTICE/CORRECTIONS/CWE, 2-6V CREDITS
CJA-281-01	CRIMINAL JUSTICE/CORRECTIONS/CWE, 2-6V CREDITS

Emergency Medical Technician

For more information about these classes contact: Health-Science-Questions @clackamas.edu

EMT-102-01	EMERGENCY MEDICAL TECHNOLOGY PART II, 5 CREDITS
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English

For more information about these classes call: 503-594-3254.

ENG-105-30	INTRODUCTION TO LITERATURE: DRAMA, 4 CREDITS
WR-121-30	ENGLISH COMPOSITION, 4 CREDITS
WR-121-31	ENGLISH COMPOSITION, 4 CREDITS
WR-122-30	ENGLISH COMPOSITION, 4 CREDITS
WR-122-31	ENGLISH COMPOSITION, 4 CREDITS
WRD-098-30	INTRODUCTORY READING & WRITING 2: COLLEGE PREPARATION, 4 CREDITS

English as a Second Language

These classes are for students ages 16 and older whose first language is not English. Required: Instructor consent.

Call 503-594-3234 for information. Para más información, llame 503-594-3234.

ESL-012-06	BEGINNING ESL, 0 CREDITS
ESL-014-06	BEGINNING READING & WRITING, 0 CREDITS
ESL-020-06	UPPER BEGINNING GRAMMAR, 0 CREDITS
ESL-025-06	UPPER BEGINNING WRITING, 0 CREDITS
ESL-031-06	INTERMEDIATE GRAMMAR B, 0 CREDITS
ESL-035-06	INTERMEDIATE WRITING, 0 CREDITS
ESL-047-06	EDITING PART 1, 0 CREDITS
ESL-055-06	ADVANCED GRAMMAR C, 0 CREDITS
ESL-082-06	ASSESS/EVALUATE NEW STUDENTS, 0 CREDITS
ESL-083-06	EDUCATIONAL PLANNING FOR RETURNING STUDENTS, 0 CREDITS

Food & Nutrition

For more information about these classes contact: Health-Science-Questions@clackamas.edu

FN-110-01	PERSONAL NUTRITION, 3 CREDITS
FN-225-01	NUTRITION, 4 CREDITS
FN-225-02	NUTRITION, 4 CREDITS

GED Español

For more information about these classes call: 503-594-3029
Para más información, llame 503-594-3029.

GED-011-02	GED IN ESPANOL, 0 CREDITS
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Health

For more information about these classes call: 503-594-0942

HE-163-01	BODY & DRUGS I: INTRODUCTION TO ABUSE & ADDICTION, 3 CREDITS
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Humanities/Social Sciences

For more information about these classes call: 503-594-3111.

HST-101-30	HISTORY OF WESTERN CIVILIZATION, 4 CREDITS
MUS-206-01	MUSIC LITERATURE: HISTORY OF ROCK, 4 CREDITS
PSY-101-30	HUMAN RELATIONS, 3 CREDITS
PSY-215-30	INTRODUCTION TO DEVELOPMENTAL PSYCHOLOGY, 4 CREDITS
R-210-30	WORLD RELIGIONS, 4 CREDITS

Mathematics

MTH-060-30	ALGEBRA I, 4 CREDITS
MTH-065-30	ALGEBRA II, 4 CREDITS
MTH-095-30	ALGEBRA III, 4 CREDITS
MTH-105-30	MATH IN SOCIETY, 4 CREDITS
MTH-111-30	COLLEGE ALGEBRA, 5 CREDITS
MTH-112-30	TRIGONOMETRY AND PRE-CALCULUS, 5 CREDITS

Nursing

For more information about these classes contact: Health-Science-Questions@clackamas.edu

NUR-100-01	NURSING ASSISTANT I, 7 CREDITS
NUR-100C-01	NURSING ASSISTANT I CLINICAL, 0 CREDITS
NUR-100C-02	NURSING ASSISTANT I CLINICAL, 0 CREDITS

Science

For more information about these classes call: 503-594-3345

BI-112-30	GENERAL BIOLOGY FOR HEALTH SCIENCES, 4 CREDITS
BI-112-31	GENERAL BIOLOGY FOR HEALTH SCIENCES, 4 CREDITS
BI-112L-30	GENERAL BIOLOGY/HEALTH SCIENCE LAB, 0 CREDITS
BI-112L-31	GENERAL BIOLOGY/HEALTH SCIENCE LAB, 0 CREDITS
BI-231-30	HUMAN ANATOMY & PHYSIOLOGY I, 4 CREDITS
BI-231L-30	HUMAN ANATOMY AND PHYSIOLOGY I LAB, 0 CREDITS
BI-232-30	HUMAN ANATOMY & PHYSIOLOGY II, 4 CREDITS
BI-232L-30	HUMAN ANATOMY AND PHYSIOLOGY II LAB, 0 CREDITS
BI-233-30	HUMAN ANATOMY & PHYSIOLOGY III, 4 CREDITS
BI-233L-30	HUMAN ANATOMY AND PHYSIOLOGY III LAB, 0 CREDITS
BI-233L-31	HUMAN ANATOMY AND PHYSIOLOGY III LAB, 0 CREDITS
CH-112-30	CHEMISTRY FOR HEALTH SCIENCES, 4 CREDITS
CH-112-31	CHEMISTRY FOR HEALTH SCIENCES, 4 CREDITS
CH-112L-30	CHEMISTRY FOR THE HEALTH SCIENCES LAB, 0 CREDITS
CH-112L-31	CHEMISTRY FOR THE HEALTH SCIENCES LAB, 0 CREDITS

World Languages

For more information about these classes call: 503-594-3345

SPN-103-30	FIRST-YEAR SPANISH III, 4 CREDITS
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CCC Wilsonville Campus

29353 SW Town Center Loop East, Wilsonville, Oregon 97070

Campus is closed July 4 and Sept. 2.
Wilsonville hours are subject to change.
Please call 503-594-0940 for updated information.

Building Hours 503-594-0940

June 24-Sept 7	M-Th	8 a.m.-6:30 p.m.
	F	8 a.m.-5 p.m.

Student Services 503-594-0940

June 24-Sept 7	M-Th	8 a.m.-6:30 p.m.
	F	8 a.m.-5 p.m.

Advising Center 503-594-0959

June 24-Sept 7	M-Th	8 a.m.-5 p.m.
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Testing & Assessment Center 503-594-0940

June 24-Sept 7	M-Th	8 a.m.-6 p.m.
	F	8 a.m.-4:30 p.m.

The following courses are available at Clackamas Community College, Wilsonville Campus and will fulfill all requirements of the Associate of Arts Oregon Transfer and the Associate of General Studies. For more information, contact 503-594-0959.

English

For more information about these classes call: 503-594-3254.

WRD-098-15	INTRODUCTORY READING & WRITING 2: COLLEGE PREPARATION, 4 CREDITS
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Humanities/Social Sciences

For more information about these classes call: 503-594-3111.

EC-201-15	PRINCIPLES OF ECONOMICS: MICRO, 4 CREDITS
EC-202-15	PRINCIPLES OF ECONOMICS: MACRO, 4 CREDITS
SOC-204-15	INTRODUCTION TO SOCIOLOGY, 4 CREDITS

Mathematics

For more information about these classes call: 503-594-3395.

MTH-050-15	TECHNICAL MATHEMATICS I, 4 CREDITS
MTH-111-15	COLLEGE ALGEBRA, 5 CREDITS
MTH-243-15	STATISTICS I, 4 CREDITS
MTH-244-15	STATISTICS II, 4 CREDITS
MTH-251-15	CALCULUS I, 5 CREDITS

Course Listing

Credit and non-credit courses offered Summer 2019

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Adult Basic Education (ABE)

ABE-080 ESL TUTORING, 0 CREDIT

Adult students meet one-on-one or in a small group with a tutor to focus on specific learning needs. The sessions are held in various public places throughout Clackamas County, such as libraries, schools, churches and the college campuses and outreach sites. Tutors help set student goals and a plan of learning. This class is a supplement to other ESL, ABE, or GED classes. Required: Student Petition.

LCT	ABE-080-01	299199	TBA	TBA		
	M. CULLEY		\$0	\$0	\$0	\$0
	Meets: 6/24-8/15.					

Anthropology

ANT-103 CULTURAL ANTHROPOLOGY, 4 CREDITS

Introduces the diversity of contemporary human cultures and the ways anthropologists study and compare them in an effort to understand how different societies organize their lives and make sense of the world around them. Explores the interrelationships among the various elements of culture. Recommended: WRD-090 or placement in WRD-098

ANT-103-01	294472	TTH	12-2:45PM			
M. MEDLIN		\$412	\$32	\$0	\$444	
Meets: 6/25-8/15.						

Art

ART-100A JEWELRY MAKING TECHNIQUES, 1 CREDIT

Various topics will introduce techniques in: construction, forming, fabrication, soldering, inlay, etching, mold making, casting, stone setting, chain making and silversmithing. Students will be encouraged to create and design their own jewelry with both meaning and function. Historical and contemporary issues surrounding jewelry and body adornment will be presented and discussed during the course. May be repeated for up to 3 credits.

ART-100A-01	294531	M	5:30-8:50PM			
J. IJIMA		\$103	\$8	\$125	\$236	
Meets Weeks Of: 6/24-7/29. Focuses on Basic Jewelry Making.						

ART-283 PAINTING: LANDSCAPES/BEGINNING, 4 CREDITS

Introduces basic painting tools, materials, techniques, and elements of composition, color, gesture, and value. Projects will involve observational painting with a focus on landscape and its relationship to volume and form on a two-dimensional plane. Assignments include painting, drawing, assigned readings and group critiques of painting projects.

ART-283-01	294534	MTWTH	9-2:50PM			
D. ANDERSEN		\$412	\$32	\$64	\$508	
Meets Weeks Of: 6/24-7/11. This class will be creating a large scale painting.						

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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ART-286 PAINTING: LANDSCAPES/INTERMEDIATE, 4 CREDITS

Utilizes intermediate painting concepts, materials and techniques with emphasis on composition, color, gesture and value. Projects will involve observational painting with a focus on landscape and its relationship to volume and form on a two-dimensional plane. Assignments include painting, drawing, assigned readings and group critiques of painting projects. Prerequisites: ART-283 or Student Petition

ART-286-01	294537	MTWTH	9-2:50PM			
D. ANDERSEN		\$412	\$32	\$64	\$508	
Meets Weeks Of: 6/24-7/11. This class will be creating a large scale painting.						

DMC-280 DIGITAL MEDIA COMMUNICATIONS/CWE, 3-6V CREDITS

Cooperative work experience. Provides students with on-the-job work experience in the field of media studies. Variable Credit: 3-6 credits. Required: Student Petition. Corequisites: CWE-281

DMC-280-01	294600					
T. WASSON		\$618	\$48	\$45	\$711V	
Meets Weeks Of: 6/24-8/15. Required: Student Petition.						

Auto Body/Collision Repair and Refinishing

Must have ANSI approved eye protection first day and comply with college safety policy/welding prerequisites.

AB-280 COLLISION REPAIR/CWE, 2-6V CREDITS

Cooperative work experience. Work-based learning experience in an auto body repair shop. Variable Credit: 2-6 credits. Required: Student Petition. Corequisites: CWE-281

AB-280-01	294521					
M. HOUSE		\$618	\$48	\$45	\$711V	
Required: Student Petition.						

Automotive Service Technology

Must have ANSI approved eye protection first day and comply with college safety policy.

AM-280 AUTO MECHANICS/CWE, 1-6V CREDITS

Cooperative work experience. Work-related learning experience in an auto repair shop or auto dealership. Variable Credit: 1-6 credits. Required: Student Petition. Corequisites: CWE-281

AM-280-01	294529					
R. LOCKWOOD/N. MILLER		\$618	\$48	\$45	\$711V	
Required: Student Petition.						

✓ Harmony or Wilsonville campus, other off campus location

WEB Online course - see page 14.

HYB Classroom/online course - see page 15.

LCT Low-Cost Text - see page 89.

TBA To be arranged: contact department first class

V Variable credit class: total cost reflects *maximum*

NEW New class

ESPAÑOL Taught in Spanish

Location code abbreviations: See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Biology

BI-101 GENERAL BIOLOGY; CELLULAR BIOLOGY, 4 CREDITS

An inquiry-based laboratory course focusing on cellular biology, genetics, epigenetics, biotechnology and natural selection. Class uses student centered activities in a collaborative learning environment to enhance appreciation of the biological world. Recommended: MTH-060 or MTH-098 or placement in MTH-065; and WRD-098 or placement in WR-121

	BI-101-01	294539	MTWTH	8-10:14AM		
	S. SOLL		\$412	\$32	\$50	\$494
	Meets: 6/24-7/17. Corequisite: BI-101L-01.					
WEB	BI-101-40	294542				
	K. OSTLUND		\$412	\$32	\$90	\$534
	Online. Orientation on Moodle. Contact: kimo@clackamas.edu or 503-594-3953. Labs are completed at home using a kit available from the CCC Bookstore.					

BI-101L GENERAL BIOLOGY; CELLULAR BIOLOGY LAB, 0 CREDIT

Biology lab to the BI-101 lecture section. Corequisites: BI-101

	BI-101L-01	299128	MTWTH	10:15-12:20PM		
	S. SOLL		\$0	\$0	\$0	\$0
	Meets: 6/24-7/17. Corequisite: BI-101-01.					

BI-102 GENERAL BIOLOGY; ANIMAL SYSTEMS, 4 CREDITS

An inquiry-based laboratory course focusing on human and animal body systems; including teratogens, Hox genes and hormone mimics in embryonic development. Activities emphasize comparisons across animal phyla to better understand the diversity of life. The class uses student centered activities in a collaborative learning environment to enhance appreciation of the animal kingdom. Recommended: MTH-060 or MTH-098 or placement in MTH-065; and WRD-098 or placement in WR-121

	BI-102-01	294543	MTWTH	8-10:14AM		
	D. GILKISON		\$412	\$32	\$50	\$494
	Meets: 7/18-8/12. Corequisite: BI-102L-01.					
WEB	BI-102-40	294546				
	T. BLACKWELL		\$412	\$32	\$90	\$534
	Online. Orientation on Moodle. Contact: toryb@clackamas.edu or 503-594-3646. Labs are completed at home using a kit available from the CCC Bookstore.					

BI-102L GENERAL BIOLOGY; ANIMAL SYSTEMS LAB, 0 CREDIT

Biology lab to the BI-102 lecture section. Corequisites: BI-102

	BI-102L-01	299129	MTWTH	10:15-12:20PM		
	D. GILKISON		\$0	\$0	\$0	\$0
	Meets: 7/18-8/12. Corequisite: BI-102-01.					

BI-103 GENERAL BIOLOGY; PLANTS & THE ECOSYSTEM, 4 CREDITS

An inquiry-based laboratory course focusing on plants and the ecosystem; including plant identification, population dynamics, productivity and energy flow. Activities include an integrated approach to understanding environmental issues and the impact of humans on the biosphere. The class uses student centered activities in a collaborative learning environment to enhance appreciation of the biological world. Recommended: MTH-060 or MTH-098 or placement in MTH-065; and WRD-098 or placement in WR-121

	BI-103-01	294547	MTWTH	8-10:14AM		
	STAFF		\$412	\$32	\$50	\$494
	Meets: 8/14-9/7. Corequisite: BI-103L-01.					
WEB	BI-103-40	294550				
	K. OSTLUND		\$412	\$32	\$90	\$534
	Online. Orientation on Moodle. Contact: kimo@clackamas.edu or 503-594-3953. Labs are completed at home using a kit available from the CCC Bookstore.					

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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BI-103L GENERAL BIOLOGY; PLANTS & THE ECOSYSTEM LAB, 0 CREDIT

Biology lab to the BI-103 lecture section. Corequisites: BI-103

	BI-103L-01	299130	MTWTH	10:15-12:20PM		
	STAFF		\$0	\$0	\$0	\$0
	Meets: 8/14-9/7. Corequisite: BI-103-01.					

BI-112 GENERAL BIOLOGY FOR HEALTH SCIENCES, 4 CREDITS

A one-term preparatory course that introduces the Health Occupations student to the scientific method, molecular and cellular biology, principles of inheritance, natural selection, tissues and organ systems. Topics and skills covered prepare students to enter BI-231, Anatomy & Physiology and BI-234, Introductory Microbiology. Recommended: MTH-060 or MTH-098 or placement in MTH-065, and WRD-098 or placement in WR-121 Recommended: CH-112

✓	BI-112-30	294551	TTH	9-10:50AM		
	G. KASUN		\$412	\$32	\$50	\$494
	Meets: 6/24-8/15. Corequisite: BI-112L-30. At Harmony Community Campus.					

✓	BI-112-31	294553	TTH	6-7:50PM		
	S. KELSEY		\$412	\$32	\$50	\$494
	Meets: 6/24-8/15. Corequisite: BI-112L-31. At Harmony Community Campus.					

BI-112L GENERAL BIOLOGY/HEALTH SCIENCE LAB, 0 CREDIT

Lab section to the BI-112 lecture section. Corequisites: BI-112

✓	BI-112L-30	299131	TTH	11-12:50PM		
	G. KASUN		\$0	\$0	\$0	\$0
	Meets: 6/24-8/15. Corequisite: BI-112-30. At Harmony Community Campus.					

✓	BI-112L-31	299132	TTH	8-9:50PM		
	S. KELSEY		\$0	\$0	\$0	\$0
	Meets: 6/24-8/15. Corequisite: BI-112-31. At Harmony Community Campus.					

BI-231 HUMAN ANATOMY & PHYSIOLOGY I, 4 CREDITS

A lab course designed for students entering the physical education or medically-related fields. Includes body organization, terminology, tissues and systemic study of the integumentary, skeletal and nervous systems. Animal organ dissection required. Prerequisites: BI-112 (preferred), or BI-101 and BI-102, or BI-211. CH-112 (preferred), or CH-104 and CH-105, or CH-221 and CH-222

✓	BI-231-30	294556	MTWTH	11:15-1:35PM		
	D. WATSON		\$412	\$32	\$50	\$494
	Meets: 6/24-7/17. Corequisite: BI-231L-30. At Harmony Community Campus.					

BI-231L HUMAN ANATOMY AND PHYSIOLOGY I LAB, 0 CREDIT

A lab section to the BI-231 lecture course. Corequisites: BI-231

✓	BI-231L-30	294559	MTTH	8-10:50AM		
	D. WATSON		\$0	\$0	\$0	\$0
	Meets: 6/24-7/17. Corequisite: BI-231-30. At Harmony Community Campus.					

BI-232 HUMAN ANATOMY & PHYSIOLOGY II, 4 CREDITS

Lab course covering structure and function of the muscular, cardiovascular, lymphatic, and respiratory systems. Animal organ dissection required. Prerequisites: BI-231 with a C or better

✓	BI-232-30	294562	MTWTH	11:15-1:35PM		
	D. WATSON		\$412	\$32	\$50	\$494
	Meets: 7/18-8/12. Corequisite: BI-232L-30. At Harmony Community Campus.					

BI-232L HUMAN ANATOMY AND PHYSIOLOGY II LAB, 0 CREDIT

A lab section for the BI-232 lecture course. Corequisites: BI-232

✓	BI-232L-30	294565	MTTH	8-10:50AM		
	D. WATSON		\$0	\$0	\$0	\$0
	Meets: 7/18-8/12. Corequisite: BI-232-30. At Harmony Community Campus.					

Continued

Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Biology, continued

BI-233 HUMAN ANATOMY & PHYSIOLOGY III, 4 CREDITS

Lab course covering neuroendocrine control, digestive, excretory and reproductive systems. Study of fluid, electrolyte and acid-base balance. Animal organ dissection required. Prerequisites: BI-232 with a C or better

✓	BI-233-20 B. KOP Corequisite: BI-233L-31.	294570	T	6:30-9:20PM	\$412 \$32 \$50	\$494
✓	BI-233-30 D. WATSON Meets: 8/13-9/7. Corequisite: BI-233L-30. At Harmony Community Campus.	294568	MTWTH	11:15-1:35PM	\$412 \$32 \$50	\$494

BI-233L HUMAN ANATOMY AND PHYSIOLOGY III LAB, 0 CREDIT

A lab section for the BI-233 lecture course. Corequisites: BI-233

✓	BI-233L-30 D. WATSON Meets: 8/13-9/7. Corequisite: BI-233-30. At Harmony Community Campus.	294572	MTTH	8-10:50AM	\$0 \$0 \$0	\$0
✓	BI-233L-31 C. YILDIRIMER Corequisite: BI-233-20. At Harmony Community Campus.	299133	TH	6:30-9:20PM	\$0 \$0 \$0	\$0

Business

BA-101 INTRODUCTION TO BUSINESS, 4 CREDITS

Introduces the American business system in a changing global environment. Disciplines covered include economics, entrepreneurship, formation, accounting, finance, marketing, and management. Recommended: WRD-090 or placement in WRD-098

WEB	BA-101-01 W. WATERS Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: billw@clackamas.edu or 503-594-3390.	294473			\$412 \$32 \$45	\$489
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BA-104 BUSINESS MATH, 3 CREDITS

Apply mathematics to a variety of problems and situations found in the business world, including: mark-ups and mark-downs; simple interest; present value and future value of single sums and annuities; and gains, losses, and valuations of stocks, bonds, mutual funds, and other investments. Also included are accounting-specific applications of depreciation, inventory valuation, and financial ratio analysis. This course meets the Related Instruction Computation requirement. Recommended: MTH-050 or MTH-098 with a C or better, or placement in MTH-050

WEB	BA-104-01 S. GREENE Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: shannong@clackamas.edu or 503-594-3680.	294474			\$309 \$24 \$45	\$378
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BA-111 GENERAL ACCOUNTING I, 4 CREDITS

This course introduces you to the terminology and processes of full-cycle, cash-basis bookkeeping for small service and merchandising businesses that have inventory. Specifically, you will learn how to analyze and record financial transactions, reconcile accounts and trial balances, and prepare basic financial statements. Additional topics include cash management and bank reconciliations, and accounting for sales and purchase discounts. Emphasis is on procedure and practice. Recommended: Placement in MTH-020, and BA-101 and BA-104 with a C or better

WEB	BA-111-01 J. SAN-CLAIRE Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: joan.san-claire@clackamas.edu or 503-594-3013. Online textbook included in section fees.	294475			\$412 \$32 \$182.40	\$626.40
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Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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BA-131 INTRODUCTION TO BUSINESS COMPUTING, 4 CREDITS

Introductory course using Microsoft Word, Excel, Access, and PowerPoint applications to create business documents, utilize the Internet, and file management. Recommended: BT-120, and WRD-090 or placement in WRD-098

WEB	BA-131-01 B. FORNEY Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: beverlyf@clackamas.edu or 503-594-3115. Online textbook included in the section fees. Student must have the following equipment and software: personal computer with MS Windows operating system, MS Office 2016 Professional, internet account including email, and access to WWW (DSL or cable connection recommended).	294476			\$412 \$32 \$144.95	\$588.95
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WEB	BA-131-02 B. FORNEY Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: beverlyf@clackamas.edu or 503-594-3115. Online textbook included in the section fees. Students must have the following equipment and software: personal computer with MS Windows 7 operating system, MS Office 2016 Professional, internet account including email, and access to WWW (DSL or cable connection recommended).	294477			\$412 \$32 \$144.95	\$588.95
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BA-206 MANAGEMENT FUNDAMENTALS, 4 CREDITS

Concepts and theories of management with focus on planning, organizing, leading, and controlling. Decision making, planning principles, global management, managing people and teams, effective communication, and motivation are included. Prerequisites: WRD-090 or placement in WRD-098 Recommended: BA-251

WEB	BA-206-01 S. PARKER Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: sharonp@clackamas.edu or 503-594-3075	294478			\$412 \$32 \$45	\$489
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BA-211 FINANCIAL ACCOUNTING I, 4 CREDITS

Student develops skills in the essential principles of accrual-basis financial accounting for service and merchandising companies. Topics cover the recording and reporting of financial transactions according to generally accepted accounting principles through the complete accounting cycle. Included are managing inventory, reconciling the cash account, internal controls, ratio analysis, ethics, and financial statement reporting. Emphasis is on procedure and process. Recommended: BA-104 and BA-111 Prerequisites: BA-101

WEB	BA-211-01 J. SAN-CLAIRE Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: joan.san-claire@clackamas.edu or 503-594-3013. Online textbook included in the section fees.	294479			\$412 \$32 \$105	\$549
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BA-212 FINANCIAL ACCOUNTING II, 4 CREDITS

BA-212 picks up where BA-211 left off with accrual accounting principles and practices for service and merchandising organizations. In this course, students examine several accounting practices more in depth, including accounts receivable, plant assets, investments, current and long-term liabilities, payroll, stockholders' equity, and the cash flow statement. Students are taught how to evaluate financial position through financial statement analysis. This second financial accounting course is designed for students who are interested in business in general, as well as those who are planning a career in accounting. Prerequisites: BA-211

WEB	BA-212-01 T. FRANK Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: thomasf@clackamas.edu or 503-594-3660. Online textbook included in section fees.	294480			\$412 \$32 \$85	\$529
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✓ Harmony or Wilsonville campus, other off campus location

WEB Online course - see page 14.

HYB Classroom/online course - see page 15.

LCT Low-Cost Text - see page 89.

TBA To be arranged: contact department first class

V Variable credit class: total cost reflects *maximum*

NEW New class

ESPAÑOL Taught in Spanish
Location code abbreviations:
See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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BA-213 DECISION MAKING WITH ACCOUNTING INFORMATION, 4 CREDITS

Building on the introduction to financial accounting in BA-211 and BA-212, BA-213 focuses on managerial accounting, which is the language of business for internal management in manufacturing and service organizations, and which drives effective pricing and operational decisions. Managerial accounting analyzes information about the costs of products and services, as well as for jobs and processes, and how costs flow through the system. Budgets convey an organization's plan of operations, while performance reports compare variances with actual results and examine KPIs. This course is recommended for those interested in business in general, as well as for those planning a career in accounting. Prerequisites: BA-212

WEB	BA-213-01	294481	J. SAN-CLAIRE	\$412	\$32	\$85	\$529
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: joan.san-claire@clackamas.edu or 503-594-3013. Online textbook included in section fees.							

BA-218 PERSONAL FINANCE, 4 CREDITS

Analysis and application of basic principles of personal finance including career planning, budgeting and spending, financial decision-making, use of credit, saving and investing, home purchase, taxes, risk management, retirement planning, estate planning, and other major personal finance topics. Prerequisites: MTH-020 or placement in MTH-050 or MTH-060, or BA-104; and WRD-090 or placement in WRD-098

WEB	BA-218-01	294482	S. PARKER	\$412	\$32	\$45	\$489
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: sharonp@clackamas.edu or 503-594-3075.							

BA-224 HUMAN RESOURCE MANAGEMENT, 4 CREDITS

Focuses on a practical, real world approach to Human Resource Management for line managers and Human Resource Managers. Introduces history and current legal environment of Human Resource Management and applies current practice in the functions of staffing, human resource development, compensation, safety and health, and employee and labor relations in both union and non-union environment. Recommended: WRD-090 or placement in WRD-098

WEB	BA-224-01	294483	M. MOISO	\$412	\$32	\$45	\$489
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: mmoiso@clackamas.edu or 503-594-3770.							

BA-226 BUSINESS LAW I, 4 CREDITS

Includes concepts, principles, and rules of law applicable to business and personal transactions, with emphasis on sources of law, the U.S. Constitution, personal and business torts and crimes, case-based applications, ethics, and consumer contract law. Recommended: WRD-090 or placement in WRD-098

WEB	BA-226-01	294484	M. MOISO	\$412	\$32	\$45	\$489
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: mmoiso@clackamas.edu or 503-594-3770.							

BA-249 RETAILING, 3 CREDITS

Provides an understanding of the types of retail businesses, strategies, operations, formats and environments through which retailing is carried out, including a multi-disciplinary approach to understand the structure of effective retail management. Recommended: WRD-090 or placement in WRD-098

WEB	BA-249-01	294485	T. FRANK	\$309	\$24	\$45	\$378
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: thomasf@clackamas.edu or 503-594-3660.							

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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BA-251 SUPERVISORY MANAGEMENT, 3 CREDITS

Addresses the role and responsibilities of the first-line supervisor or manager. Includes analyzing business, dealing with change, staffing and scheduling, leadership, decision-making, motivational skills, legal considerations, and managing teams. Recommended: WRD-090 or placement in WRD-098

WEB	BA-251-01	294486	S. PARKER	\$309	\$24	\$45	\$378
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: sharonp@clackamas.edu or 503-594-3075.							

BA-280 BUSINESS/CWE, 3-6V CREDITS

Cooperative work experience. On-the-job experience in a business related to the student's major course of study. Under supervision of instructor and employer. Variable Credit: 3-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Corequisites: CWE-281

BA-280-01	294487	J. EICHENBERGER	\$618	\$48	\$45	\$711V
Meets: 6/24-8/30. Contact: johne@clackamas.edu or 503-594-3647. Corequisite: CWE-281-06.						

BA-285 HUMAN RELATIONS IN BUSINESS, 4 CREDITS

Introduces the theory and practical application of human relations at the individual, group, and organizational levels. Emphasizes psychological principles that help build relationships among employees and employers. Includes goal setting, motivation, communication, leadership, conflict management, and individual and group behavior. Recommended: WRD-090 or placement in WRD-098

WEB	BA-285-01	294488	M. MOISO	\$412	\$32	\$45	\$489
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: mmoiso@clackamas.edu or 503-594-3770.							

Business Development Center

Registration for these workshops does not require college admission. Use Quick Entry Registration Form, or e-mail bizcenter@clackamas.edu for online registration instructions.

For more information on these classes or other questions regarding your small business needs, contact the Small Business Development Center (SBDC) at 503-594-0738. Website: www.bizcenter.org

Note: Registration for the following non-credit workshops does not require college admission.

SBM-010 REAL ESTATE BROKER LICENSE, 0 CREDIT

Prepares students to qualify for the Oregon Real Estate Broker's License exam by studying statutes, rules and anti-discrimination laws pertaining to the licensing and professional real estate activity required by all licensees of the State of Oregon.

✓	SBM-010-01	294344	T	6-8:50PM		
			S	9-4:50PM		
	STAFF		\$0	\$0	\$600	\$600
Meets: 6/25-9/7. At Harmony Community Campus.						

SBM-024 SMALL BUSINESS MANAGEMENT I, 0 CREDIT

Explores all stages of the business cycle to start, grow, buy, or sell a farm or ranch or sustain an existing farm or ranch. A variety of experienced speakers and exercises will provide helpful information in understanding the disciplines of purchasing, owning or selling an agricultural business.

✓	SBM-024-01	294347	TH	1-3:50PM		
	STAFF		\$0	\$0	\$200	\$200
Meets: 7/18, 8/15 & 9/19. At Harmony Community Campus.						

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Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Business Development Center, continued

XSBM-0003 GOING INTO BUSINESS, 0 CREDIT

Going Into Business orientation introduces the steps you need to take to start-up and successfully operate a small business in Oregon.

✓	XSBM-0003-01	294353	TH	6:30-9:20PM		
	J. SELBY		\$0	\$0	\$0	\$0
	Meets: 7/11. At Harmony Community Campus.					
✓	XSBM-0003-02	294354	TH	6:30-9:20PM		
	J. SELBY		\$0	\$0	\$0	\$0
	Meets: 8/1. At Harmony Community Campus.					
✓	XSBM-0003-03	294356	TH	6:30-9:20PM		
	J. SELBY		\$0	\$0	\$0	\$0
	Meets: 9/5. At Harmony Community Campus.					

XSBM-0010 PREPARING FOR THE CONSTRUCTION CONTRACTORS BOARD (CCB) EXAM, 0 CREDIT

This class will prepare students to qualify for and successfully pass the Construction Contractors Board (CCB) exam required for contractor certification in Oregon. The class is taught by a certified CCB education provider and fulfills the CCB pre-exam educational requirement as stipulated under Oregon Revised Statute 701.280.

✓	XSBM-0010-30	294360	FS	8-4:50PM		
	STAFF		\$0	\$0	\$425	\$425
	Meets: 7/12-7/13. At Harmony Community Campus.					
✓	XSBM-0010-31	294363	FS	8-4:50PM		
	STAFF		\$0	\$0	\$425	\$425
	Meets: 8/23-8/24. At Harmony Community Campus.					
✓ ESPAÑOL	XSBM-0010-34	294365	FS	8-4:50PM		
	STAFF		\$0	\$0	\$425	\$425
	Meets: 9/20-9/21. Taught in Spanish. At Harmony Community Campus.					

XSBM-0011 QUICKBOOKS PRO: PART I, 0 CREDIT

Learn how to set up and use QuickBooks. Students enter company, customer and vendor information, produce invoices, accept payments, make deposits and pay bills using QuickBooks.

✓	XSBM-0011-21	294367	W	6:10-9:00PM		
	STAFF		\$0	\$0	\$229	\$229
	Meets: 7/10-8/7. At Harmony Community Campus.					

Business Technology

BT-120 PERSONAL KEYBOARDING, 2 CREDITS

Basic instruction on electronic alphanumeric keyboard. Provides practice for speed and accuracy with individual program. Students will develop the necessary skills to effectively use the Internet, use email, and create simple documents.

WEB	BT-120-01	294489				
	S. SIMMONS		\$206	\$16	\$45	\$267
	Meets: 6/24-8/15. Online. Orientation: June 24, 6-7pm in M130. Contact: saras@clackamas.edu or 503-594-6674.					

BT-121 DATA ENTRY, 1 CREDIT

This course is designed to teach the computer numeric keypad by touch with speed and accuracy using industry standards for data entry. This skill is especially helpful to people in the fields of data entry, accounting, office administration, insurance, banking and finance, and any other work that requires numeric input.

WEB	BT-121-01	294490				
	S. SIMMONS		\$103	\$8	\$45	\$156
	Meets: 6/24-8/15. Online. Orientation: June 24, 6-7pm in M130. Contact: saras@clackamas.edu or 503-594-6674.					

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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BT-122 KEYBOARDING SKILLBUILDING, 2 CREDITS

Designed to improve typing proficiency using the standard keyboard. Students will refine and further develop speed and accuracy skills learned in BT-120 Personal Keyboarding as well as refine the proper formatting of various types of business letters, learn the proper format of an interoffice memo, and review and utilize proper email etiquette within a business setting. Students will utilize MS Word to create letters and memos. Prerequisites: BT-120

WEB	BT-122-01	294491				
	S. SIMMONS		\$206	\$16	\$45	\$267
	Meets: 6/24-8/15. Online. Orientation: June 24, 6-7pm in M130. Contact: saras@clackamas.edu or 503-594-6674.					

BT-160 WORD I, 3 CREDITS

Introductory-level course where students learn basic concepts of the Word software program. This course is designed for students who have no or little knowledge of Word.

WEB	BT-160-01	299374				
	B. FORNEY		\$309	\$24	\$135.30	\$468.30
	Online. Orientation: online.clackamas.edu Contact: beverlyf@clackamas.edu or 503-594-3115. Online textbook included in section fees. Please contact instructor for software version requirements for this course or use the Dye Academic Computer Lab at Clackamas for course work.					

Chemistry

CH-104 INTRODUCTORY CHEMISTRY, 5 CREDITS

A lab transfer course for students in nursing, allied health fields and liberal arts. Topics include: observation, measurement, composition, stoichiometry, atomic structure, periodic table, bonding and nomenclature. Prerequisites: MTH-065 or MTH-098 or placement in MTH-095; and WRD-090 or placement in WRD-098

HYB	CH-104-40	294581	TTH	12-4:50PM		
	M. KAPLAN/S. MCDONALD		\$515	\$40	\$65	\$620
	Hybrid. Meets: 6/24-8/15. Lecture online. Contact: martink@clackamas.edu or 503-594-3720 or shawn.mcdonald@clackamas.edu or 503-594-1669. Orientation on campus 6/25 at 12pm. Lab included.					

CH-105 INTRODUCTORY CHEMISTRY, 5 CREDITS

A laboratory course discussing heat; molecular and ionic interactions in solids, liquids, gases and solutions; chemical reactions including acid-base, electron transfer and equilibrium. Prerequisites: CH-104

HYB	CH-105-40	294586	TTH	12-4:50PM		
	M. KAPLAN/S. MCDONALD		\$515	\$40	\$65	\$620
	Hybrid. Meets: 6/24-8/15. Lecture online. Contact: martink@clackamas.edu or 503-594-3720 or shawn.mcdonald@clackamas.edu or 503-594-1669. Orientation on campus 6/25 at 12pm. Lab included.					

CH-106 INTRODUCTORY CHEMISTRY, 5 CREDITS

A lab course discussing organic and biochemistry. Prerequisites: CH-105

HYB	CH-106-40	294588	TTH	12-4:50PM		
	M. KAPLAN/S. MCDONALD		\$515	\$40	\$65	\$620
	Hybrid. Meets: 6/24-8/15. Lecture online. Contact: martink@clackamas.edu or 503-594-3720 or shawn.mcdonald@clackamas.edu or 503-594-1669. Orientation on campus 6/25 at 12pm. Lab included.					

✓ Harmony or Wilsonville campus, other off campus location

WEB Online course - see page 14.

HYB Classroom/online course - see page 15.

LCT Low-Cost Text - see page 89.

TBA To be arranged: contact department first class

V Variable credit class: total cost reflects *maximum*

NEW New class

ESPAÑOL Taught in Spanish
Location code abbreviations:
See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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CH-112 CHEMISTRY FOR HEALTH SCIENCES, 4 CREDITS

One-term preparatory chemistry course for students who want to take BI-231 and/or BI-234. Includes measurement; atomic structure; periodic table; bonding; nomenclature; heat; molecular and ionic interactions in solids; liquids and solutions; chemical reactions including acid-base; organic chemistry; and biochemistry. Prerequisites: MTH-065 or MTH-098 with a C or better or placement in MTH-095 Prerequisites: WRD-090 or placement in WRD-098 Recommended: BI-112

✓	CH-112-30	294590	MW	9-10:50AM		
	S. RAY		\$412	\$32	\$45	\$489
	Meets: 6/24-8/15. Corequisite: CH-112L-30. At Harmony Community Campus.					

✓	CH-112-31	294592	MW	6-7:50PM		
	C. DU BOULAY		\$412	\$32	\$45	\$489
	Meets: 6/24-8/15. Corequisite: CH-112L-31. At Harmony Community Campus.					

CH-112L CHEMISTRY FOR THE HEALTH SCIENCES LAB, 0 CREDIT

Lab section for CH-112 lecture course. Corequisites: CH-112

✓	CH-112L-30	299134	MW	11-12:50PM		
	S. RAY		\$0	\$0	\$0	\$0
	Meets: 6/24-8/15. Corequisite: CH-112-30. At Harmony Community Campus.					

✓	CH-112L-31	299135	MW	8-9:50PM		
	C. DU BOULAY		\$0	\$0	\$0	\$0
	Meets: 6/24-8/15. Corequisite: CH-112-31. At Harmony Community Campus.					

CH-221 GENERAL CHEMISTRY, 5 CREDITS

Transfer lab course for science, engineering, and professional majors. Covers the nature of chemistry, atomic theory, electron configuration, structure, bonding, properties, composition and nomenclature of covalent and ionic substances. Introduces organic chemistry and biochemistry topics. Prerequisites: CH-104 and CH-105, or CH-150, with a C or better; or a year of high school chemistry within five academic years of beginning CH-221 (passed all terms with C or higher)

LCT	CH-221-01	294594	TW	1-2:20PM		
	G. BURGESS		\$515	\$40	\$45	\$600
	Corequisites: CH-221L-01 & CH-221S-01.					

CH-221L GENERAL CHEMISTRY LAB, 0 CREDIT

Lab course for the CH-221 lecture course. Corequisites: CH-221

CH-221L-01	299136	TH	2-4:50PM			
G. BURGESS		\$0	\$0	\$0	\$0	\$0
Corequisites: CH-221-01 & CH-221S-01.						

CH-221S GENERAL CHEMISTRY SEMINAR, 0 CREDIT

Seminar course for the CH-221 lecture course. Corequisites: CH-221 Recommended: Course is recommended for gerontology students or allied health students

CH-221S-01	299137	TH	1-1:50PM			
G. BURGESS		\$0	\$0	\$0	\$0	\$0
Corequisites: CH-221-01 & CH-221L-01.						

CH-223 GENERAL CHEMISTRY, 5 CREDITS

A lab course discussing states of matter, solutions, acids and bases, electrochemistry, nuclear chemistry, and spectroscopy. Topics involving organic chemistry and biochemistry are introduced. Prerequisites: CH-222

LCT	CH-223-01	294598	TW	9-10:20AM		
G. BURGESS		\$515	\$40	\$45	\$600	
Corequisites: CH-223L-01 & CH-223S-01.						

CH-223L GENERAL CHEMISTRY LAB, 0 CREDIT

Lab course for the CH-223 lecture course. Corequisites: CH-223

CH-223L-01	299139	TH	10-12:50PM			
G. BURGESS		\$0	\$0	\$0	\$0	\$0
Corequisites: CH-223-01 & CH-223S-01.						

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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CH-223S GENERAL CHEMISTRY SEMINAR, 0 CREDIT

Seminar course for the CH-223 lecture course. Corequisites: CH-223

CH-223S-01	299140	TH	9-9:50AM			
G. BURGESS		\$0	\$0	\$0	\$0	\$0
Corequisites: CH-223-01 & CH-223L-01.						

Clinical Lab Assistant

The CCC Clinical Laboratory Assistant/Phlebotomy program is a three-term program of 45-47 credits which prepares graduates for entry level practice in the laboratory setting.

College Success

See also Human Development & Leadership for related classes.

Communication Studies

COMM-100 BASIC SPEECH COMMUNICATION, 3 CREDITS

Explores interpersonal and small group dynamics and communication skills in day-to-day formal and informal situations. Examines positive self-concept, listening skills, verbal and non-verbal modes of communication, and clarity of expression. Designed for non-transfer students.

COMM-100-01	294137	TTH	2-3:50PM			
M. WILLIAMS		\$309	\$24	\$0	\$333	
Meets Weeks of: 6/24-8/15.						

COMM-111 PUBLIC SPEAKING, 4 CREDITS

Practice in organization, research and delivery of a variety of speeches. Prerequisites: WRD-098 or placement in WR-121

LCT	COMM-111-01	294145	MW	9-11:45AM		
	K. HUGHES		\$412	\$32	\$20	\$464
	Meets Weeks of: 6/24-8/15.					

✓ LCT	COMM-111-30	294153	TTH	9-11:45AM		
	K. BRENNAN		\$412	\$32	\$20	\$464
	Meets Weeks of: 6/24-8/15. At Harmony Community Campus.					

LCT	COMM-111-02	294150	MW	1-3:45PM		
	K. HUGHES		\$412	\$32	\$20	\$464
	Meets Weeks of: 6/24-8/15.					

LCT	COMM-111-03	299147	MW	6-8:45PM		
	K. HUGHES		\$412	\$32	\$20	\$464
	Meets Weeks Of: 6/24-8/15.					

✓ LCT	COMM-111-31	294157	TTH	6-8:45PM		
	K. BRENNAN		\$412	\$32	\$20	\$464
	Meets Weeks of: 6/24-8/15. At Harmony Community Campus.					

COMM-218 INTERPERSONAL COMMUNICATION, 4 CREDITS

The interpersonal communication process is examined through lectures, reading, and exercises. Subjects include personal and professional relationships, goal-setting, first impressions, conflict resolution, non-verbal messages, image building, self-concepts and assertiveness. Recommended: WRD-098 or placement in WR-121

✓	COMM-218-30	294160	TTH	1-3:45PM		
	K. BRENNAN		\$412	\$32	\$0	\$444
	Meets Weeks of: 6/24-8/15. At Harmony Community Campus.					

COMM-280 SPEECH/CWE, 2-6V CREDITS

Cooperative work experience. Provides students with on-the-job experience in the field of communications. Variable Credit: 2-6 credits. Required: Student Petition. Corequisites: CWE-281

COMM-280-01	294163					
K. BRENNAN		\$618	\$48	\$45	\$711V	
Meets Weeks of: 6/24-8/15. Required: Student Petition.						

Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Computer-Aided Drafting Technology

Call 503-594-3318 for more information, or contact the Student Success Center, 503-594-3475.

CDT-108A INTRODUCTION TO SOLIDWORKS, 3 CREDITS

This course is an introduction to the SolidWorks parametric mechanical software. Students will design 3D solid parts, sheet metal parts and assemblies, and develop 2D documentation from them.

CDT-108A-01	294576	TTH	4:30-8:45PM			
STAFF		\$309	\$24	\$135	\$468	
Meets: 6/24-8/15.						

Computer Science

CS-120 SURVEY OF COMPUTING, 4 CREDITS

A computer competency course to familiarize students with computer concepts, software applications and the implications of living in the digital age. Introduces students to computer concepts, including, but not limited to the Microsoft Windows environment, Microsoft Office Applications, hardware terminology, social media and the Internet. Prerequisites: CS-090 or placement in CS-120 and WRD-098 or placement in WR-121

WEB	CS-120-30	294165				
	D. SARGENT		\$412	\$32	\$52	\$496
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: dianas@clackamas.edu or 503-594-3830. Required: Flashdrive, 128mb minimum.						

CS-125H HTML & WEB SITE DESIGN, 3 CREDITS

Hands-on approach to planning, design, and developing published web sites using HTML tags in a text editor. The class focuses on basic HTML coding using HTML 5 models. Hyperlinks, images, cascading style sheets, forms, accessibility and design principles will be covered, as well as tools such as site management, validators, and page editors. Recommended: CS-120 or equivalent experience

WEB	CS-125H-30	294166				
	M. SORRENTINO		\$309	\$24	\$52	\$385
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: marias@clackamas.edu or 503-594-3853.						

CS-280 COMPUTER SCIENCE/CWE, 1-6V CREDITS

Cooperative work experience provides supervised work experience to supplement the school experience from the academic classroom environment. Examples would be providing user support, work with computer applications or programming languages, install or manage PC computer systems, and developing websites. Variable Credit: 1-6 credits. May be repeated for up to 9 credits. Required: Student Petition. Prerequisites: BA-131, CS-140, and CS-160 Corequisites: CWE-281

CS-280-01	294168					
R. ALBERS		\$618	\$48	\$45	\$711V	
Meets: 6/24-8/30. Restricted to Computer Science students. Corequisite: CWE-281-05. Contact: richa@clackamas.edu or 503-594-3166.						

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Cooperative Work Experience

All students must register for the appropriate CWE course and a CWE Seminar as listed in the following section, Cooperative Work Experience Seminar. Instructor approval is required for all CWE courses. Note: day and time of CWE classes are arranged according to the student's work hours on the job. Students may earn a maximum of 6 CWE credits per term or a maximum of 12 CWE credits per year. Visit the department website at <http://depts.clackamas.edu/cwe/> or call 503-594-3511 for more information.

AB-280 COLLISION REPAIR/CWE, 2-6V CREDITS

Cooperative work experience. Work-based learning experience in an auto body repair shop. Variable Credit: 2-6 credits. Required: Student Petition. Corequisites: CWE-281

AB-280-01	294521					
M. HOUSE		\$618	\$48	\$45	\$711V	
Required: Student Petition.						

AM-280 AUTO MECHANICS/CWE, 1-6V CREDITS

Cooperative work experience. Work-related learning experience in an auto repair shop or auto dealership. Variable Credit: 1-6 credits. Required: Student Petition. Corequisites: CWE-281

AM-280-01	294529					
R. LOCKWOOD/N. MILLER		\$618	\$48	\$45	\$711V	
Required: Student Petition.						

BA-280 BUSINESS/CWE, 3-6V CREDITS

Cooperative work experience. On-the-job experience in a business related to the student's major course of study. Under supervision of instructor and employer. Variable Credit: 3-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Corequisites: CWE-281

BA-280-01	294487					
J. EICHENBERGER		\$618	\$48	\$45	\$711V	
Meets: 6/24-8/30. Contact: johne@clackamas.edu or 503-594-3647. Corequisite: CWE-281-06.						

CJA-280 CRIMINAL JUSTICE/CORRECTIONS/CWE, 2-6V CREDITS

Cooperative work experience. Supervised experience in criminal justice, corrections, juvenile corrections, or related occupations. Variable Credit: 2-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Prerequisites: CJA-170 Corequisites: CWE-281

✓	CJA-280-01	294061				
	S. FURNO		\$618	\$48	\$45	\$711V
Contact: sharron.furno@clackamas.edu or 503-594-6224. At Harmony Community Campus.						

CJA-281 CRIMINAL JUSTICE/CORRECTIONS/CWE, 2-6V CREDITS

Cooperative work experience. Supervised experience in criminal justice, corrections, juvenile corrections, or related occupations. Variable Credit: 2-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Prerequisites: CJA-170 and CJA-280 Corequisites: CWE-281

✓	CJA-281-01	294062				
	S. FURNO		\$618	\$48	\$45	\$711V
Corequisite: CWE-281-06. Contact: sharron.furno@clackamas.edu or 503-594-6224. At Harmony Community Campus.						

✓ Harmony or Wilsonville campus, other off campus location

WEB Online course - see page 14.

HYB Classroom/online course - see page 15.

LCT Low-Cost Text - see page 89.

TBA To be arranged: contact department first class

V Variable credit class: total cost reflects *maximum*

NEW New class

ESPAÑOL Taught in Spanish
Location code abbreviations:
See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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COMM-280 SPEECH/CWE, 2-6V CREDITS

Cooperative work experience. Provides students with on-the-job experience in the field of communications. Variable Credit: 2-6 credits. Required: Student Petition. Corequisites: CWE-281

COMM-280-01 294163

K. BRENNAN \$618 \$48 \$45 \$711V
Meets Weeks of: 6/24-8/15. Required: Student Petition.

CS-280 COMPUTER SCIENCE/CWE, 1-6V CREDITS

Cooperative work experience provides supervised work experience to supplement the school experience from the academic classroom environment. Examples would be providing user support, work with computer applications or programming languages, install or manage PC computer systems, and developing websites. Variable Credit: 1-6 credits. May be repeated for up to 9 credits. Required: Student Petition. Prerequisites: BA-131, CS-140, and CS-160 Corequisites: CWE-281

CS-280-01 294168

R. ALBERS \$618 \$48 \$45 \$711V
Meets: 6/24-8/30. Restricted to Computer Science students. Corequisite: CWE-281-05. Contact: richa@clackamas.edu or 503-594-3166.

DMC-280 DIGITAL MEDIA COMMUNICATIONS/CWE, 3-6V CREDITS

Cooperative work experience. Provides students with on-the-job work experience in the field of media studies. Variable Credit: 3-6 credits. Required: Student Petition. Corequisites: CWE-281

DMC-280-01 294600

T. WASSON \$618 \$48 \$45 \$711V
Meets Weeks Of: 6/24-8/15. Required: Student Petition.

ECE-280 EARLY CHILDHOOD EDUCATION/CWE, 3 CREDITS

Cooperative work experience. Provides students with on-the-job experience in the field of early childhood education. Students will work nine hours a week in pre-approved educational settings that serve children from six weeks old through age eight. Variable Credit: 2-6 credits. Required: Student Petition. Prerequisites: ECE-121, ECE-150, and ECE-154 Corequisites: CWE-281

ECE-280-01 294494

D. GLASCOCK \$309 \$24 \$45 \$378
On-campus sessions 6/25, 7/23 & 8/20 from 4-5:30pm.
Contact: denise.glascock@clackamas.edu.

ENG-280 ENGLISH/CWE, 2-6V CREDITS

Cooperative work experience. Provides students with on-the-job experience in the field of English studies. Variable Credit: 2-6 credits. Required: Student Petition. Corequisites: CWE-281

ENG-280-01 294503

C. BURNELL \$618 \$48 \$45 \$711V
Meets: 6/24-8/15. Corequisite: CWE-281-06.

FRP-280 WILDLAND FIRE CWE, 3 CREDITS

Cooperative Work Experience. Provides students with on-the-job experience in the field of wildland firefighting. May be repeated for up to 6 credits. Required: Student Petition. Prerequisites: FRP-131 (S-131/S-133) Corequisites: CWE-281

FRP-280-01 294574

STAFF \$309 \$24 \$45 \$378
Corequisite CWE-281-06. Prior to registering, review the registration process and complete the online application to the program at <http://www.clackamas.edu/CWE-Students.aspx>. Contact: jeff.ennenga@clackamas.edu.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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GRN-280 GERONTOLOGY/CWE, 2-6V CREDITS

Cooperative work experience. Acquaint gerontology students with the roles and related activities of organizations serving the elderly. This course provides an opportunity to apply theories and techniques learned in the classroom. Variable Credit: 2-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Corequisites: CWE-281 Prerequisite or Corequisite: HS-170

GRN-280-01 294070

J. STEINBERG \$618 \$48 \$45 \$711V
Meets: 6/24-8/15. Corequisite: CWE-281-06. Contact: jessicas@clackamas.edu.

HOR-280 HORTICULTURE/CWE, 3 CREDITS

On-the-job experience in the student's major course of study. Students are allowed to enroll after completing nine credits of horticulture courses. May be repeated for up to 6 credits. Required: Student Petition. Corequisites: CWE-281 Required: Students are expected to work a minimum of 90 job site hours

HOR-280-01 294619

F. KILDERS \$309 \$24 \$45 \$378
Meets: 6/24-8/29. Contact: Frank Kilders at frank.kilders@clackamas.edu or 503-594-3011.

HOR-281 HORTICULTURE/CWE, 6 CREDITS

On-the-job experience in the student's major course of study. Students are allowed to enroll after completing nine credits of horticulture courses. May be repeated for up to 12 credits. Required: Student Petition. Required: Students are expected to work a minimum of 180 job site hours Corequisites: CWE-281

HOR-281-01 294622

F. KILDERS \$618 \$48 \$45 \$711
Meets: 6/24-8/29. Contact: Frank Kilders at frank.kilders@clackamas.edu or 503-594-3011.

HOR-282 HORTICULTURE/CWE, 3 CREDITS

On-the-job experience in the student's major course of study. Students are allowed to enroll after completing nine credits of horticulture courses. May be repeated for up to 6 credits. Required: Student Petition. Required: Students are expected to work a minimum of 90 job site hours Corequisites: CWE-281

HOR-282-01 294625

F. KILDERS \$309 \$24 \$45 \$378
Meets: 6/24-8/29. Contact: Frank Kilders at frank.kilders@clackamas.edu or 503-594-3011.

HOR-284 ORGANIC FARMING - CAMPUS FARM/CWE, 3 CREDITS

Experiential learning of organic farming techniques, while working on the Campus Farm. Students learn ecological and sustainable practices, principles and management strategies, and will participate in marketing the produce. Students are allowed to enroll after completing nine credits of Organic Farming courses. Class includes a lab component. Required: Student Petition. Required: Students are expected to work a minimum of 108 job site hours Corequisites: CWE-281

HOR-284-01 294629

T 8-12:00PM
T 12:30-1:50PM
W 9-1:30PM
A. LAFAVE \$309 \$24 \$95 \$428
Meets: 6/26-9/4. Contact: Annika Lafave at annika.lafave@clackamas.edu

Continued

Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Cooperative Work Experience, continued

HOR-285 ORGANIC FARMING/CWE, 3 CREDITS

On-the-job experience working with an agricultural business/farm. Students are allowed to enroll in CWE after completing nine credits of Organic Farming courses. May be repeated for up to 6 credits. Required: Student Petition. Required: Students are expected to work a minimum of 90 job site hours Corequisites: CWE-281

HOR-285-01	294634					
F. KILDERS		\$309	\$24	\$45	\$378	
Meets: 6/24-8/29. Contact: Frank Kilders at frank.kilders@clackamas.edu or 503-594-3011.						

HS-280 HUMAN SERVICES GENERALIST I: CWE/PRACTICUM, 2-6V CREDITS

Cooperative work experience. Supervised experience in human services including but not limited to: social service; early childhood care; criminal/juvenile justice; gerontology; and other occupations. Variable Credit: 2-6 credits. May be repeated for up to 12 credits. Required: Student Petition. Prerequisites: HS-170 Corequisites: CWE-281

HS-280-01	294514					
J. CURRY		\$618	\$48	\$45	\$711V	
Required: Student Petition. Corequisite: CWE-281-06. Contact: jacqueline.curry@clackamas.edu						

HS-281 HUMAN SERVICES GENERALIST II: CWE/PRACTICUM, 2-6V CREDITS

Cooperative work experience level II. Supervised experience in human services including but not limited to: social service; early childhood care; criminal/juvenile justice; gerontology; and other related occupations. Variable Credit: 2-6 credits. May be repeated for up to 12 credits. Required: Student Petition. Prerequisites: HS-170 Corequisites: CWE-281

HS-281-01	294516					
J. STEINBERG/J. CURRY		\$618	\$48	\$45	\$711V	
Required: Student Petition. Corequisite: CWE-281-06. Contact: jacqueline.curry@clackamas.edu.						

HS-282 HUMAN SERVICES GENERALIST III: CWE/PRACTICUM, 2-6V CREDITS

Cooperative work experience level III. Supervised experience in human services including but not limited to: social service; early childhood care; criminal/juvenile justice; gerontology, and other related occupations. Variable Credit: 2-6 credits. May be repeated for up to 12 credits. Required: Student Petition. Prerequisites: HS-170 Corequisites: CWE-281

HS-282-01	294517					
J. STEINBERG/J. CURRY		\$618	\$48	\$45	\$711V	
Required: Student Petition. Corequisite: CWE-281-06. Contact: jacqueline.curry@clackamas.edu.						

J-280 JOURNALISM/CWE, 2-6V CREDITS

Cooperative work experience. Provides the student with on-the-job experience and training related to journalism. Variable Credit: 2-6 credits. Required: Student Petition. Corequisites: CWE-281

J-280-01	294170					
M. JONES		\$618	\$48	\$45	\$711V	
Meets Weeks of: 6/25-8/16. Required: Student Petition.						

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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J-280A PUBLIC RELATIONS/CWE, 2-6V CREDITS

Cooperative work experience. Provides the student with on-the-job experience and training related to public relations. Variable Credit: 2-6 credits. Required: Student Petition.

J-280A-01	294174					
M. JONES		\$618	\$48	\$45	\$711V	
Meets Weeks of: 6/25-8/16. Required: Student Petition.						

MFG-280 MANUFACTURING TECHNOLOGY/CWE, 1-6V CREDITS

Cooperative work experience. Practical experience in the manufacturing trades. Coordination of instruction will occur with industry and the manufacturing and cooperative work departments. Variable Credit: 1-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Corequisites: CWE-281

MFG-280-01	294687					
M. MATTSON		\$618	\$48	\$45	\$711V	
Required: Student Petition. Corequisite: CWE-281-06. Contact: Mike Mattson at 503-594-3322.						

MUS-280 MUSIC/CWE, 2-6V CREDITS

Cooperative work experience. Provides students with on-the-job work experience in the field of music. Variable Credit: 2-6 credits. Required: Student Petition. Prerequisites: MUS-107, MUS-140, and MUS-142 Corequisites: CWE-281

LCT	MUS-280-01	294169				
	C. DOGGETT		\$618	\$48	\$144	\$810V
	Required: Student Petition.					
	MUS-280-02	299098				
	G. HARRIS		\$618	\$48	\$144	\$810V
	Required: Student Petition.					

RET-280 RENEWABLE ENERGY/CWE, 1-12V CREDITS

Cooperative work experience. Major emphasis on work-based learning experience in the renewable energy field. Coordination of instruction and evaluation of student job performance will be provided by college faculty in conjunction with the student's employer/supervisor. Variable Credit: 1-12 credits. Required: Student Petition. Corequisites: CWE-281

RET-280-01	294706					
A. FOUHY		\$1236	\$96	\$75	\$1407V	
Corequisite: CWE-281-06. Contact Abe Fouhy at abef@clackamas.edu or 503-594-3659.						

SM-280 ELECTRONICS & MICROELECTRONICS/CWE, 1-6V CREDITS
Cooperative work experience. Practical experience in the high-tech industry. Coordination of instruction will occur with industry and the manufacturing and cooperative work departments. Variable Credit: 1-6 credits. Required: Student Petition. Corequisites: CWE-281

SM-280-01	294708					
M. MATTSON		\$618	\$48	\$45	\$711V	
Corequisite: CWE-281-06. Contact Mike Mattson at 503-594-3322.						

TTL-180 TRANSPORTATION & LOGISTICS/CWE, 6 CREDITS

Cooperative work experience in the Transportation & Logistics field. Supervision and evaluation of the student's job performance will be provided by qualified staff of the college and employer. Variable Credit: 1-6 credits. Required: Student Petition. Corequisites: CWE-281

✓	TTL-180-01	294715				
	P. GOFF		\$0	\$0	\$711	\$711
Meets Weeks of: 6/24-8/15. Required: Student Petition. Contact: Matt Goff at matt.goff@clackamas.edu or 503-594-1684. At Clackamas.						

✓ Harmony or Wilsonville campus, other off campus location

WEB Online course - see page 14.

HYB Classroom/online course - see page 15.

LCT Low-Cost Text - see page 89.

TBA To be arranged: contact department first class

V Variable credit class: total cost reflects *maximum*

NEW New class

ESPAÑOL Taught in Spanish
Location code abbreviations:
See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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WET-180 WATER & ENVIRONMENTAL PROJECTS I, 5 CREDITS

Practical work experience in a municipal industrial treatment, distribution, or collection system. Placement in consulting firms, federal and state regulatory agencies, BLM, BPA, and other regulated governmental organizations. Variable Credit: 1-5 credits. Corequisites: CWE-281

WET-180-01	294719					
M. LAFORCE			\$515	\$40	\$22	\$577
Corequisite: CWE-281-03. Required: Student Petition.						

WET-280 WATER & ENVIRONMENTAL PROJECTS II, 5 CREDITS

Practical work experience in a municipal industrial treatment, distribution, or collection system. Placement in consulting firms, federal and state regulatory agencies, BLM, BPA, and other regulated governmental organizations. Practical experience in a municipal, public or private wastewater treatment facility of specific activated sludge design. Process loading criteria, data acquisition and trend charting, and relevant sanitary process strategies will be addressed. Prerequisite or Corequisite: CWE-281

WET-280-01	294720					
M. LAFORCE			\$515	\$40	\$22	\$577
Meets: 6/24-9/7. Corequisite: CWE-281-03. Required: Student Petition.						

WLD-280 WELDING TECHNOLOGY/CWE, 1-6V CREDITS

Cooperative work experience in the welding trades. Worksites to be determined prior to registering for this class. Skills learned from welding classes will be applied while working at a job site. Goals for this class will be established with the company supervisor, instructor, and student. An online seminar is also required to complete this course. Variable Credit: 1-6 credits. May be repeated for up to 9 credits. Required: Student Petition. Corequisites: CWE-281

WLD-280-01	294741					
B. MULLIGAN			\$618	\$48	\$45	\$711V
Corequisite: CWE-281-06. Contact: bruce.mulligan@clackamas.edu or 503-594-6677.						

Cooperative Work Experience: Seminar

"COREQUISITE" seminars for Cooperative Work Experience classes listed above. All students must register for the appropriate Cooperative Work Experience class and a seminar section.

CWE-281 COOPERATIVE WORK EXPERIENCE SEMINAR, 0 CREDIT

The seminar provides an opportunity to develop the career management skills necessary to obtain, sustain, and advance in employment. Prepares students for career success. Corequisites: Program specific CWE course

CWE-281-05	294075	W	12-12:50PM			
R. ALBERS			\$0	\$0	\$0	\$0
Required: Student Petition. Meets Weeks Of: 6/24-8/15. Restricted to Computer Science students only.						

CWE-281-03	294073					
M. LAFORCE			\$0	\$0	\$40	\$40
Restricted to Water & Environmental Technology students only. Online. Orientation: online.clackamas.edu. Contact: laforce@clackamas.edu or 503-594-3148.						

CWE-281-04	294074					
M. LAFORCE			\$0	\$0	\$40	\$40
Restricted to Water & Environmental Technology students only. Online. Orientation: online.clackamas.edu. Contact: laforce@clackamas.edu or 503-594-3148.						

CWE-281-06	294076					
J. STAPLETON			\$0	\$0	\$40	\$40
Online. Orientation: online.clackamas.edu. Contact: jodis@clackamas.edu or 503-594-3857.						

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Criminal Justice

For more information on Criminal Justice, Corrections, credit for completion of D.P.S.S.T. or law enforcement academies contact Ida Flippo at iflipp@clackamas.edu or 503-594-3363.

CJA-110 INTRODUCTION TO LAW ENFORCEMENT, 3 CREDITS

Explores theories, philosophies, and concepts of American law enforcement. This course also examines the history of law enforcement, specific components of the system, public safety responses, and the professionals charged with peace keeping.

WEB	CJA-110-01	299145				
	S. FURNO		\$309	\$24	\$40	\$373
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: sharron.furno@clackamas.edu At Harmony Community Campus.						

CJA-137 MASS MURDER AND SERIAL KILLERS, 3 CREDITS

Explores the phenomenon of both mass murders and serial killings, and the impact each has both upon society and individual victims. Examines recent and historically notorious cases, while probing issues such as causation, social environmental linkage, and the mindset of offenders. May be repeated for up to 3 credits.

WEB	CJA-137-01	294060				
	W. BABST		\$309	\$24	\$40	\$373
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: wendib@clackamas.edu At Harmony Community Campus.						

CJA-280 CRIMINAL JUSTICE/CORRECTIONS/CWE, 2-6V CREDITS

Cooperative work experience. Supervised experience in criminal justice, corrections, juvenile corrections, or related occupations. Variable Credit: 2-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Prerequisites: CJA-170 Corequisites: CWE-281

✓	CJA-280-01	294061				
	S. FURNO		\$618	\$48	\$45	\$711V
Contact: sharron.furno@clackamas.edu or 503-594-6224. At Harmony Community Campus.						

CJA-281 CRIMINAL JUSTICE/CORRECTIONS/CWE, 2-6V CREDITS

Cooperative work experience. Supervised experience in criminal justice, corrections, juvenile corrections, or related occupations. Variable Credit: 2-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Prerequisites: CJA-170 and CJA-280 Corequisites: CWE-281

✓	CJA-281-01	294062				
	S. FURNO		\$618	\$48	\$45	\$711V
Corequisite: CWE-281-06. Contact: sharron.furno@clackamas.edu or 503-594-6224. At Harmony Community Campus.						

Dental Assistant

The CCC Dental Assistant program is a three-term program of 53-54 credits.

Digital Media Communications

DMC-280 DIGITAL MEDIA COMMUNICATIONS/CWE, 3-6V CREDITS

Cooperative work experience. Provides students with on-the-job work experience in the field of media studies. Variable Credit: 3-6 credits. Required: Student Petition. Corequisites: CWE-281

DMC-280-01	294600					
T. WASSON			\$618	\$48	\$45	\$711V
Meets Weeks Of: 6/24-8/15. Required: Student Petition.						

Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Economics

EC-201 PRINCIPLES OF ECONOMICS: MICRO, 4 CREDITS

Focuses on micro-economic theory dealing with the behavior of individuals and profit-maximizing firms in market structures with varying degrees of completion. Coverage includes price theory, international trade, consumer behavior, the theory of the firm, and the potential role of government in affecting market outcomes. Prerequisites: MTH-020 or placement in MTH-098
Prerequisite or Corequisite: WRD-098 or placement in WR-121
Recommended: Sequence of EC-201 and EC-202 taken in order

	EC-201-01	299112	TTH	12-2:45PM		
	M. WISMER		\$412	\$32	\$0	\$444
	Meets: 6/25-8/15.					
✓	EC-201-15	294492	MW	6-9:50PM		
	M. WISMER		\$412	\$32	\$0	\$444
	Meets: 6/24-7/24. At Wilsonville Campus.					

EC-202 PRINCIPLES OF ECONOMICS: MACRO, 4 CREDITS

Introduction to economic theory, policy, and institutions. Focuses on macro-economic theory, scarcity, production, money, unemployment, inflation, and international finance. Prerequisites: MTH-020 or placement in MTH-050 or MTH-060 Prerequisite or Corequisite: WRD-098 or placement in WR-121 Recommended: Sequence of EC-201 and EC-202 taken in order

✓	EC-202-15	294493	MW	6-9:50PM		
	M. WISMER		\$412	\$32	\$0	\$444
	Meets: 7/29-8/28. At Wilsonville Campus.					

Education

ECE-280 EARLY CHILDHOOD EDUCATION/CWE, 3 CREDITS

Cooperative work experience. Provides students with on-the-job experience in the field of early childhood education. Students will work nine hours a week in pre-approved educational settings that serve children from six weeks old through age eight. Variable Credit: 2-6 credits. Required: Student Petition. Prerequisites: ECE-121, ECE-150, and ECE-154 Corequisites: CWE-281

	ECE-280-01	294494	T	4-5:30PM		
	D. GLASCOCK		\$309	\$24	\$45	\$378
	On-campus sessions 6/25, 7/23 & 8/20 from 4-5:30pm. Contact: denise.glascock@clackamas.edu.					

ED-169 OVERVIEW OF STUDENTS WITH SPECIAL NEEDS, 3 CREDITS

Provides an introduction to the categories of disability described in the Individuals with Disabilities Education Act (IDEA). Topics include definitions under federal law, implications in school settings, and intervention strategies to meet students' special needs.

WEB	ED-169-01	294496				
	T. GOWDY		\$309	\$24	\$40	\$373
	Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: tami.gowdy@clackamas.edu					

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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ED-246 SCHOOL, FAMILY & COMMUNITY RELATIONS, 4 CREDITS

Focuses on the knowledge and skills to work effectively with families and community professionals in early childhood education (6 weeks of age through 3rd grade). Emphasis is on building and maintaining positive relationships to foster cooperation and mutual respect between early childhood professionals and the families of the children with whom they are working.

WEB	ED-246-01	294498				
	B. KING		\$412	\$32	\$40	\$484
	Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: briana.king@clackamas.edu					

Electronics & Microelectronics

All degree seeking students should arrange to speak to a faculty advisor prior to registering. Call 503-594-3318 for more information, or contact the Student Success Center, 503-594-3475.

SM-280 ELECTRONICS & MICROELECTRONICS/CWE, 1-6V CREDITS

Cooperative work experience. Practical experience in the high-tech industry. Coordination of instruction will occur with industry and the manufacturing and cooperative work departments. Variable Credit: 1-6 credits. Required: Student Petition. Corequisites: CWE-281

	SM-280-01	294708				
	M. MATTSON		\$618	\$48	\$45	\$711V
	Corequisite: CWE-281-06. Contact Mike Mattson at 503-594-3322.					

Emergency Medical Technology

EMT-102 EMERGENCY MEDICAL TECHNOLOGY PART II, 5 CREDITS

Continuation of EMT-101. Focus on: medical and trauma emergencies, EMS operations, and special populations. Includes 16 hours of observational time in an emergency department and with an EMS unit. Prerequisites: EMT-101

✓	EMT-102-01	294077	TTH	6-9:30PM		
	T. SAWZAK		\$515	\$40	\$320	\$875
	Contact: tanas@clackamas.edu 16 observational hours/TBA. State/national certification exams, dates/TBA. At Harmony Community Campus.					

XHPD-C001 CPR-INITIAL, 0.6 CEU

This workshop meet the learning outcomes to earn an American Heart Association (AHA) BLS for the Healthcare Provider CPR card. This meets both initial certification or renewal of AHA Healthcare Provider CPR card requirements. Open registration.

✓	XHPD-C001-01	299124	T	9-2:50PM		
	T. SAWZAK		\$0	\$0	\$75	\$75
	Meets: 7/16. Recommended: Purchase and read text prior to class, "AHA BLS for Healthcare Providers." May be purchased through CCC Harmony Bookstore. At Harmony Community Campus.					
✓	XHPD-C001-02	299125	TH	9-2:50PM		
	T. SAWZAK		\$0	\$0	\$0	\$0
	Meets: 7/25. Recommended: Purchase and read text prior to class, "AHA BLS for Healthcare Providers." May be purchased through CCC Harmony Bookstore. At Harmony Community Campus.					

✓ Harmony or Wilsonville campus, other off campus location

WEB Online course - see page 14.

HYB Classroom/online course - see page 15.

LCT Low-Cost Text - see page 89.

TBA To be arranged: contact department first class

V Variable credit class: total cost reflects *maximum*

NEW New class

ESPAÑOL Taught in Spanish
Location code abbreviations:
See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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English as a Second Language

All new students attending classes at CCC campus or Harmony campus must enroll in ESL-082-01 or ESL-082-06. Call 503-594-3234 for campus appointment and 503-594-3234 for Harmony appointment.

Todos los estudiantes de nuevo ingreso que asisten a clases en CCC en Oregon City o Harmony en Milwaukie, deberán inscribirse en la clase ESL-082-01 o ESL-082-06. Llame al 503-594-3234 si quiere ir al campus en Oregon City, o al 503-594-3234 si quiere ir al campus de Harmony en Milwaukie.

ESL-012 BEGINNING ESL, 0 CREDIT

English language learners speak and listen to simple words, phrases, questions, statements and commands using common English vocabulary in simple, highly-structured tasks. Required: Student Petition.

	ESL-012-01	294257	MTTH	9-10:50AM		
	STAFF		\$0	\$0	\$50	\$50
	Meets: 6/24-8/15.					
✓	ESL-012-06	294262	MW	6-8:50PM		
	STAFF		\$0	\$0	\$50	\$50
	Meets: 6/24-8/15. At Harmony Community Campus.					

ESL-014 BEGINNING READING & WRITING, 0 CREDIT

English language learners read and write the alphabet, sight words, and simple sentences. Required: Student Petition.

✓	ESL-014-06	294265	TTH	7-8:50PM		
	STAFF		\$0	\$0	\$25	\$25
	Meets: 6/24-8/15. At Harmony Community Campus.					

ESL-020 UPPER BEGINNING GRAMMAR, 0 CREDIT

English language learners study and practice basic verb forms (simple present and present progressive), and adverbs of frequency in written and spoken English. Required: Student Petition.

	ESL-020-01	294267	TTH	11:30-1:20PM		
	STAFF		\$0	\$0	\$25	\$25
	Meets: 6/24-8/15.					
✓	ESL-020-06	294268	MW	7-8:50PM		
	STAFF		\$0	\$0	\$25	\$25
	Meets: 6/24-8/15. At Harmony Community Campus.					

ESL-024 UPPER BEGINNING READING & WRITING, 0 CREDIT

English language learners read short texts to improve reading skills, write simple, compound, and complex sentences, and write related sentences in paragraph form for the contexts of school, work, family and community. Required: Student Petition.

	ESL-024-01	294270	MTWTH	9-10:50AM		
	STAFF		\$0	\$0	\$50	\$50
	Meets: 6/24-8/15.					

ESL-025 UPPER BEGINNING WRITING, 0 CREDIT

English language learners write simple, compound, and complex sentences, and write related sentences in paragraph form for the contexts of school, work, family and community. Required: Student Petition.

✓	ESL-025-06	294273	TTH	7-8:50PM		
	STAFF		\$0	\$0	\$25	\$25
	Meets: 6/24-8/15. At Harmony Community Campus.					

ESL-031 INTERMEDIATE GRAMMAR B, 0 CREDIT

One of a two-part series. English language learners study and practice simple past and past progressive verb forms, present perfect verb forms with time expressions, and comparative and superlative adjectives and adverbs. Required: Student Petition.

	ESL-031-01	299170	TTH	11:30-1:20PM		
	STAFF		\$0	\$0	\$25	\$25
	Meets: 6/24-8/15.					
✓	ESL-031-06	299197	MW	7-8:50PM		
	STAFF		\$0	\$0	\$25	\$25
	Meets: 6/24-8/15. At Harmony Community Campus.					

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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ESL-032 INTERMEDIATE CONVERSATION, 0 CREDIT

English language learners study and practice speaking and listening skills and strategies in structured tasks to improve fluency in the contexts of school, work, family and community. Required: Student Petition.

ESL-032-01	294276	MW	11:30-1:20PM			
STAFF		\$0	\$0	\$25	\$25	
Meets: 6/24-8/15.						

ESL-034 INTERMEDIATE READING & WRITING, 0 CREDIT

English language learners read a variety of texts to improve reading skills, and write paragraphs focused on a single topic developed with logically organized facts and details for the contexts of school, work, family and community. Required: Student Petition.

ESL-034-01	294278	MTWTH	9-10:50AM			
STAFF		\$0	\$0	\$50	\$50	
Meets: 6/24-8/15.						

ESL-035 INTERMEDIATE WRITING, 0 CREDIT

English language learners write paragraphs focused on a single topic developed with logically organized facts and details for the contexts of school, work, family and community. Required: Student Petition.

✓	ESL-035-06	294279	TTH	7-8:50PM		
	STAFF		\$0	\$0	\$25	\$25
	Meets: 6/24-8/15. At Harmony Community Campus.					

ESL-042 UPPER INTERMEDIATE CONVERSATION, 0 CREDIT

English language learners study and practice speaking and listening skills and strategies for independent communication to improve fluency in the contexts of school, work, family and community. Required: Student Petition.

ESL-042-01	294283	MW	11:30-1:20PM			
STAFF		\$0	\$0	\$25	\$25	
Meets: 6/24-8/15.						

ESL-044 UPPER INTERMEDIATE READING & WRITING, 0 CREDIT

English language learners read a variety of texts to improve reading skills, and produce basic multi-paragraph texts for the contexts of school, work, family and community. Required: Student Petition.

ESL-044-01	294285	MTWTH	9-10:50AM			
STAFF		\$0	\$0	\$50	\$50	
Meets: 6/24-8/15.						

ESL-047 EDITING PART 1, 0 CREDIT

English language learners improve their writing through editing. Required: Student Petition.

✓	ESL-047-06	299271	TTH	7-8:50PM		
	STAFF		\$0	\$0	\$25	\$25
	Meets: 6/24-8/15. At Harmony Community Campus.					

ESL-051 ADVANCED GRAMMAR B, 0 CREDIT

One of a three-part series. English language learners study and practice count/non-count nouns, definite/indefinite articles, and noun clauses in written and spoken English. Required: Student Petition.

ESL-051-01	294293	TTH	11:30-1:20PM			
STAFF		\$0	\$0	\$25	\$25	
Meets: 6/24-8/15.						

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Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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English as a Second Language, continued

ESL-053 ADVANCED COMMUNICATION SKILLS 2, 0 CREDIT

English language learners practice speaking and listening strategies for effective communication for discussions, interviews, presentations, and note-taking to improve fluency in speaking and listening. Students will study the important effect intonation and body language have on meaning, build vocabulary and critical thinking skills, and develop confidence in speaking with purpose. The focus of this course is to prepare students for success in the workplace and community. Required: Student Petition.

ESL-053-01	294296	MW	11:30-1:20PM	\$0	\$0	\$25	\$25
STAFF							
Meets: 6/24-8/15.							

ESL-054 ADVANCED READING & WRITING, 0 CREDIT

English language learners develop writing skills including summarizing, response writing, and paraphrasing, and improve writing fluency. Develop reading skills and fluency through reading a range of texts on a variety of topics. Required: Student Petition.

ESL-054-01	294298	MTWTH	9-10:50AM	\$0	\$0	\$50	\$50
STAFF							
Meets: 6/24-8/15.							

ESL-055 ADVANCED GRAMMAR C, 0 CREDIT

One of a three-part series. English language learners study and practice gerunds, infinitives, passive voice, and adjective clauses in written and spoken English. Required: Student Petition.

✓ ESL-055-06	299198	MW	7-8:50PM	\$0	\$0	\$25	\$25
STAFF							
Meets: 6/24-8/15. At Harmony Community Campus.							

ESL-082 ASSESS/EVALUATE NEW STUDENTS, 0 CREDIT

New students in the ESL program receive information about classes offered, departmental and college policies, college services available, campus facilities, student responsibilities, and community resources. Students are tested to determine their language levels and class placement. Required: Student Petition.

ESL-082-01	294304	TBA	TBA	\$0	\$0	\$25	\$25
STAFF							
Meets: 6/24-8/15.							

✓ ESL-082-06	294306	TBA	TBA	\$0	\$0	\$25	\$25
STAFF							
Meets: 6/24-8/15. At Harmony Community Campus.							

ESL-083 EDUCATIONAL PLANNING FOR RETURNING STUDENTS, 0 CREDIT

Designed for returning students in the ESL program at CCC. Students meet with their instructors to review their progress, revisit their goals, register for classes, and learn how to transition to other educational and training opportunities at the college and in other community programs. Required: Student Petition.

ESL-083-01	294307	TBA	TBA	\$0	\$0	\$0	\$0
STAFF							
Meets: 6/24-8/15.							

✓ ESL-083-06	294308	TBA	TBA	\$0	\$0	\$0	\$0
STAFF							
Meets: 6/24-8/15. At Harmony Community Campus.							

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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ESL-091 ESL SKILLS LAB, 0 CREDIT

English language learners are provided the opportunity to intensify their learning at each level. Students build on the language learning skills and strategies acquired during the previous and current terms. Required: Student Petition.

ESL-091-01	294309	MTWTH	1:30-2:20PM	\$0	\$0	\$15	\$15
STAFF							
Meets: 6/24-8/15.							

ESL-199 CAREER GOALS LAB, 0 CREDIT

English language learners who have already identified a career they want to pursue engage in goal setting around academic programs or other training, financial planning and support planning. The course may be taken multiple terms until the student successfully transitions to an academic program, a training program, or a living wage job.

✓ ESL-199-06	299373			\$0	\$0	\$10	\$10
STAFF							

PIE-012 BEGINNING ESL, 0 CREDIT

English language learners speak and listen to simple words, phrases, questions, statements and commands using common English vocabulary in simple, highly-structured tasks. Required: Student Petition.

PIE-012-01	294313	MTTH	9-10:50AM	\$618	\$48	\$480	\$1146
STAFF							
Meets: 6/24-8/15.							

PIE-020 UPPER BEGINNING GRAMMAR, 0 CREDIT

English language learners study and practice basic verb forms (simple present, and present progressive) and adverbs of frequency in written and spoken English. Required: Student Petition.

PIE-020-01	294315	TTH	11:30-1:20PM	\$309	\$24	\$240	\$573
STAFF							
Meets: 6/24-8/15.							

PIE-024 UPPER BEGINNING READING & WRITING, 0 CREDIT

English language learners read short texts to improve reading skills, write simple, compound, and complex sentences, and write related sentences in paragraph form for the contexts of school, work, family and community. Required: Student Petition.

PIE-024-01	294318	MTWTH	9-10:50AM	\$618	\$48	\$480	\$1146
STAFF							
Meets: 6/24-8/15.							

PIE-031 INTERMEDIATE GRAMMAR B, 0 CREDIT

One of a two-part series. English language learners study and practice simple past verb forms, 'used to', present perfect verb forms with time expressions, and comparative and superlative adjectives and adverbs. Required: Student Petition.

PIE-031-01	299171	TTH	11:30-1:20PM	\$309	\$24	\$240	\$573
STAFF							
Meets: 6/24-8/15.							

PIE-032 INTERMEDIATE CONVERSATION, 0 CREDIT

English language learners study and practice speaking and listening skills and strategies in structured tasks to improve fluency in the contexts of school, work, family and community. Required: Student Petition.

PIE-032-01	294320	MW	11:30-1:20PM	\$309	\$24	\$240	\$573
STAFF							
Meets: 6/24-8/15.							

✓ Harmony or Wilsonville campus, other off campus location

WEB Online course - see page 14.

HYB Classroom/online course - see page 15.

LCT Low-Cost Text - see page 89.

TBA To be arranged: contact department first class

V Variable credit class: total cost reflects *maximum*

NEW New class

ESPAÑOL Taught in Spanish
Location code abbreviations:
See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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PIE-034 INTERMEDIATE READING & WRITING, 0 CREDIT

English language learners read a variety of texts to improve reading skills, and write paragraphs focused on a single topic developed with logically organized facts and details for the contexts of school, work, family and community. Required: Student Petition.

PIE-034-01	294323	MTWTH	9-10:50AM	\$618	\$48	\$480	\$1146
STAFF							
Meets: 6/24-8/15.							

PIE-042 UPPER INTERMEDIATE CONVERSATION, 0 CREDIT

English language learners study and practice speaking and listening skills and strategies for independent communication to improve fluency in the contexts of school, work, family and community. Required: Student Petition.

PIE-042-01	294326	MW	11:30-1:20PM	\$309	\$24	\$240	\$573
STAFF							
Meets: 6/24-8/15.							

PIE-044 UPPER INTERMEDIATE READING & WRITING, 0 CREDIT

English language learners read a variety of texts to improve reading skills, and produce basic multi-paragraph texts for the contexts of school, work, family and community. Required: Student Petition.

PIE-044-01	294328	MTWTH	9-10:50AM	\$618	\$48	\$480	\$1146
STAFF							
Meets: 6/24-8/15.							

PIE-051 ADVANCED GRAMMAR B, 0 CREDIT

One of a three-part series. English language learners study and practice count/non-count nouns, definite/indefinite articles, and noun clauses in written and spoken English. Required: Student Petition.

PIE-051-01	299168	TTH	11:30-1:20PM	\$309	\$24	\$240	\$573
STAFF							
Meets: 6/24-8/15.							

PIE-053 ADVANCED COMMUNICATION SKILLS 2, 0 CREDIT

English language learners practice speaking and listening strategies for effective communication for discussions, interviews, presentations, and note-taking to improve fluency in speaking and listening. Students will study the important effect intonation and body language have on meaning, build vocabulary and critical thinking skills, and develop confidence in speaking with purpose. The focus of this course is to prepare students for success in the workplace and community. Required: Student Petition.

PIE-053-01	294333	MW	11:30-1:20PM	\$309	\$24	\$240	\$573
STAFF							
Meets: 6/24-8/15.							

PIE-054 ADVANCED READING & WRITING, 0 CREDIT

English language learners develop writing skills including summarizing, response writing, and paraphrasing, and improve writing fluency. Develop reading skills and fluency through reading a range of texts on a variety of topics. Required: Student Petition.

PIE-054-01	294335	MTWTH	9-10:50AM	\$618	\$48	\$480	\$1146
STAFF							
Meets: 6/24-8/15.							

PIE-091H PIE SKILLS LAB SECOND YEAR SU, 0 CREDIT

This second year course is intended to intensify students' learning at each level. Summer term, students build on the language learning skills and strategies acquired during the previous and current terms. Required: Student Petition.

PIE-091H-01	294339	MTWTH	1:30-2:20PM	\$309	\$24	\$240	\$573
STAFF							
Meets: 6/24-8/15.							

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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PIE-095 PIE TUTORING, 0 CREDIT

English language learners in the Program for Intensive English receive one-on-one instruction in conversation, pronunciation, reading, grammar, writing, or GED preparation. The student meets with a tutor or instructor and work on the above skill areas. Required: Student Petition.

PIE-095-01	294342	TBA	TBA	\$309	\$24	\$0	\$333
STAFF							
Meets: 6/24-8/15.							

XCIV-0001 CITIZENSHIP PREPARATION, 0 CREDIT

Prepares students to pass the oral exam for U.S. citizenship. Students study U.S. history, government, citizens' rights and responsibilities, and U.S. symbols independently through a self-paced, online distance learning course, and periodic meetings with the Volunteer Tutor Coordinator, taking quizzes after completing separate modules.

XCIV-0001-01	294350	T	1:30-2:30PM	\$0	\$0	\$0	\$0
STAFF							
Meets: 6/24-8/15. Required: Student Petition. Contact: Michelle Culley at 503-594-3624.							

English Composition

See "Writing" for all writing and English composition classes.

English Literature

ENG-104 INTRODUCTION TO LITERATURE: FICTION, 4 CREDITS

An introduction to American and international short stories, with a focus on the fundamental elements of fiction. Also examines the historical, social, and cultural background and significance of fiction. Students engage in literary analysis, use literary terminology, and develop personal and scholarly responses to fiction. Recommended: WRD-098 or placement in WR-121

LCT	ENG-104-01	299118	TTH	12-2:35PM			
	C. BURNELL			\$412	\$32	\$0	\$444
Meets: 6/24-8/15.							

ENG-105 INTRODUCTION TO LITERATURE: DRAMA, 4 CREDITS

An introduction to American and international drama, emphasizing reading, appreciation, discussion, and literary analysis. Focuses on defining the genre and elements of drama, encouraging students' personal reflections and cultural understanding, incorporating relevant literary theories, and practicing the close reading and analysis of dramatic works. Recommended: WRD-098 or placement in WR-121

HYB LCT	ENG-105-30	294499	M	6-8:35PM			
	P. CRUMRINE			\$412	\$32	\$20	\$464
Hybrid. Meets: 6/24-8/15 every Monday plus online hours. Contact: crumrine@clackamas.edu or 503-594-3976. At Harmony Community Campus.							

ENG-255 AMERICAN LITERATURE, 4 CREDITS

Focus on selected authors and works of American fiction, poetry, nonfiction, and drama. Theme changes yearly. Recommended: WRD-098 or placement in WR-121

WEB LCT	ENG-255-01	299119					
	S. PESZNECKER			\$412	\$32	\$40	\$484
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: susanpz@clackamas.edu or 503-594-3799.							

Continued

Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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English Literature, continued

ENG-260 INTRODUCTION TO WOMEN WRITERS, 4 CREDITS

The study of the works (e.g. plays, poems, fiction, new media) created by women writers, both classic and contemporary, with an emphasis on women's evolving social, historical, and economic roles. Recommended: WRD-098 or placement in WR-121

WEB LCT	ENG-260-01	294502				
	T. DONNELLY		\$412	\$32	\$40	\$484
	Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: tdonnelly@clackamas.edu or 503-594-6159.					

ENG-280 ENGLISH/CWE, 2-6V CREDITS

Cooperative work experience. Provides students with on-the-job experience in the field of English studies. Variable Credit: 2-6 credits. Required: Student Petition. Corequisites: CWE-281

	ENG-280-01	294503				
	C. BURNELL		\$618	\$48	\$45	\$711V
	Meets: 6/24-8/15. Corequisite: CWE-281-06.					

Environmental Learning Center

We also offer field trips and other educational opportunities for K-12 students. Please contact rharber@clackamas.edu for more information.

Family Studies

HDF-260 UNDERSTANDING CHILD ABUSE AND NEGLECT, 4 CREDITS

In this course, students will receive an overview of child abuse and neglect. Students will examine the types and causes of abuse, abused children, abusive parents, treatment, education and prevention, and resources available to assist children and families. An emphasis is placed upon intervention and mandatory reporting, as well as investigation and legal issues. This course presents the protocols related to forensic interviewing of abused children. Students will also learn about signs and symptoms of abuse and how trauma impacts an individual's health across a lifetime.

WEB	HDF-260-01	294511				
	S. FURNO		\$412	\$32	\$40	\$484
	Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: sharron.furno@clackamas.edu					

Fire Science (Wildland)

FRP-280 WILDLAND FIRE CWE, 3 CREDITS

Cooperative Work Experience. Provides students with on-the-job experience in the field of wildland firefighting. May be repeated for up to 6 credits. Required: Student Petition. Prerequisites: FRP-131 (S-131/S-133) Corequisites: CWE-281

	FRP-280-01	294574				
	STAFF		\$309	\$24	\$45	\$378
	Corequisite CWE-281-06. Prior to registering, review the registration process and complete the online application to the program at http://www.clackamas.edu/CWE-Students.aspx . Contact: jeff.ennenga@clackamas.edu .					

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Food & Nutrition

FN-110 PERSONAL NUTRITION, 3 CREDITS

This course explores how nutrition affects health and fitness for the individual and the family. Students apply knowledge of nutrition guidelines to analyze personal diet and improve current food preparation and habits. It is a basic nutrition course for students with little or no science background.

WEB	FN-110-01	294079				
	J. NICKELL		\$309	\$24	\$137.50	\$545.50
	Online. Orientation: online.clackamas.edu Contact: jennifer.nickell@clackamas.edu At Harmony Community Campus. Online textbook included in section fees.					

FN-225 NUTRITION, 4 CREDITS

This course explores the role of nutrients in the development and maintenance of a healthy body. The course examines the relationship between diet and health. Students apply knowledge of nutritional adequacy through computer-aided diet analysis. It discusses current nutrition recommendations and controversies. The course meets requirements for most nursing programs. Recommended: A strong background in anatomy and physiology, biology or chemistry

WEB	FN-225-01	294080				
	J. NICKELL		\$412	\$32	\$95	\$539
	Online. Orientation: online.clackamas.edu Contact: jennifer.nickell@clackamas.edu This class fulfills the nutrition requirement for most nursing programs. At Harmony Community Campus.					
WEB	FN-225-02	294081				
	J. NICKELL		\$412	\$32	\$95	\$539
	Online. Orientation: online.clackamas.edu Contact: jennifer.nickell@clackamas.edu This class fulfills the nutrition requirement for most nursing programs. At Harmony Community Campus.					

General Education Development (GED)

GED Classes offered Days and Evenings

Students will be placed in the appropriate class based on their schedules and intake assessments. To begin the intake process, please call 503-594-3028 for orientation information.

GED Days/Dye Learning Center: D-133, MTWTH, 9-11:50AM

ABE/GED Days/Harmony Campus: H140, MTWTH, 1-3:50PM

GED Evenings/Dye Learning Center: D-133, M/W, 5:30-7:50PM

GED-011 GED EN ESPAÑOL, 0 CREDIT

Instrucción del desarrollo de habilidades básicas ofrecida en español. El examen de diagnóstico determina las necesidades académicas del alumno. Entrada y salida de la clase todo el tiempo, se ofrece en el colegio principal: Se requiere el consentimiento del Instructor para registrarse.

Basic academic skill development instruction offered in Spanish. Diagnostic tests determine individual academic needs. Open-entry, open-exit class offered at Dye Learning Center. Required: Student Petition.

ESPAÑOL	GED-011-01	294063	MW	5:30-7:50PM		
	A. ARISTIZABAL		\$0	\$0	\$50	\$50
	Meets Weeks of: 6/26-8/17. Contact: Adriana Aristizabal at 503-594-3916.					
✓ ESPAÑOL	GED-011-02	294064	TTH	6-8:50PM		
	A. ARISTIZABAL		\$0	\$0	\$50	\$50
	Meets Weeks of: 6/26-8/17. Contact: Adriana Aristizabal at 503-594-3916. At Harmony Community Campus.					

✓ Harmony or Wilsonville campus, other off campus location	WEB Online course - see page 14.	LCT Low-Cost Text - see page 89.	V Variable credit class: total cost reflects <i>maximum</i>	ESPAÑOL Taught in Spanish Location code abbreviations: See Campus Map, page 92.
	HYB Classroom/online course - see page 15.	TBA To be arranged: contact department first class	NEW New class	

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Geographic Information Systems (GIS)

All degree seeking students should arrange to speak to a faculty advisor prior to registering. Call 503-594-3318 for more information, or contact the Student Success Center, 503-594-3475.

GIS-201 INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS, 3 CREDITS

The class covers key concepts, methodologies, and problem solving techniques used in a Geographic Information System (GIS). Students are introduced to the basics of viewing, analyzing and mapping GIS data using ArcGIS and open-source GIS software. Students will also apply GIS to real-world projects.

HYB	GIS-201-01 STAFF	299334	TTH	5-7:50PM	\$309 \$24	\$90	\$423
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Hybrid. Meets Tuesdays and Thursdays plus additional online hours.

Geography

GEO-100 INTRODUCTION TO PHYSICAL GEOGRAPHY, 4 CREDITS

Analyzes the physical elements of the Earth's surface and atmosphere. Focuses on natural processes that create physical diversity on the Earth including weather and climate, biosphere, soils and landforms. Recommended: WRD-090 or placement in WRD-098

	GEO-100-01	294510	MW	12-2:45PM	\$412	\$32	\$0	\$444
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C. FELDMAN
Meets: 6/24-8/14.

Geology

G-145 GEOLOGY OF THE PACIFIC NORTHWEST, 4 CREDITS

An introductory lab course that explores the geology and historic development of Northwest with an emphasis on Oregon geology. Each of the geologic regions is examined by using basic geologic principles, rock types, hazards and the Northwest's tectonic history. Required: Two Saturday field trips

LCT	G-145-01	299141	MW	9-11:50AM				
			S	TBA	\$412	\$32	\$55	\$499

B. WALKER
Meets: 6/24-8/15. Lab included. Two Saturday field trips required: 7/13 & 8/3.

Gerontology

GRN-280 GERONTOLOGY/CWE, 2-6V CREDITS

Cooperative work experience. Acquaint gerontology students with the roles and related activities of organizations serving the elderly. This course provides an opportunity to apply theories and techniques learned in the classroom. Variable Credit: 2-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Corequisites: CWE-281 Prerequisite or Corequisite: HS-170

	GRN-280-01	294070			\$618	\$48	\$45	\$711V
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J. STEINBERG
Meets: 6/24-8/15. Corequisite: CWE-281-06. Contact: jessicas@clackamas.edu.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Health

HE-163 BODY & DRUGS I: INTRODUCTION TO ABUSE & ADDICTION, 3 CREDITS

The first of a four-course sequence, this course examines the history of the use of addictive drugs, the definition of addiction, psychosocial and neurobiological causes of drug and behavioral addiction, addictive drug classifications, and the history of/ introduction to addiction treatment.

✓	HE-163-01	299079	MW	9-10:50AM	\$309	\$24	\$0	\$333
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T. PANTAGES
Meets: 6/24-8/21 At Harmony Community Campus.

HE-204 NUTRITION & WEIGHT CONTROL, 3 CREDITS

Methods of maintaining or improving nutrition by considering diets and dieting, obesity, types of exercise, physical testing, cardio-vascular fitness and nutritional concepts.

WEB	HE-204-01	294604			\$309	\$24	\$40	\$373
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K. STEEN
Meets Weeks of: 6/24-8/15. Online. Orientation: online.clackamas.edu.
Contact: kaylas@clackamas.edu or 503-594-6394.

HE-250 PERSONAL HEALTH, 3 CREDITS

Explores the interaction and the quality of life. Includes emotional behavior, drugs, disease, nutrition, human sexuality, cardiovascular functioning, and medical care.

WEB	HE-250-01	294607			\$309	\$24	\$40	\$373
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K. STEEN
Meets Weeks of: 6/24-8/15. Online. Orientation: online.clackamas.edu.
Contact: kaylas@clackamas.edu or 503-594-6394.

HE-252 FIRST AID/CPR/AED, 3 CREDITS

Provides instruction on immediate and temporary care of injuries and sudden illness. Covers poisoning, control of bleeding, bandaging and CPR/AED/airway obstruction for adult, child and infant. Successful completion (A or B grade) of course leads to a Red Cross First Aid/CPR/AED certification.

HYB	HE-252-01	294609	MW	4-5:50PM	\$309	\$24	\$55	\$388
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K. ARIZO
Hybrid. Meets: 8/12 & 8/14; additional hours online. Contact: kevina@clackamas.edu or 503-594-3270.

Healthcare Professional Development

XHPD-C001 CPR-INITIAL, 0.6 CEU

This workshop meet the learning outcomes to earn an American Heart Association (AHA) BLS for the Healthcare Provider CPR card. This meets both initial certification or renewal of AHA Healthcare Provider CPR card requirements. Open registration.

✓	XHPD-C001-01	299124	T	9-2:50PM	\$0	\$0	\$75	\$75
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T. SAWZAK
Meets: 7/16. Recommended: Purchase and read text prior to class, "AHA BLS for Healthcare Providers." May be purchased through CCC Harmony Bookstore. At Harmony Community Campus.

✓	XHPD-C001-02	299125	TH	9-2:50PM	\$0	\$0	\$0	\$0
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T. SAWZAK
Meets: 7/25. Recommended: Purchase and read text prior to class, "AHA BLS for Healthcare Providers." May be purchased through CCC Harmony Bookstore. At Harmony Community Campus.

Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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High School Diploma (AHSD)

The Adult High School Diploma program is designed for students who have earned at least 14 credits. Students who are under 18 years old or whose high school class has not graduated must have an official CCC referral or a release from compulsory attendance to begin the program. Classes are assigned individually. Please contact the Skills Development Department at 503-594-3028.

History

HST-101 HISTORY OF WESTERN CIVILIZATION, 4 CREDITS

Origins and development of Western Civilization with a primary focus on Europe from ancient times to ca. 1300. Recommended: WRD-090 or placement in WRD-098

✓	HST-101-30	294520	MW	9-11:45AM		
	J. JARVIE		\$412	\$32	\$0	\$444
	Meets: 6/24-8/14. At Harmony Community Campus.					

HST-102 HISTORY OF WESTERN CIVILIZATION, 4 CREDITS

Origins and development of Western Civilization with an emphasis on Europe from ca. 1300 to 1800. Recommended: WRD-090 or placement in WRD-098

WEB	HST-102-01	294522				
	P. MCFARLAND		\$412	\$32	\$40	\$484
	Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: patmc@clackamas.edu or 503-594-3411.					

HST-103 HISTORY OF WESTERN CIVILIZATION, 4 CREDITS

Development of Western Civilization with an emphasis on Europe from the 19th century to the present. Recommended: WRD-090 or placement in WRD-098

WEB	HST-103-01	294524				
	P. MCFARLAND		\$412	\$32	\$40	\$484
	Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: patmc@clackamas.edu or 503-594-3411.					

HST-201 HISTORY OF THE UNITED STATES, 4 CREDITS

Covers the period in American history from first European contact to the Age of Jackson. Prerequisite or Corequisite: WRD-098 or placement in WR-121 Recommended: Sequence of HST-201, HST-202, and HST-203 is taken in order

LCT	HST-201-01	299238	TTH	9-11:45AM		
	C. PRESTI		\$412	\$32	\$40	\$484
	Meets: 6/25-8/15. Online textbook included in section fees.					

Horticulture/Arboriculture/Landscape/Organic Farming

For more information call 503-594-3292.

XHOR-0012 SMALL FARM SCHOOL, 0 CREDIT

For small acreage farmers and rural landowners in the North Willamette Valley. Hands-on workshops and classroom topics will cover business and marketing, vegetable crops, the fruits, equipment, livestock, pasture, beginning farmers, policy, and soil, and water.

XHOR-0012-01	299244	TH	8-4:50PM			
STAFF		\$0	\$0	\$0	\$0	
Printed Comments: Meets: 7/18. For Registration and class information go to bit.ly/osusmallfarmschool or contact Heidi at heidi.noordijk@oregonstate.edu or 971-801-0392. Fee is \$75.						

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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XHOR-C013 LAWS, RULES AND BUSINESS PRACTICES FOR LANDSCAPE CONTRACTORS, 0.4 CEU

This class serves as a review for the Oregon Landscape Contractors Board's Laws, Rules and Business Practices exam. An applicant that passes one phase of the practical skills "hands-on" exam (Planting or Irrigation) may choose to take this course in lieu of the full written Laws, Rules and Business Practice exam. Check with the LCB for exam registration and details.

XHOR-C013-01	299242	S	8-11:50AM			
A. CHASTAIN		\$0	\$0	\$100	\$100	
Meets: 7/27.						

XHOR-C013S LEYES, REGLAS Y PR-CTICAS DE NEGOCIOS PARA CONTRATISTAS DE PAISAJES (LANDSCAPING), 0.4 CEU

Esta clase sirve como un repaso para el examen de Leyes, Reglas y Prácticas de Negocio de la Oregon Landscape Contractors Board. Un candidato que pase una fase del examen práctico de habilidades prácticas (Plantación o Riego) puede optar por tomar este curso en lugar del examen completo de Leyes, Normas y Prácticas de Negocios. Consulte con la LCB para el registro y detalles del examen.

XHOR-C013S-01	299243	S	1-4:50PM			
A. CHASTAIN		\$0	\$0	\$100	\$100	
Meets: 7/27.						

HOR-146 FRUIT & BERRY GROWING, 3 CREDITS

Regionally appropriate fruit and berry production practices that are suitable for urban areas and small farms. Class will utilize the Home Orchard Society's demonstration orchard located on campus. Class includes a lab component.

HOR-146-01	294611	W	2-5:50PM			
T. LORDY		\$309	\$24	\$40	\$373	
Meets: 6/26-9/4.						

HOR-211 NATIVE PLANT IDENTIFICATION, 1 CREDIT

Identification and use of plants native to the Pacific Northwest and the use of plant keys.

HOR-211-01	294612	M	9-10:50AM			
D. FRANEK		\$103	\$8	\$40	\$151	
Meets: 6/24-7/22.						

HOR-280 HORTICULTURE/CWE, 3 CREDITS

On-the-job experience in the student's major course of study. Students are allowed to enroll after completing nine credits of horticulture courses. May be repeated for up to 6 credits. Required: Student Petition. Corequisites: CWE-281 Required: Students are expected to work a minimum of 90 job site hours

HOR-280-01	294619					
F. KILDERS		\$309	\$24	\$45	\$378	
Meets: 6/24-8/29. Contact: Frank Kilders at frank.kilders@clackamas.edu or 503-594-3011.						

HOR-281 HORTICULTURE/CWE, 6 CREDITS

On-the-job experience in the student's major course of study. Students are allowed to enroll after completing nine credits of horticulture courses. May be repeated for up to 12 credits. Required: Student Petition. Required: Students are expected to work a minimum of 180 job site hours Corequisites: CWE-281

HOR-281-01	294622					
F. KILDERS		\$618	\$48	\$45	\$711	
Meets: 6/24-8/29. Contact: Frank Kilders at frank.kilders@clackamas.edu or 503-594-3011.						

✓ Harmony or Wilsonville campus, other off campus location	WEB Online course - see page 14.	LCT Low-Cost Text - see page 89.	V Variable credit class: total cost reflects <i>maximum</i>	ESPAÑOL Taught in Spanish
	HYB Classroom/online course - see page 15.	TBA To be arranged: contact department first class	NEW New class	Location code abbreviations: See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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HOR-282 HORTICULTURE/CWE, 3 CREDITS

On-the-job experience in the student's major course of study. Students are allowed to enroll after completing nine credits of horticulture courses. May be repeated for up to 6 credits. Required: Student Petition. Required: Students are expected to work a minimum of 90 job site hours Corequisites: CWE-281

HOR-282-01	294625					
F. KILDERS			\$309	\$24	\$45	\$378
Meets: 6/24-8/29. Contact: Frank Kilders at frank.kilders@clackamas.edu or 503-594-3011.						

HOR-284 ORGANIC FARMING - CAMPUS FARM/CWE, 3 CREDITS

Experiential learning of organic farming techniques, while working on the Campus Farm. Students learn ecological and sustainable practices, principles and management strategies, and will participate in marketing the produce. Students are allowed to enroll after completing nine credits of Organic Farming courses. Class includes a lab component. Required: Student Petition. Required: Students are expected to work a minimum of 108 job site hours Corequisites: CWE-281

HOR-284-01	294629	T	8-12:00PM			
		T	12:30-1:50PM			
		W	9-1:30PM			
A. LAFAVE			\$309	\$24	\$95	\$428
Meets: 6/26-9/4. Contact: Annika Lafave at annika.lafave@clackamas.edu						

HOR-285 ORGANIC FARMING/CWE, 3 CREDITS

On-the-job experience working with an agricultural business/farm. Students are allowed to enroll in CWE after completing nine credits of Organic Farming courses. May be repeated for up to 6 credits. Required: Student Petition. Required: Students are expected to work a minimum of 90 job site hours Corequisites: CWE-281

HOR-285-01	294634					
F. KILDERS			\$309	\$24	\$45	\$378
Meets: 6/24-8/29. Contact: Frank Kilders at frank.kilders@clackamas.edu or 503-594-3011.						

Human Development & Leadership

See also College Success for related classes.

Human Services

HS-104 USING DIAGNOSTIC CRITERIA IN ADDICTION TREATMENT, 1 CREDIT

This course will present an overview of The American Society of Addiction Medicine (ASAM) Criteria and the Diagnostic and Statistical Manual (DSM) criteria related to addiction and substance use. Students will gain familiarity with the use of the ASAM Criteria to enhance the use of multidimensional assessments to develop patient-centered service plans. Students will also gain knowledge about the use of the DSM Manual to guide diagnosis and treatment of Substance Use Disorders.

HYB	HS-104-01	299065	T	6-7:50PM		
	M. MANEWAL		\$103	\$8	\$20	\$131
Hybrid. Meets: 6/25, 7/16 & 8/13 plus additional hours online. Contact: monica.manewal@clackamas.edu						

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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HS-211 INFECTIOUS DISEASES AND HARM REDUCTION, 1 CREDIT

This course will explore the relationship between substance abuse and infectious diseases, and discuss methods for reducing transmission of these diseases. Diseases will include HIV/AIDS, tuberculosis, hepatitis, and sexually transmitted infections. This course will provide students with techniques for assisting clients with assessing risk, practicing harm reduction, and evaluating treatment options.

WEB	HS-211-01	294513				
	Y. SMITH		\$103	\$8	\$40	\$151
Online.Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: yvonne@clackamas.edu						

HS-280 HUMAN SERVICES GENERALIST I: CWE/PRACTICUM, 2-6V CREDITS

Cooperative work experience. Supervised experience in human services including but not limited to: social service; early childhood care; criminal/juvenile justice; gerontology; and other occupations. Variable Credit: 2-6 credits. May be repeated for up to 12 credits. Required: Student Petition. Prerequisites: HS-170 Corequisites: CWE-281

HS-280-01	294514					
J. CURRY			\$618	\$48	\$45	\$711V
Required: Student Petition. Corequisite: CWE-281-06. Contact: jacqueline.curry@clackamas.edu						

HS-281 HUMAN SERVICES GENERALIST II: CWE/PRACTICUM, 2-6V CREDITS

Cooperative work experience level II. Supervised experience in human services including but not limited to: social service; early childhood care; criminal/juvenile justice; gerontology; and other related occupations. Variable Credit: 2-6 credits. May be repeated for up to 12 credits. Required: Student Petition. Prerequisites: HS-170 Corequisites: CWE-281

HS-281-01	294516					
J. STEINBERG/J. CURRY			\$618	\$48	\$45	\$711V
Required: Student Petition. Corequisite: CWE-281-06. Contact: jacqueline.curry@clackamas.edu.						

HS-282 HUMAN SERVICES GENERALIST III: CWE/PRACTICUM, 2-6V CREDITS

Cooperative work experience level III. Supervised experience in human services including but not limited to: social service; early childhood care; criminal/juvenile justice; gerontology, and other related occupations. Variable Credit: 2-6 credits. May be repeated for up to 12 credits. Required: Student Petition. Prerequisites: HS-170 Corequisites: CWE-281

HS-282-01	294517					
J. STEINBERG/J. CURRY			\$618	\$48	\$45	\$711V
Required: Student Petition. Corequisite: CWE-281-06. Contact: jacqueline.curry@clackamas.edu.						

Journalism

J-280 JOURNALISM/CWE, 2-6V CREDITS

Cooperative work experience. Provides the student with on-the-job experience and training related to journalism. Variable Credit: 2-6 credits. Required: Student Petition. Corequisites: CWE-281

J-280-01	294170					
M. JONES			\$618	\$48	\$45	\$711V
Meets Weeks of: 6/25-8/16. Required: Student Petition.						

J-280A PUBLIC RELATIONS/CWE, 2-6V CREDITS

Cooperative work experience. Provides the student with on-the-job experience and training related to public relations. Variable Credit: 2-6 credits. Required: Student Petition.

J-280A-01	294174					
M. JONES			\$618	\$48	\$45	\$711V
Meets Weeks of: 6/25-8/16. Required: Student Petition.						

Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Library

LIB-101 INTRODUCTION TO LIBRARY RESEARCH, 1 CREDIT

Trains students in the use of a variety of print and electronic information resources, search tools, and information evaluation. Excellent preparation for term papers and other research assignments. Recommended: CS-090 or equivalent experience

WEB LCT	LIB-101-01	294636				
	K. LEEK		\$0	\$0	\$0	\$0
	Online. Meets: 6/24-8/14. Contact: kerry.leek@clackamas.edu.					

Manufacturing Engineering Technology

All degree seeking students should arrange to speak to a faculty advisor prior to registering. Call 503-594-3318 for more information, or contact the Students Success Center, 503-594-3475.

Manufacturing Technology

All degree seeking students should arrange to speak to a faculty advisor prior to registering. Call 503-594-3318 for more information, or contact the Student Success Center, 503-594-3475.

MFG-104 PRINT READING, 2 CREDITS

Introduction to basic print reading. Students will use the principles of orthographic projection and current industry standards as they apply this knowledge to interpreting manufacturing prints.

MFG-104-01	294641	W	1:30-4:15PM			
	C. CONNORS		\$206	\$16	\$92	\$314
	Meets: 6/24-8/15.					

MFG-105 DIMENSIONAL INSPECTION, 2 CREDITS

Covers precision measuring tools such as micrometers, dial indicators, gauge blocks, sine bars and other instruments used in quality control of manufactured products. Prerequisites: MFG-104

MFG-105-01	294643	TH	2:30-5:20PM			
	P. WANNER		\$206	\$16	\$92	\$314
	Meets: 6/24-8/15.					

MFG-107 INDUSTRIAL SAFETY & FIRST AID, 3 CREDITS

This course is designed to provide the student with a basic understanding of safety hazards and first aid in the workplace. Includes eye safety, grinding wheel hazards, electrical/chemical hazards, slips, falls and back injuries. Instruction in first aid, AED and CPR and OSHA 10.

MFG-107-02	294648	T	10-2:20PM			
	L. HILLYARD		\$309	\$24	\$138	\$471
	Meets: 6/24-8/15.					

HYB	MFG-107-01	294645	T	3-5:20PM		
	L. HILLYARD		\$309	\$24	\$158	\$491
	Hybrid. Meets every Tuesday (6/24-8/15), plus online hours.					

MFG-109 COMPUTER LITERACY FOR TECHNICIANS, 3 CREDITS

Presents the uses of computers in business and industry. Subjects covered include computer platforms, basic hardware, data communication and operating systems. Reviews and uses word processing, spreadsheet and database software for the PC.

MFG-109-01	294650	W	1:30-5:20PM			
	A. ARISTIZABAL		\$309	\$24	\$138	\$471
	Meets: 6/24-8/15.					

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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MFG-110 MANUFACTURING SPECIAL PROJECTS, 1-9V CREDITS

Allows students a great deal of latitude in project selection, design and production utilizing manual machine tools, CNC machine tools, CAD/CAM and electrical discharge machines. A solid understanding of all basic machine tools is expected. Variable Credit: 1-9 credits. May be repeated for up to 9 credits. Required: Student Petition.

MFG-110-10	294659	MTWTH	8-2:20PM			
	C. LETTENMAIER/G. LUDLAM		\$927	\$72	\$414	\$1413V
	Meets: 6/24-8/15. Required: Student Petition. Contact: charles.lettenmaier@clackamas.edu or 503-594-3535.					

MFG-110 MANUFACTURING SPECIAL PROJECTS, 3 CREDITS

Allows students a great deal of latitude in project selection, design and production utilizing manual machine tools, CNC machine tools, CAD/CAM and electrical discharge machines. A solid understanding of all basic machine tools is expected. Variable Credit: 1-9 credits. May be repeated for up to 9 credits. Required: Student Petition.

MFG-110-01	294653	MW	8-12:20PM			
	C. LETTENMAIER/G. LUDLAM		\$309	\$24	\$138	\$471
	Meets: 6/24-8/15. Contact: charles.lettenmaier@clackamas.edu or 503-594-3535.					

MFG-110 MANUFACTURING SPECIAL PROJECTS, 6 CREDITS

Allows students a great deal of latitude in project selection, design and production utilizing manual machine tools, CNC machine tools, CAD/CAM and electrical discharge machines. A solid understanding of all basic machine tools is expected. Variable Credit: 1-9 credits. May be repeated for up to 9 credits. Required: Student Petition.

MFG-110-02	294657	MTW	8-1:20PM			
	C. LETTENMAIER/G. LUDLAM		\$618	\$48	\$276	\$942
	Meets: 6/24-8/15. Contact: charles.lettenmaier@clackamas.edu or 503-594-3535.					

MFG-111 MACHINE TOOL FUNDAMENTALS I, 3 CREDITS

This course is an introduction to machine tool operation, precision measurement and engineering drawings. It also covers machine tool operations including drill presses, lathes and milling machines. The course includes internal and external threading. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Recommended: MFG-104, MFG-107, and MTH-050

MFG-111-01	294666	MT	8-2:20PM			
	C. LETTENMAIER/G. LUDLAM		\$309	\$24	\$138	\$471
	Meets: 6/24-8/15.					

MFG-111 MACHINE TOOL FUNDAMENTALS I, 6 CREDITS

This course is an introduction to machine tool operation, precision measurement and engineering drawings. It also covers machine tool operations including drill presses, lathes and milling machines. The course includes internal and external threading. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Recommended: MFG-104, MFG-107, and MTH-050

MFG-111-02	294669	MTW	8-2:20PM			
	C. LETTENMAIER/G. LUDLAM		\$618	\$48	\$276	\$942
	Meets: 6/24-8/15.					

✓ Harmony or Wilsonville campus, other off campus location

WEB Online course - see page 14.

HYB Classroom/online course - see page 15.

LCT Low-Cost Text - see page 89.

TBA To be arranged: contact department first class

V Variable credit class: total cost reflects *maximum*

NEW New class

ESPAÑOL Taught in Spanish
Location code abbreviations:
See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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MFG-111 MACHINE TOOL FUNDAMENTALS I, 9 CREDITS

This course is an introduction to machine tool operation, precision measurement and engineering drawings. It also covers machine tool operations including drill presses, lathes and milling machines. The course includes internal and external threading. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Recommended: MFG-104, MFG-107, and MTH-050

MFG-111-03	294673	MTWTH	8-2:20PM			
C. LETTENMAIER/G. LUDLAM		\$927	\$72	\$414	\$1413	
Meets: 6/24-8/15.						

MFG-112 MACHINE TOOL FUNDAMENTALS II, 3 CREDITS

This course is a continuation of machine tool operations. Covers set-up and operation of the vertical milling machine and boring techniques on the lathe. Includes surface grinding and selection of abrasive grinding wheels. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Prerequisites: 6 credits of MFG-111

MFG-112-01	294676	TW	8-2:20PM			
C. LETTENMAIER/G. LUDLAM		\$309	\$24	\$138	\$471	
Meets: 6/24-8/15.						

MFG-112 MACHINE TOOL FUNDAMENTALS II, 6 CREDITS

This course is a continuation of machine tool operations. Covers set-up and operation of the vertical milling machine and boring techniques on the lathe. Includes surface grinding and selection of abrasive grinding wheels. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Prerequisites: 6 credits of MFG-111

MFG-112-02	294677	MTW	8-2:20PM			
C. LETTENMAIER/G. LUDLAM		\$618	\$48	\$276	\$942	
Meets: 6/24-8/15.						

MFG-112 MACHINE TOOL FUNDAMENTALS II, 9 CREDITS

This course is a continuation of machine tool operations. Covers set-up and operation of the vertical milling machine and boring techniques on the lathe. Includes surface grinding and selection of abrasive grinding wheels. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Prerequisites: 6 credits of MFG-111

MFG-112-03	294678	MTWTH	8-2:20PM			
C. LETTENMAIER/G. LUDLAM		\$927	\$72	\$414	\$1413	
Meets: 6/24-8/15.						

MFG-113 MACHINE TOOL FUNDAMENTALS III, 3 CREDITS

Topics include offset boring heads, rotary tables, indexing devices, and taper attachments. Also covers applied technical math, inspection techniques, optical comparators, coordinate measuring machines, and cylindrical grinding. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Prerequisites: 6 credits of MFG-112 Recommended: MFG-111 and MFG-112

MFG-113-01	294679	WTH	8-2:20PM			
C. LETTENMAIER/G. LUDLAM		\$309	\$24	\$138	\$471	
Meets: 6/24-8/15.						

MFG-113 MACHINE TOOL FUNDAMENTALS III, 6 CREDITS

Topics include offset boring heads, rotary tables, indexing devices, and taper attachments. Also covers applied technical math, inspection techniques, optical comparators, coordinate measuring machines, and cylindrical grinding. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Prerequisites: 6 credits of MFG-112 Recommended: MFG-111 and MFG-112

MFG-113-02	294680	MWTH	8-2:20PM			
C. LETTENMAIER/G. LUDLAM		\$618	\$48	\$276	\$942	
Meets: 6/24-8/15.						

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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MFG-113 MACHINE TOOL FUNDAMENTALS III, 9 CREDITS

Topics include offset boring heads, rotary tables, indexing devices, and taper attachments. Also covers applied technical math, inspection techniques, optical comparators, coordinate measuring machines, and cylindrical grinding. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Prerequisites: 6 credits of MFG-112 Recommended: MFG-111 and MFG-112

MFG-113-03	294681	MTWTH	8-2:20PM			
C. LETTENMAIER/G. LUDLAM		\$927	\$72	\$414	\$1413	
Meets: 6/24-8/15.						

MFG-202 CNC II: PROGRAMMING & OPERATION, 4 CREDITS

This course emphasizes the writing of G&M machine codes. Students will learn advanced programming and operations of CNC milling centers and basic programming, set-up, and operation of CNC turning centers. Prerequisites: MFG-201

MFG-202-01	294682	MW	4:30-9:50PM			
S. KINDER		\$412	\$32	\$184	\$628	
Meets: 6/24-8/15.						

MFG-205 COMPUTER-AIDED MANUFACTURING II, 4 CREDITS

This course focuses on hands-on CNC and manufacturing activities, including Mastercam solids, lathe, and multi-axis. Additional topics will include reverse engineering and post-processing. Class time will be devoted to demonstrations, and in-class projects. Prerequisites: MFG-204

MFG-205-01	294683	TTH	4:30-9:50PM			
N. DUMONT		\$412	\$32	\$184	\$628	
Meets: 6/24-8/15.						

MFG-211 MACHINE TOOL FUNDAMENTALS IV, 3 CREDITS

Concentrates on CNC setup and operation and on surface grinding. Students will develop and apply their machining skills while creating products in a team environment. Additional topics may include fixture design and cutting mechanics. Variable Credit: 3-6 credits. May be repeated for up to 6 credits. Prerequisites: 6 credits of MFG-113 Recommended: MFG-104, MFG-105 and MFG-113

MFG-211-01	294685	TTH	8-2:20PM			
C. LETTENMAIER/G. LUDLAM		\$309	\$24	\$138	\$471	
Meets: 6/24-8/15.						

MFG-211 MACHINE TOOL FUNDAMENTALS IV, 6 CREDITS

Concentrates on CNC setup and operation and on surface grinding. Students will develop and apply their machining skills while creating products in a team environment. Additional topics may include fixture design and cutting mechanics. Variable Credit: 3-6 credits. May be repeated for up to 6 credits. Prerequisites: 6 credits of MFG-113 Recommended: MFG-104, MFG-105 and MFG-113

MFG-211-02	294686	MTW	8-2:20PM			
C. LETTENMAIER/G. LUDLAM		\$618	\$48	\$276	\$942	
Meets: 6/24-8/15.						

MFG-280 MANUFACTURING TECHNOLOGY/CWE, 1-6V CREDITS

Cooperative work experience. Practical experience in the manufacturing trades. Coordination of instruction will occur with industry and the manufacturing and cooperative work departments. Variable Credit: 1-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Corequisites: CWE-281

MFG-280-01	294687					
M. MATTON		\$618	\$48	\$45	\$711V	
Required: Student Petition. Corequisite: CWE-281-06. Contact: Mike Mattson at 503-594-3322.						

Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Mathematics

MTH-010 FUNDAMENTALS OF ARITHMETIC, 4 CREDITS

Reviews operations on whole numbers, elementary fraction concepts, operations on decimals, and measurement.

MTH-010-01	299142	TTH	1-3:35PM			
A. ARISTIZABAL		\$412	\$32	\$20	\$464	
Meets: 6/24-8/15.						

MTH-020 FUNDAMENTALS OF ARITHMETIC II, 4 CREDITS

Topics include factors and multiples, operations on fractions, percents, ratios and proportions, powers and square roots, introduction to graphs, signed numbers, and effective study skills. Prerequisites: MTH-010 with a C or better, or placement in MTH-020

MTH-020-01	294528	TTH	1-3:35PM			
A. ARISTIZABAL		\$412	\$32	\$20	\$464	
Meets: 6/24-8/15.						

MTH-050 TECHNICAL MATHEMATICS I, 4 CREDITS

Designed for career-technical students. Topics focus on critical thinking, problem solving, and mathematical communication using applications arithmetic, measurement, geometry, and statistics and probability. Prerequisites: MTH-020 with a C or better, or placement in MTH-050 or higher

LCT	MTH-050-01	294530	TTH	9-11:35AM		
	A. ARISTIZABAL		\$412	\$32	\$20	\$464
Meets: 6/24-8/15.						

HYB LCT	MTH-050-15	299143	T	6-8:50PM		
	M. CHASE		\$412	\$32	\$40	\$484
Hybrid. Meets: Tuesday (6/24-8/15) plus online hours. Orientation: online.clackamas.edu Contact: morganc@clackamas.edu or 503-594-6592. At Wilsonville Campus.						

MTH-060 ALGEBRA I, 4 CREDITS

Designed for review or for the beginner, this course is an introduction to topics in Algebra. Expressions, equations, inequalities, graphing, and functions are explored. Prerequisites: MTH-020 with a C or better, or placement in MTH-060

MTH-060-01	294532	MW	9-11:35AM			
A. ARISTIZABAL		\$412	\$32	\$20	\$464	
Meets: 6/24-8/15.						

WEB	MTH-060-10	294535				
	K. LEWANDOWSKI		\$412	\$32	\$60	\$504
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: kurti@clackamas.edu or 503-594-3329.						

✓	MTH-060-30	294538	TTH	6-8:35PM		
	R. WEBBER		\$412	\$32	\$20	\$464
Meets: 6/24-8/15. At Harmony Community Campus.						

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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MTH-065 ALGEBRA II, 4 CREDITS

A second term of topics in algebra. This course continues the exploration of expressions, equations, and inequalities numerically, symbolically, graphically, and verbally. Prerequisites: MTH-060 with a C or better, or placement in MTH-065

MTH-065-01	294540	MW	9-11:35AM			
T. LEWANDOWSKI		\$412	\$32	\$20	\$464	
Meets: 6/24-8/15.						

WEB	MTH-065-10	294544				
	T. LEWANDOWSKI		\$412	\$32	\$60	\$504
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: theresel@clackamas.edu or 503-594-3741.						

✓	MTH-065-30	294548	TTH	6-8:35PM		
	R. WEBBER		\$412	\$32	\$20	\$464
Meets: 6/24-8/15. At Harmony Community Campus.						

MTH-095 ALGEBRA III, 4 CREDITS

The third term of topics in algebra using the rule-of-four approach is designed to prepare students for transfer-level math courses. This course emphasizes problem-solving and graphical techniques with the use of a graphing utility. Prerequisites: MTH-065 with a C or better, or placement in MTH-095

MTH-095-01	294549	TTH	9-11:35AM			
R. HEVEL		\$412	\$32	\$20	\$464	
Meets: 6/24-8/15.						

WEB	MTH-095-10	294552				
	W. WALLACE		\$412	\$32	\$60	\$504
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: wwallace@clackamas.edu or 503-594-6137.						

✓	MTH-095-30	294554	MW	6-8:35PM		
	M. JOSI		\$412	\$32	\$20	\$464
Meets: 6/24-8/15. At Harmony Community Campus.						

MTH-098 COLLEGE MATH FOUNDATIONS, 4 CREDITS

In our society, we see and hear about important topics and trends that involve numbers. In this class, participants work to understand what these numbers mean. Students will use percentages to make comparisons, interpret and construct graphs to describe phenomena, compare ways of describing quantities through unit conversions, explore the ways we use the idea of "average," and use rates and ratios to describe how things grow and change. Learning happens in small student groups, using technology, and through writing. The class is project-based, meaning that students complete projects to demonstrate what they've learned. Prerequisites: MTH-020 with a C or better, or placement in MTH-050, MTH-060, or MTH-098

LCT	MTH-098-01	294555	TTH	1-3:35PM		
	M. PRICE		\$412	\$32	\$20	\$464
Meets: 6/24-8/15.						

MTH-105 MATH IN SOCIETY, 4 CREDITS

A transfer-level math course for non-science majors, focused on critical thinking, problem solving, and mathematical communication, and accomplished through the topics of Logical Reasoning and Problem Solving, Probability and Statistics, and Financial Math. Prerequisites: MTH-095 or MTH-098 with a C or better, or placement in MTH-111 Recommended: WRD-098 or placement in WR-121

LCT	MTH-105-01	294557	TTH	6-8:35PM		
	STAFF		\$412	\$32	\$20	\$464
Meets: 6/24-8/15.						

✓ LCT	MTH-105-30	294558	MW	9-11:35AM		
	R. PYATT		\$412	\$32	\$20	\$464
Meets: 6/24-8/15. At Harmony Community Campus.						

✓ Harmony or Wilsonville campus, other off campus location

WEB Online course - see page 14.

HYB Classroom/online course - see page 15.

LCT Low-Cost Text - see page 89.

TBA To be arranged: contact department first class

V Variable credit class: total cost reflects *maximum*

NEW New class

ESPAÑOL Taught in Spanish
Location code abbreviations:
See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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MTH-111 COLLEGE ALGEBRA, 5 CREDITS

A transfer course designed for students preparing for trigonometry, statistics, or calculus. The focus is on the analysis of piecewise, polynomial, rational, exponential, logarithmic, power functions and their properties. These functions will be explored symbolically, numerically and graphically in real life applications and mathematical results will be analyzed and interpreted in the given context. The course will also include transformations, symmetry, composition, inverse functions, regression, the binomial theorem and an introduction to sequences and series. Prerequisites: MTH-095 with a C or better, or placement in MTH-111 Recommended: WRD-098 or placement in WR-121

WEB	MTH-111-10	294560				
	K. LEWANDOWSKI		\$515	\$40	\$60	\$615
	Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: kurtl@clackamas.edu or 503-594-3329.					

HYB LCT	MTH-111-15	294561	TTH	6-8:35PM		
	M. YANNOTTA		\$515	\$40	\$40	\$595
	Hybrid. Meets: 6/24-8/15 plus online hours. Contact: marky@clackamas.edu or 503-594-3335. At Wilsonville Campus.					

HYB LCT	MTH-111-20	294564	TTH	9-11:35AM		
	A. WOLF		\$515	\$40	\$40	\$595
	Hybrid. Meets every Tuesday and Thursday (6/24-8/15) plus online hours. Contact: _____@clackamas.edu or 503-594-____.					

HYB LCT	MTH-111-21	294566	MW	9-11:35AM		
	K. LEWANDOWSKI		\$515	\$40	\$40	\$595
	Hybrid. Meets every Monday and Wednesday (6/24-8/15) plus online hours. Contact: kurtl@clackamas.edu or 503-594-3329.					

HYB LCT	MTH-111-30	294567	MW	6-8:35PM		
	M. PRICE		\$515	\$40	\$40	\$595
	Hybrid. Meets every Monday and Wednesday (6/24-8/15) plus online hours. Contact: michaelpr@clackamas.edu or 503-594-6461. At Harmony Community Campus.					

MTH-112 TRIGONOMETRY AND PRE-CALCULUS, 5 CREDITS

A transfer course designed to prepare students for calculus using an AMATYC standards-based approach utilizing the rule of four to analyze elementary functions and applications. Topics include right-triangle trigonometry, trigonometric functions developed from the unit circle, inverse trigonometric functions, using trigonometry to model and solve applications, trigonometric identities, polar functions, parametric functions, and vectors. Prerequisites: MTH-111 with a C or better, or placement in MTH-112 Recommended: WRD-098 or placement in WR-121

LCT	MTH-112-01	294569	MW	9-12:20PM		
	W. WALLACE		\$515	\$40	\$20	\$575
	Meets: 6/24-8/15.					

✓ LCT	MTH-112-30	294571	TTH	6-9:20PM		
	C. WARNER		\$515	\$40	\$20	\$575
	Meets: 6/24-8/15. At Harmony Community Campus.					

MTH-205 A BRIDGE TO UNIVERSITY MATHEMATICS, 3 CREDITS

This is a bridge course designed to help students transition from computation-based mathematics to the more proof-based curriculum typical of junior-senior collegiate mathematics-level courses. Topics include: group theory, elementary set theory, proof, and argumentation. May be repeated for up to 6 credits. Prerequisites: MTH-112 with a C or better or placement in MTH-251

LCT	MTH-205-01	299144	MTWTH	12:30-2:50PM		
	M. YANNOTTA		\$309	\$24	\$20	\$353
	Meets: 6/24-7/11 (weeks 1-3).					

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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MTH-243 STATISTICS I, 4 CREDITS

This course introduces students to descriptive statistics, observational studies, experiments, elementary probability, random variables, and sampling distributions. Prerequisites: MTH-105, MTH-111, MTH-112, or MTH-251 with a C or better, or placement in MTH-112 or MTH-251 Recommended: WRD-098 or placement in WR-121

LCT	MTH-243-01	294573	TTH	9-11:35AM		
	M. NICKAS		\$412	\$32	\$20	\$464
	Meets: 6/24-8/15.					

LCT	MTH-243-02	294579	MW	6-8:35PM		
	STAFF		\$412	\$32	\$20	\$464
	Meets: 6/24-8/15.					

WEB LCT	MTH-243-10	294582				
	M. NICKAS		\$412	\$32	\$60	\$504
	Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: mnickas@clackamas.edu or 503-594-3630.					

✓ LCT	MTH-243-15	294584	TTH	6-9:30PM		
	A. BRANDENBURG		\$412	\$32	\$20	\$464
	Meets: 6/24-7/25 (weeks 1-5). At Wilsonville Campus.					

MTH-244 STATISTICS II, 4 CREDITS

The tools learned in Statistics II are used for hypothesis tests and confidence intervals for one and two populations, linear regression, inference about regression, and chi-square tests. Prerequisites: MTH-243 with a C or better Recommended: WRD-098 or placement in WR-121

✓ LCT	MTH-244-15	294585	TTH	6-9:30PM		
	A. BRANDENBURG		\$412	\$32	\$20	\$464
	Meets: 7/29-8/29 (weeks 6-10). At Wilsonville Campus.					

MTH-251 CALCULUS I, 5 CREDITS

Topics and applications of differentiation. This course is the first in a four-term sequence designed for students in science, engineering, or mathematics. It will focus on differential calculus. Prerequisites: MTH-112 with a C or better or placement in MTH-251 Recommended: WRD-098 or placement in WR-121

LCT	MTH-251-01	294587	MTWTH	9-11:20AM		
	M. YANNOTTA		\$515	\$40	\$20	\$575
	Meets: 7/1-8/8 (weeks 2-6).					

✓ LCT	MTH-251-15	294589	MW	6-9:20PM		
	T. BIEBER		\$515	\$40	\$20	\$575
	Meets: 6/24-8/15. At Wilsonville Campus.					

MTH-252 CALCULUS II, 5 CREDITS

This course is the second in a four-term Calculus sequence designed for students in science, engineering and mathematics. It will focus on integral calculus. Prerequisites: MTH-251 with a C or better Recommended: WRD-098 or placement in WR-121

LCT	MTH-252-01	294591	TTH	9-12:20PM		
	T. BASIL		\$515	\$40	\$20	\$575
	Meets: 6/24-8/15.					

MTH-254 VECTOR CALCULUS, 5 CREDITS

This course is an introduction to the study of vectors and analytic geometry in three-space, the calculus of vector-valued functions, and the calculus of several variables. Prerequisites: MTH-252 with a C or better

	MTH-254-01	294593	TTH	9-12:20PM		
	A. HALL		\$515	\$40	\$20	\$575
	Meets: 6/24-8/15.					

Continued

Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Mathematics, continued

MTH-256 DIFFERENTIAL EQUATIONS, 4 CREDITS

This course is an introduction to the study of first-order differential equations, first-order systems of differential equations, linear systems of differential equations, and applications of these topics. Prerequisites: MTH-252 with a C or better

MTH-256-01	294595	TTH	1-3:35PM			
A. HALL		\$412	\$32	\$20	\$464	
Meets: 6/24-8/15.						

MTH-261 LINEAR ALGEBRA, 4 CREDITS

This course is an introduction to linear analysis of n-space: systems of linear equations, vectors, matrices, matrix operations, linear transformations, linear independence, span, bases, subspaces, determinants, eigenvalues, eigenvectors, inner products, diagonalization, and applications of these topics. Prerequisites: MTH-252 with a C or better Recommended: WRD-098 or placement in WR-121

LCT	MTH-261-01	294596	MW	9-11:35AM		
	T. BASIL		\$412	\$32	\$20	\$464
Meets: 6/24-8/15.						

Medical Assistant

The CCC Medical Assistant program is a three-term program of 49 credits which prepares graduates for entry level practice into the ambulatory care setting.

MA-110 MEDICAL TERMINOLOGY, 4 CREDITS

This course provides the foundational principles required for understanding medical terms used to communicate effectively within the healthcare field. This includes word meaning and discerning the difference between look-alike and sound-alike words through correct spelling and pronunciation. Students will develop the ability to read and comprehend the content of medical records and reports. Through the review of body systems this course includes introductions to disease processes, basic anatomy and physiology and associated terminology. This course is required prerequisite for Medical Assistant and Clinical Laboratory Assistant students.

WEB	MA-110-02	299333				
	C. GARNER		\$412	\$32	\$100	\$544
Online. Contact: cindy.garner@clackamas.edu or 503-594-0672. Please meet with the instructor for a brief course orientation on the Harmony Campus, Tuesday, June 4th, any time between 1 and 6 pm. If unable to make the orientation, please contact the instructor at cindy.garner@clackamas.edu.						

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Music

MUS-090 PREPARATION FOR MUSIC THEORY, 2 CREDITS

This course familiarizes students with terminology and building blocks used in Music Theory. Students who have played in ensembles or sang in choirs, but have not had a formal music theory program before, will find that this course prepares them to succeed in the Music Theory sequence (MUS-111-113).

LCT	MUS-090-01	294162	MTWTH	3:30-5:50PM		
	Y. MIYAMA		\$206	\$16	\$0	\$222
Meets: 8/19-8/29.						

MUS-107 INTRODUCTION TO AUDIO RECORDING I, 3 CREDITS

Introduction to the basic techniques and tools used in audio recording. Areas of study include signal path, microphone applications, software, hardware, outboard gear, tracking, mixing, and editing.

	MUS-107-01	294164	M	6:30-9:20PM		
	D. BASKERVILLE/S. MULLER		\$309	\$24	\$99	\$432

MUS-206 MUSIC LITERATURE: HISTORY OF ROCK, 4 CREDITS

For non-majors and music majors. Emphasis on engaging in the study of Rock music and surrounding cultural/historical issues. Includes critical analysis, study of elements, forms, styles, composers, performers, cultural, and historical issues and events. An examination of Rock music as a contemporary social medium. Recommended: WRD-098 or placement in WR-121

✓ LCT	MUS-206-01	294167	T	6-9:50PM		
	M. LOTZ		\$412	\$32	\$0	\$444
Required: Attendance at three concert field trips TBA. At Harmony Community Campus.						

MUS-280 MUSIC/CWE, 2-6V CREDITS

Cooperative work experience. Provides students with on-the-job work experience in the field of music. Variable Credit: 2-6 credits. Required: Student Petition. Prerequisites: MUS-107, MUS-140, and MUS-142 Corequisites: CWE-281

LCT	MUS-280-01	294169				
	C. DOGGETT		\$618	\$48	\$144	\$810V
Required: Student Petition.						
	MUS-280-02	299098				
	G. HARRIS		\$618	\$48	\$144	\$810V
Required: Student Petition.						

XMUP-0001 UNISTUS CHOIR, 0 CREDIT

Select vocal ensemble which rehearses and performs choral music from the Renaissance to the 20th century, including the music of Estonia. Provides preparation for entering professional fields of music and performance. Emphasis on a cappella singing applied to appropriate chamber music. Provides an environment whereby individual students, selected according to their talents and attitudes, may assist the group at large in achieving its full potential which is that of excellence in choral expression. The achievement of this potential is our goal. By audition.

	XMUP-0001-01	294177	M	6:30-9:20PM		
	L. CLINE		\$0	\$0	\$0	\$0

✓ Harmony or Wilsonville campus, other off campus location	WEB Online course - see page 14.	LCT Low-Cost Text - see page 89.	V Variable credit class: total cost reflects <i>maximum</i>	ESPAÑOL Taught in Spanish
	HYB Classroom/online course - see page 15.	TBA To be arranged: contact department first class	NEW New class	Location code abbreviations: See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Music: Individual Lessons

College level private lessons required for music majors and available to qualified non-majors. End-of-term juried performance mandatory. Students will pay a \$299 private instruction fee at the time of registration when noted in the course fee column which is nonrefundable. This fee may not cover the entire cost of private lessons. MUP-100 and MUP-171-191 must fill out schedule card in the Music office (N128) before registering.

MUP-100	INDIVIDUAL LESSONS: NON-MUSIC MAJORS, 1 CREDIT					
LCT	MUP-100-01 294082 L. DENBESTE Required: Student Petition. Voice Lessons.		\$103	\$8	\$299	\$410
LCT	MUP-100-02 294083 Y. MIYAMA Required: Student Petition. Piano Lessons.		\$103	\$8	\$299	\$410
LCT	MUP-100-03 294084 K. HOLLINGSWORTH Required: Student Petition. Voice Lessons.		\$103	\$8	\$299	\$410
LCT	MUP-100-04 294085 J. STEELE Required: Student Petition. Tuba Lessons.		\$103	\$8	\$299	\$410
LCT	MUP-100-05 294086 E. SNYDER Required: Student Petition. Guitar Lessons.		\$103	\$8	\$299	\$410
LCT	MUP-100-06 294087 R. BALDINO Required: Student Petition. Violin Lessons.		\$103	\$8	\$299	\$410
LCT	MUP-100-07 294088 T. WAKELING Required: Student Petition. Jazz Bass Lessons.		\$103	\$8	\$299	\$410
LCT	MUP-100-08 294089 C. DOGGETT Required: Student Petition. Percussion & Drum Set Lessons.		\$103	\$8	\$299	\$410
LCT	MUP-100-09 294090 C. GIBERSON Required: Student Petition. Jazz Piano Lessons.		\$103	\$8	\$299	\$410
LCT	MUP-100-10 294091 G. HARRIS Required: Student Petition. Saxophone Lessons.		\$103	\$8	\$299	\$410
LCT	MUP-100-11 294092 R. RUTHERFORD Required: Student Petition. Trumpet Lessons.		\$103	\$8	\$299	\$410
LCT	MUP-100-12 294093 C. AVERILL Required: Student Petition. Cello Lessons.		\$103	\$8	\$299	\$410
LCT	MUP-100-13 294094 K. DEITZ Required: Student Petition. Bass Lessons.		\$103	\$8	\$299	\$410
LCT	MUP-100-14 294095 J. ISRAELS Required: Student Petition. Jazz Voice Lessons.		\$103	\$8	\$299	\$410
LCT	MUP-100-15 299099 M. FLESCNER Required: Student Petition. Rock, Blues, and Pop Piano Lessons.		\$103	\$8	\$299	\$410
LCT	MUP-100-16 299100 D. TUTMARK Required: Student Petition. Classical Guitar Lessons.		\$103	\$8	\$299	\$410
MUP-171	INDIVIDUAL LESSONS: PIANO, 2 CREDITS					
LCT	MUP-171-01 294096 Y. MIYAMA Required: Student Petition.		\$206	\$16	\$299	\$521

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
MUP-171J	INDIVIDUAL LESSONS: JAZZ PIANO, 2 CREDITS					
LCT	MUP-171J-01 294097 C. GIBERSON Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-171R	INDIVIDUAL LESSONS: ROCK, BLUES, POP PIANO, 2 CREDITS					
LCT	MUP-171R-01 299101 M. FLESCNER Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-174	INDIVIDUAL LESSONS: VOICE, 2 CREDITS					
LCT	MUP-174-01 294098 L. DENBESTE Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-174J	INDIVIDUAL LESSONS: JAZZ VOICE, 2 CREDITS					
LCT	MUP-174J-01 294099 J. ISRAELS Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-175	INDIVIDUAL LESSONS: VIOLIN, 2 CREDITS					
LCT	MUP-175-01 294100 R. BALDINO Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-176	INDIVIDUAL LESSONS: VIOLA, 2 CREDITS					
LCT	MUP-176-01 294101 H. OSEAS Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-177	INDIVIDUAL LESSONS: CELLO, 2 CREDITS					
LCT	MUP-177-01 294102 C. AVERILL Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-178	INDIVIDUAL LESSONS: BASS, 2 CREDITS					
LCT	MUP-178-01 294103 K. DEITZ Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-178J	INDIVIDUAL LESSONS: JAZZ BASS, 2 CREDITS					
LCT	MUP-178J-01 294104 K. DEITZ Required: Student Petition.		\$206	\$16	\$299	\$521
LCT	MUP-178J-02 299102 T. WAKELING Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-179	INDIVIDUAL LESSONS: HARP, 2 CREDITS					
LCT	MUP-179-01 294105 STAFF Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-180	INDIVIDUAL LESSONS: GUITAR, 2 CREDITS					
LCT	MUP-180-01 294106 D. TUTMARK Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-180J	INDIVIDUAL LESSONS: JAZZ GUITAR, 2 CREDITS					
LCT	MUP-180J-01 294107 C. WOITACH Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-180R	INDIVIDUAL LESSONS: ROCK, BLUES, POP GUITAR, 2 CREDITS					
LCT	MUP-180R-01 294108 E. SNYDER Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-181	INDIVIDUAL LESSONS: FLUTE, 2 CREDITS					
LCT	MUP-181-01 294109 L. MURPHY Required: Student Petition.		\$206	\$16	\$299	\$521

Continued

Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
<i>Music: Individual Lessons, continued</i>						
MUP-181J LCT	INDIVIDUAL LESSONS: JAZZ FLUTE, 2 CREDITS MUP-181J-01 294110 G. HARRIS Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-182 LCT	INDIVIDUAL LESSONS: OBOE, 2 CREDITS MUP-182-01 294111 K. GRONLI Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-183 LCT	INDIVIDUAL LESSONS: CLARINET, 2 CREDITS MUP-183-01 294112 L. DE MARTINO Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-183J LCT	INDIVIDUAL LESSONS: JAZZ CLARINET, 2 CREDITS MUP-183J-01 294113 G. HARRIS Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-184 LCT	INDIVIDUAL LESSONS: SAXOPHONE, 2 CREDITS MUP-184-01 294114 G. HARRIS Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-184J LCT	INDIVIDUAL LESSONS: JAZZ SAXOPHONE, 2 CREDITS MUP-184J-01 294115 G. HARRIS Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-185 LCT	INDIVIDUAL LESSONS: BASSOON, 2 CREDITS MUP-185-01 294116 N. BUETTI Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-186 LCT	INDIVIDUAL LESSONS: TRUMPET, 2 CREDITS MUP-186-01 294117 R. RUTHERFORD Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-186J LCT	INDIVIDUAL LESSONS: JAZZ TRUMPET, 2 CREDITS MUP-186J-01 294118 P. MAZZIO Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-187 LCT	INDIVIDUAL LESSONS: FRENCH HORN, 2 CREDITS MUP-187-01 294119 STAFF Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-188 LCT	INDIVIDUAL LESSONS: TROMBONE, 2 CREDITS MUP-188-01 294120 L. CAMPBELL Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-188J LCT	INDIVIDUAL LESSONS: JAZZ TROMBONE, 2 CREDITS MUP-188J-01 294121 L. CAMPBELL Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-189 LCT	INDIVIDUAL LESSONS: EUPHONIUM, 2 CREDITS MUP-189-01 294122 A. HARRIS Required: Student Petition.		\$206	\$16	\$299	\$521

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
MUP-190 LCT	INDIVIDUAL LESSONS: TUBA, 2 CREDITS MUP-190-01 294123 J. STEELE Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-191 LCT	INDIVIDUAL LESSONS: PERCUSSION, 2 CREDITS MUP-191-01 294124 R. ALLEN Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-191J LCT	INDIVIDUAL LESSONS: JAZZ PERCUSSION, 2 CREDITS MUP-191J-01 294125 C. DOGGETT Required: Student Petition.		\$206	\$16	\$299	\$521
MUP-271 LCT	INDIVIDUAL LESSONS: PIANO, 2 CREDITS MUP-271-01 294126 Y. MIYAMA		\$206	\$16	\$299	\$521
MUP-271J LCT	INDIVIDUAL LESSONS: JAZZ PIANO, 2 CREDITS MUP-271J-01 294127 C. GIBERSON		\$206	\$16	\$299	\$521
MUP-271R LCT	INDIVIDUAL LESSONS: ROCK, BLUES, POP PIANO, 2 CREDITS MUP-271R-01 299103 M. FLESCHNER		\$206	\$16	\$299	\$521
MUP-274 LCT	INDIVIDUAL LESSONS: VOICE, 2 CREDITS MUP-274-01 294128 L. DENBESTE		\$206	\$16	\$299	\$521
MUP-274J LCT	INDIVIDUAL LESSONS: JAZZ VOICE, 2 CREDITS MUP-274J-01 294129 J. ISRAELS		\$206	\$16	\$299	\$521
MUP-275 LCT	INDIVIDUAL LESSONS: VIOLIN, 2 CREDITS MUP-275-01 294130 R. BALDINO		\$206	\$16	\$299	\$521
MUP-276 LCT	INDIVIDUAL LESSONS: VIOLA, 2 CREDITS MUP-276-01 294131 H. OSEAS		\$206	\$16	\$299	\$521
MUP-277 LCT	INDIVIDUAL LESSONS: CELLO, 2 CREDITS MUP-277-01 294132 C. AVERILL		\$206	\$16	\$299	\$521
MUP-278 LCT	INDIVIDUAL LESSONS: BASS, 2 CREDITS MUP-278-01 294133 K. DEITZ		\$206	\$16	\$299	\$521
MUP-278J LCT	INDIVIDUAL LESSONS: JAZZ BASS, 2 CREDITS MUP-278J-01 294134 K. DEITZ		\$206	\$16	\$299	\$521
MUP-278J-02 LCT	INDIVIDUAL LESSONS: JAZZ BASS, 2 CREDITS MUP-278J-02 299104 T. WAKELING		\$206	\$16	\$299	\$521
MUP-279 LCT	INDIVIDUAL LESSONS: HARP, 2 CREDITS MUP-279-01 294135 STAFF		\$206	\$16	\$299	\$521
MUP-280 LCT	INDIVIDUAL LESSONS: GUITAR, 2 CREDITS MUP-280-01 294136 D. TUTMARK		\$206	\$16	\$299	\$521
MUP-280J LCT	INDIVIDUAL LESSONS: JAZZ GUITAR, 2 CREDITS MUP-280J-01 294138 C. WOITACH		\$206	\$16	\$299	\$521

✓ Harmony or Wilsonville campus, other off campus location

WEB Online course - see page 14.

HYB Classroom/online course - see page 15.

LCT Low-Cost Text - see page 89.

TBA To be arranged: contact department first class

V Variable credit class: total cost reflects *maximum*

NEW New class

ESPAÑOL Taught in Spanish
Location code abbreviations:
See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
MUP-280R	INDIVIDUAL LESSONS: ROCK, BLUES, POP GUITAR, 2 CREDITS					
LCT	MUP-280R-01 294139 E. SNYDER		\$206	\$16	\$299	\$521
MUP-281	INDIVIDUAL LESSONS: FLUTE, 2 CREDITS					
LCT	MUP-281-01 294140 L. MURPHY		\$206	\$16	\$299	\$521
MUP-281J	INDIVIDUAL LESSONS: JAZZ FLUTE, 2 CREDITS					
LCT	MUP-281J-01 294141 G. HARRIS		\$206	\$16	\$299	\$521
MUP-282	INDIVIDUAL LESSONS: OBOE, 2 CREDITS					
LCT	MUP-282-01 294142 K. GRONLI		\$206	\$16	\$299	\$521
MUP-283	INDIVIDUAL LESSONS: CLARINET, 2 CREDITS					
LCT	MUP-283-01 294143 L. DE MARTINO		\$206	\$16	\$299	\$521
MUP-283J	INDIVIDUAL LESSONS: JAZZ CLARINET, 2 CREDITS					
LCT	MUP-283J-01 294144 G. HARRIS		\$206	\$16	\$299	\$521
MUP-284	INDIVIDUAL LESSONS: SAXOPHONE, 2 CREDITS					
LCT	MUP-284-01 294146 G. HARRIS		\$206	\$16	\$299	\$521
MUP-284J	INDIVIDUAL LESSONS: JAZZ SAXOPHONE, 2 CREDITS					
LCT	MUP-284J-01 294147 G. HARRIS		\$206	\$16	\$299	\$521
MUP-285	INDIVIDUAL LESSONS: BASSOON, 2 CREDITS					
LCT	MUP-285-01 294148 N. BUETTI		\$206	\$16	\$299	\$521
MUP-286	INDIVIDUAL LESSONS: TRUMPET, 2 CREDITS					
LCT	MUP-286-01 294149 R. RUTHERFORD		\$206	\$16	\$299	\$521
MUP-286J	INDIVIDUAL LESSONS: JAZZ TRUMPET, 2 CREDITS					
LCT	MUP-286J-01 294151 P. MAZZIO		\$206	\$16	\$299	\$521
MUP-287	INDIVIDUAL LESSONS: FRENCH HORN, 2 CREDITS					
LCT	MUP-287-01 294152 STAFF		\$206	\$16	\$299	\$521
MUP-288	INDIVIDUAL LESSONS: TROMBONE, 2 CREDITS					
LCT	MUP-288-01 294154 L. CAMPBELL		\$206	\$16	\$299	\$521
MUP-288J	INDIVIDUAL LESSONS: JAZZ TROMBONE, 2 CREDITS					
LCT	MUP-288J-01 294155 L. CAMPBELL		\$206	\$16	\$299	\$521
MUP-289	INDIVIDUAL LESSONS: EUPHONIUM, 2 CREDITS					
LCT	MUP-289-01 294156 A. HARRIS		\$206	\$16	\$299	\$521
MUP-290	INDIVIDUAL LESSONS: TUBA, 2 CREDITS					
LCT	MUP-290-01 294158 J. STEELE		\$206	\$16	\$299	\$521
MUP-291	INDIVIDUAL LESSONS: PERCUSSION, 2 CREDITS					
LCT	MUP-291-01 294159 R. ALLEN		\$206	\$16	\$299	\$521
MUP-291J	INDIVIDUAL LESSONS: JAZZ PERCUSSION, 2 CREDITS					
LCT	MUP-291J-01 294161 C. DOGGETT		\$206	\$16	\$299	\$521

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Nursing

The Nursing program at Clackamas Community College is a full partner in the Oregon Consortium for Nursing Education (OCNE). The curriculum in OCNE nursing programs is a competency-based curriculum developed in collaboration with Oregon Health & Science University (OHSU) and other community colleges around the state. This curriculum, which has been approved by the Oregon State Board of Education as well as the Oregon State Board of Nursing, can ultimately culminate in a Baccalaureate of Science Degree with a focus in Nursing on the community college campus offered by OHSU.

Admission into the nursing program is by special application only. Acceptance to the nursing program allows for co-enrollment to Clackamas Community College and Oregon Health & Science University, School of Nursing.

The Nursing Assistant course, while not required to enter the Nursing program, provides a strong foundation regarding the delivery of care to clients in various settings.

NUR-100 NURSING ASSISTANT I, 7 CREDITS

Prepares the student to perform routine nursing assistant tasks to clients in sub-acute care settings as well as in the community. Includes 80 hours of didactic and skills lab instruction. May not be challenged. Required: Student Petition. Corequisites: NUR-100C

✓	NUR-100-01	294171	M	8-12:20PM			
			M	1:30-3:20PM			
			T	8-10:20AM			
			T	10:30-2:20PM			
			W	8-1:50PM			
	K. VANDE KAMP		\$721	\$56	\$290	\$1067	
	Meets: 6/24-7/25. Corequisite: One NUR-100C clinical. Attend mandatory orientation meeting on Thursday, May 30 at 4pm, room 210, to receive information on how to register. At Harmony Community Campus.						

NUR-100C NURSING ASSISTANT I CLINICAL, 0 CREDIT

Prepares the student to perform routine nursing assistant tasks to clients in hospitals, long-term and skilled care facilities, as well as the community. Includes 82 hours of clinical practicum. May not be challenged. Required: Student Petition. Corequisites: NUR-100

✓	NUR-100C-01	294173	TBA	TBA			
	K. VANDE KAMP/D. ANDERSON		\$0	\$0	\$0	\$0	
	Required: Student Petition. Meets: 7/29-9/7. Mandatory 3 hours orientation at clinical site/TBA. Additional 3 hours during finals week for skills testing/TBA. At Harmony Community Campus.						
✓	NUR-100C-02	294175	TBA	TBA			
	K. VANDE KAMP/D. ANDERSON		\$0	\$0	\$0	\$0	
	Required: Student Petition. Meets 7/29-9/7. Mandatory 3 hours orientation at clinical site/TBA. Additional 3 hours during finals week for skills testing/TBA. At Harmony Community Campus.						

Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Philosophy

PHL-101 PHILOSOPHICAL PROBLEMS, 4 CREDITS

Introduces basic philosophical questions such as: What is reality? What is knowledge? What is truth? Can humans freely choose? What is human awareness? What is a meaningful life? Recommended: WRD-098 or placement in WR-121

WEB LCT	PHL-101-01	294597				
	K. SEVERSON		\$412	\$32	\$40	\$484
	Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu					
	Contact: kjirsten@clackamas.edu or 503-594-3842.					

PHL-102 ETHICS, 4 CREDITS

Introduces the study of morality with concepts of good, harm, habits, character, perception, behavior and action. Also considers the different theories of human capacity for responsibility. Recommended: WRD-098 or placement in WR-121

LCT	PHL-102-01	294599	MW	12-2:45PM		
	M. BAILEY		\$412	\$32	\$0	\$444
	Meets: 6/24-8/14.					

PHL-103 CRITICAL REASONING, 4 CREDITS

Helps students identify and understand the process by which they themselves and others arrive at conclusions; improves their critical reasoning skills; introduces basic logical concepts of argument; and gives opportunity for students to apply course skills to relevant matters. Recommended: WRD-098 or placement in WR-121

LCT	PHL-103-01	294601	MW	9-11:45AM		
	M. BAILEY		\$412	\$32	\$0	\$444
	Meets: 6/24-8/14.					

Physical Education

PE-185 PHYSICAL ACTIVITY CLASSES, 1 CREDIT

Activities may include badminton, basketball, bootcamps, conditioning, aerobic dance (both regular and step), cycling, modern dance, ballet, tap and jazz dance, kick boxing, self-defense, tai chi, soccer, golf jogging, karate, mountaineering, horseback riding, racquetball, exercise and relaxation, tennis, skiing (downhill and cross country), softball, swimming, volleyball, various weight trainings, yoga, and zumba. Current physical examination before enrolling in a physical education course is recommended. Some PE-185 classes require an additional fee for facility use which is PAID ON SITE, for example: bowling, racquetball, and swimming.

✓	AIKIDO I, 1 CREDIT					
	PE-185-08	294703	T	7:30-8:50PM		
			TH	6:30-7:50PM		
	C. FIFE		\$103	\$8	\$0	\$111
	Meets Weeks of: 6/24-8/15. \$80 fee payable to Aikido Northwest. At Milwaukie.					

✓	CORE-FIT III, 1 CREDIT					
	PE-185-004	294692	MWF	5:15-6:05AM		
	R. RAINES		\$103	\$8	\$0	\$111
	Meets Weeks of: 6/25-8/16. \$119 fee payable to Club Fit. At Canby.					
✓	PE-185-005	294693	MW	12-1:20PM		
	R. RAINES		\$103	\$8	\$0	\$111
	Meets Weeks of: 6/24-8/15. \$119 fee payable to Club Fit. At Canby.					

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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✓	KUNG-FU, 1 CREDIT					
	PE-185-002	294690	TTH	5-6:20PM		
	N. HANCOCK		\$103	\$8	\$0	\$111
	Meets Weeks of: 6/24-8/15. \$130 fee payable to Balance & Harmony. At Balance & Harmony, Canby.					

✓	KUNG-FU II, 1 CREDIT					
	PE-185-003	294691	TTH	5-6:20PM		
	N. HANCOCK		\$103	\$8	\$0	\$111
	Meets Weeks of: 6/24-8/15. \$130 fee payable to Balance & Harmony. At Balance & Harmony, Canby.					

✓	SCUBA DIVING, 1 CREDIT					
	PE-185-014	294698	TH	6-8:50PM		
	R. SHROUFE		\$103	\$8	\$0	\$111
	Meets Weeks of: 6/24-8/15. \$500 fee payable to Eco-Dive NW Scuba Instruction LLC the first night of class for books, E-learning package, open water, pool rental, and sessions. Lodging additional.					

✓	SCUBA DIVING/ADVANCED, 1 CREDIT					
	PE-185-015	294699	TH	6-8:50PM		
	R. SHROUFE		\$103	\$8	\$0	\$111
	Meets Weeks of: 6/24-8/15. \$335 fee payable to Eco-Dive NW Scuba Instruction LLC the first night of class for books, E-learning package, open water, pool rental, and sessions. 6 required dives at \$30/dive. Lodging additional.					

✓	TAI CHI/ADVANCED, 1 CREDIT					
	PE-185-023	294702	TTH	12:30-1:50PM		
	N. HANCOCK		\$103	\$8	\$0	\$111
	Meets Weeks of: 6/24-8/15. \$130 fee payable to Balance & Harmony. At Balance & Harmony, Canby.					

✓	TAI CHI/BEGINNING, 1 CREDIT					
	PE-185-021	294700	TTH	12:30-1:50PM		
	N. HANCOCK		\$103	\$8	\$0	\$111
	Meets Weeks of: 6/24-8/15. \$130 fee payable to Balance & Harmony. At Balance & Harmony, Canby.					

✓	TAI CHI/INTERMEDIATE, 1 CREDIT					
	PE-185-022	294701	TTH	12:30-1:50PM		
	N. HANCOCK		\$103	\$8	\$0	\$111
	Meets Weeks of: 6/24-8/15. \$130 fee payable to Balance & Harmony. At Balance & Harmony, Canby.					

✓	YOGA I, 1 CREDIT					
	PE-185-007	294695	MW	9-10:20AM		
	E. HANCOCK		\$103	\$8	\$0	\$111
	Meets Weeks of: 6/24-8/15. \$130 fee payable to Balance & Harmony. At Balance & Harmony, Canby.					

✓	PE-185-09	294704	WSU	7-8:20PM		
	E. HANCOCK		\$103	\$8	\$0	\$111
	Meets Weeks of: 6/24-8/15. \$130 fee payable to Balance & Harmony. At Balance & Harmony, Canby.					

✓ Harmony or Wilsonville campus, other off campus location	WEB Online course - see page 14.	LCT Low-Cost Text - see page 89.	V Variable credit class: total cost reflects <i>maximum</i>	ESPAÑOL Taught in Spanish
	HYB Classroom/online course - see page 15.	TBA To be arranged: contact department first class	NEW New class	Location code abbreviations: See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Political Science

PS-200 INTRODUCTION TO POLITICAL SCIENCE, 4 CREDITS

A general introduction to the field of political science. Introduces and expands on basic political concepts and themes, explores political theory and ideology, and considers the dynamics of political institutions and government and how both are integrated into political life. Recommended: WRD-098 or placement in WR-121

WEB	PS-200-01	294603				
	J. HITE		\$412	\$32	\$40	\$484
	Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: jhite@clackamas.edu or 503-594-6121.					

PS-201 AMERICAN GOVERNMENT AND POLITICS, 4 CREDITS

Examines the founding principles of the American government, as well as the Constitution, the separation of powers, and the three branches of government, political parties and elections, and the role of interest groups and the media in the political process. In addition, assesses the growing power of the executive branch, the expansion and reach of the federal bureaucracy, governmental policies, and the civil liberties and civil rights of American citizens. Recommended: WRD-090 or placement in WRD-098

WEB	PS-201-01	294605				
	J. HITE		\$412	\$32	\$40	\$484
	Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: jhite@clackamas.edu or 503-594-6121.					

Psychology

PSY-101 HUMAN RELATIONS, 3 CREDITS

Introduction to interpersonal relationships and human relations in a social context. Includes individual and group activities, lecture, and discussions with an emphasis on student participation.

Recommended: WRD-090 or placement in WRD-098

LCT	PSY-101-01	299113	TTH	9-10:50AM		
	J. VELEZ		\$309	\$24	\$40	\$373
	Meets: 6/25-8/15. Online textbook included in section fees.					
LCT	PSY-101-02	294606	MW	12-1:50PM		
	I. MANCINELLI-FRANCONI		\$309	\$24	\$40	\$373
	Meets: 6/24-8/14. Online textbook included in the section fees.					
✓ LCT	PSY-101-30	294608	TTH	6-7:50PM		
	M. MALLATT		\$309	\$24	\$40	\$373
	Meets: 6/25-8/15. Online textbook included in the section fees. At Harmony Community Campus.					

PSY-200 PSYCHOLOGY AS A NATURAL SCIENCE, 4 CREDITS

Introduction to physiological psychology, the study of how the nervous system produces behavior and cognition. Further topics will include consciousness, sleep, memory, and language. Recommended: WRD-090 or placement in WRD-098

	PSY-200-01	294610	TTH	9-11:45AM		
	S. KISER		\$412	\$32	\$0	\$444
	Meets: 6/25-8/15.					

PSY-215 INTRODUCTION TO DEVELOPMENTAL PSYCHOLOGY, 4 CREDITS

Research and theories regarding the development of the individual from conception to death, including physical, social and cognitive changes. Prerequisite or Corequisite: WRD-098 or placement in WR-121

	PSY-215-01	294613	MW	9-11:45AM		
	J. BENNETT		\$412	\$32	\$0	\$444
	Meets: 6/24-8/14.					
✓	PSY-215-30	294615	MW	6-8:45PM		
	J. VELEZ		\$412	\$32	\$0	\$444
	Meets: 6/24-8/14. At Harmony Community Campus.					

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Religious Studies

R-101 COMPARATIVE RELIGIONS, 4 CREDITS

The nature of myth and story, ancient religions, ideas of God, Judaism, and introduction to religious topics. Recommended: WRD-090 or placement in WRD-098

R-101-01	294616	TTH	9-11:45AM			
J. SHELTON		\$412	\$32	\$0	\$444	
Meets: 6/25-8/15.						

R-210 WORLD RELIGIONS, 4 CREDITS

An overview course that examines Eastern/Western religions and philosophies through film, text, and/or online presentations. Introduces Hinduism, Buddhism, Chinese religions, Christianity, Judaism, and Islam. Recommended: WRD-090 or placement in WRD-098

✓ R-210-30	294618	MW	9-11:45AM			
J. SHELTON		\$412	\$32	\$0	\$444	
Meets: 6/24-8/14. At Harmony Community Campus.						

Renewable Energy Technology

All degree seeking students should arrange to speak to a faculty advisor prior to registering. Call 503-594-3318 for more information, or contact the Student Success Center, 503-594-3475.

RET-280 RENEWABLE ENERGY/CWE, 1-12V CREDITS

Cooperative work experience. Major emphasis on work-based learning experience in the renewable energy field. Coordination of instruction and evaluation of student job performance will be provided by college faculty in conjunction with the student's employer/supervisor. Variable Credit: 1-12 credits. Required: Student Petition. Corequisites: CWE-281

RET-280-01	294706					
A. FOUHY		\$1236	\$96	\$75	\$1407V	
Corequisite: CWE-281-06. Contact Abe Fouhy at abef@clackamas.edu or 503-594-3659.						

Science: Arts & Science

See Arts & Science.

Science: Biology

See Biology.

Science: Chemistry

See Chemistry.

Science: Environmental

See Environmental Science.

Science: General Science

See General Science.

Science: Geology

See Geology.

Science: Physics

See Physics.

Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Science: Zoology

See Zoology.

Search and Rescue

Small Business Classes/Workshops

See "Business Development Center."

Sociology

SOC-204 INTRODUCTION TO SOCIOLOGY, 4 CREDITS

This course offers an introduction to the field of sociology. Sociology is the scientific study of human behavior in society. In this course we will introduce and discuss issues including the sociological imagination, culture, socialization, deviance, authority, religion, science and methods of sociological research. Various sociological theories will be introduced and utilized to explore and enhance our understanding of these issues. Recommended: WRD-098 or placement in WR-121

✓	SOC-204-15	294621	MW	6-8:45PM		
	G. LOVELESS		\$412	\$32	\$0	\$444
	Meets: 6/24-8/14. At Wilsonville Campus.					

WEB LCT	SOC-204-01	294620				
	C. SUMMERS-NOMURA		\$412	\$32	\$80	\$524
	Online. Meets: 6/24-8/15. Online textbook included in the section fees. Orientation: online.clackamas.edu Contact: carries@clackamas.edu or 503-594-3866.					

SOC-206 INSTITUTIONS & SOCIAL CHANGE, 4 CREDITS

This course explores how people can change their society. Social change is a process that can be used by people in a society, to change and improve the functioning of their society. This course will explore and discuss how people-led social movements, in the past and in the present, can be developed, organized, and implemented to accomplish social change. Recommended: WRD-098 or placement in WR-121

LCT	SOC-206-01	294623	MW	12-2:45PM		
	E. PFEIFER		\$412	\$32	\$0	\$444
	Meets: 6/24-8/14.					

SOC-225 SOCIAL PROBLEMS, 4 CREDITS

Applies the sociological framework to the study of social problems, their identification, analysis of causes and possible solutions. Problems explored may include mental disorders, drug and alcohol addiction, crime and delinquency, group discrimination, inequality, poverty, alienation, domestic and international violence, environment, and energy. Recommended: WRD-098 or placement in WR-121

	SOC-225-01	294624	TTH	12-2:45PM		
	E. PFEIFER		\$412	\$32	\$0	\$444
	Meets: 6/25-8/15.					

Speech

See Communication Studies.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Theatre Arts

TA-111 FUNDAMENTALS OF TECHNICAL THEATRE, 4 CREDITS

First class of a three part series. Basic study and practice in the collaborative techniques of mounting various types of productions for presentation. Includes basic principles and techniques in stage design, construction, and lighting. Flexible laboratory sessions available. Students must attend a performance as well as participate in the focus and strike (10 total hours) of a production. Students are required to maintain an independent journal/study (12 total hours) of outside class activity and/or observations of Technical Theatre applications.

LCT	TA-111-01	294176	TTH	1-3:50PM		
	C. WHITTEN		\$412	\$32	\$25	\$469

TA-211 TECHNICAL THEATRE STUDY, 4 CREDITS

Comprehensive study and practice in presentational graphics, scene design, lighting design, and chromatics. The full creative process of staging a production will be explored through aesthetic research and design projects. Includes hands-on participation in CCC's main stage productions. Prerequisites: TA-111, TA-112, and TA-113 Recommended: WRD-098 or placement in WR-121

LCT	TA-211-01	294178	TTH	1-3:50PM		
	C. WHITTEN		\$412	\$32	\$25	\$469

Transportation & Logistics

Through a first-ever public/private partnership with IITR (International Institute of Transportation Resource), CCC is offering a series of Transportation and Logistics courses which include Commercial Driver's Licensing (CDL) training, practical applications, customer service skills, and cooperative work experience.

TTL-101 and TTL-121 will be taken in combination, and are available in daytime, evening and weekend formats. The combined class fee is to be PAID ON SITE to IITR. For more information on IITR and this training program, contact Amanda Watson at 503-657-8225, or inquire at <http://www.iitr.net/information.html>

TTL-101 INTRODUCTION TO PROFESSIONAL TRUCK DRIVING & LOGISTICS, 4 CREDITS

Introduction to logistics and commercial vehicle operation, covering control systems, coupling procedures, cargo handling and pre-trip inspections. Covers regulations and requirements for CDL, speed management, road conditions, and accident scene management. Variable Credit: 1-8 credits.

✓	TTL-101-01	294711	TBA	TBA		
	P. GOFF		\$0	\$0	\$0	\$0
	Meets Weeks of: 6/24-8/15. Required: Student Petition. To register, contact Amanda Watson at 503-657-8225. A \$5,222 fee is payable to IITR; this includes the cost of the corequisite class TTL-121-01. At Clackamas.					

TTL-121 PRACTICAL APPLICATIONS IN PROFESSIONAL TRUCK DRIVING & LOGISTICS, 6 CREDITS

Demonstration of skill development related to safe commercial vehicle operation. In-depth coverage of logistics, business processes and communication skills development. Covers delivery basics, including backing, visual search, shifting, turning, space and speed management. Variable Credit: 1-8 credits.

✓	TTL-121-01	294713	TBA	TBA		
	P. GOFF		\$0	\$0	\$0	\$0
	Meets Weeks of: 6/24-8/15. Required: Student Petition. To register, contact Amanda Watson at 503-657-8225. Course fees are included upon registration in TTL-101-01. At Clackamas.					

✓ Harmony or Wilsonville campus, other off campus location

WEB Online course - see page 14.

HYB Classroom/online course - see page 15.

LCT Low-Cost Text - see page 89.

TBA To be arranged: contact department first class

V Variable credit class: total cost reflects *maximum*

NEW New class

ESPAÑOL Taught in Spanish
Location code abbreviations:
See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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TTL-141 TRANSPORTATION CUSTOMER SERVICE SKILLS, 3 CREDITS

Focuses on building necessary skills for outstanding customer service, including effective listening, conflict resolution, and communication. Identify internal and external customers, learn how to handle potentially unproductive interactions, and create positive experiences for all customers. Variable Credit: 1-3 credits.

WEB	TTL-141-01	294714				
	P. GOFF		\$0	\$0	\$373	\$373
	Meets Weeks of: 6/24-8/15. Online. Orientation: online.clackamas.edu. Contact: Matt Goff at matt.goff@clackamas.edu or 503-594-1684.					

TTL-180 TRANSPORTATION & LOGISTICS/CWE, 6 CREDITS

Cooperative work experience in the Transportation & Logistics field. Supervision and evaluation of the student's job performance will be provided by qualified staff of the college and employer. Variable Credit: 1-6 credits. Required: Student Petition. Corequisites: CWE-281

✓	TTL-180-01	294715				
	P. GOFF		\$0	\$0	\$711	\$711
	Meets Weeks of: 6/24-8/15. Required: Student Petition. Contact: Matt Goff at matt.goff@clackamas.edu or 503-594-1684. At Clackamas.					

Unmanned Systems Program (USP-Drones)

Call Jeff Ennenga at 503-594-3539 for more information.

Water & Environmental Technology

WET-108 CROSS-CONNECTION CONTROL PROGRAM SPECIALIST, 3 CREDITS

Specialized training for those who want to be involved in administering cross-connection control programs. Elements of a cross-connection control program, basic hydraulics, state specific regulations, identifying possible cross-connections and site surveys in order to determine proper type of backflow protection, if needed.

WET-108-01	294717	TWTHF	8-4:50PM			
J. NURMI		\$309	\$24	\$42	\$375	
Meets: 9/3-9/6.						

WET-109 BACKFLOW ASSEMBLY OPERATION AND TESTING, 4 CREDITS

Lecture course with lab component that focuses on backflow assembly hydraulics, operations, installation, and testing.

WET-109-01	294718	MTWTHF	8-4:50PM			
M. LAFORCE		\$412	\$32	\$26	\$470	
Meets: 8/12-8/16.						

WET-180 WATER & ENVIRONMENTAL PROJECTS I, 5 CREDITS

Practical work experience in a municipal industrial treatment, distribution, or collection system. Placement in consulting firms, federal and state regulatory agencies, BLM, BPA, and other regulated governmental organizations. Variable Credit: 1-5 credits. Corequisites: CWE-281

WET-180-01	294719					
M. LAFORCE		\$515	\$40	\$22	\$577	
Corequisite: CWE-281-03. Required: Student Petition.						

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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WET-280 WATER & ENVIRONMENTAL PROJECTS II, 5 CREDITS

Practical work experience in a municipal industrial treatment, distribution, or collection system. Placement in consulting firms, federal and state regulatory agencies, BLM, BPA, and other regulated governmental organizations. Practical experience in a municipal, public or private wastewater treatment facility of specific activated sludge design. Process loading criteria, data acquisition and trend charting, and relevant sanitary process strategies will be addressed. Prerequisite or Corequisite: CWE-281

WET-280-01	294720					
M. LAFORCE		\$515	\$40	\$22	\$577	
Meets: 6/24-9/7. Corequisite: CWE-281-03. Required: Student Petition.						

XWET-C004 4-DAY CROSS CONNECTION SPECIALIST COURSE, 3.2 CEU

Designed to provide information to individuals involved in the protection of public water systems from contamination due to cross connections. This course should be of special interest to cross connection control specialists, plumbing inspectors, waterworks managers, and backflow device testers.

XWET-C004-41	294754	TWTHF	8-4:50PM			
J. NURMI		\$0	\$0	\$375	\$375	
Meets: 9/3-9/6.						

XWET-C005 5-DAY BACKFLOW TESTER COURSE, 4 CEU

Presentation of backflow prevention devices used for water system cross connection control; will include proper installation procedures, approved testing procedures, and an introduction to backflow device repair techniques. Students will learn to identify common, actual, and potential cross connection hazards; students will be introduced to the basic requirements for carrying out a cross connection program. Students will be able to apply to Oregon Health Authority for Certification by that agency.

XWET-C005-51	294755	MTWTHF	8-3:50PM			
M. LAFORCE		\$0	\$0	\$470	\$470	
Meets: 8/12-8/16.						

Welding Technology

WLD-102 INTRODUCTION TO WELDING, 2 CREDITS

Designed for the beginner and experimental welder. Includes: oxy-acetylene, stick, wire feed and TIG welding, oxy-acetylene and plasma arc cutting.

WLD-102-01	294721	S	9-2:30PM			
M. TIZO		\$206	\$16	\$118	\$340	
Meets: 6/24-8/15.						

WLD-110 WELDER CERTIFICATION, 4 CREDITS

This course provides theory and practical instruction to become a certified welder. Students will choose a welding process (flux core arc welding, shielded metal arc welding, or gas tungsten arc welding) for certification. Material needed for practice welding will be provided. Students will take a welding certification exam at the end of the class. May be repeated for up to 12 credits.

WLD-110-04	294725	MW	11-3:50PM			
G. RICKARD		\$412	\$32	\$376	\$820	
Meets: 6/25-8/16						

WLD-110-01	294722	TTH	5-9:50PM			
B. MULLIGAN		\$412	\$32	\$376	\$820	
Meets: 6/24-8/15. Required: Student Petition. Contact: bruce.mulligan@clackamas.edu.						

WLD-110-02	294723	MW	5-9:50PM			
J. VOSKUIL		\$412	\$32	\$376	\$820	
Meets: 6/24-8/15. . Required: Student Petition. Contact: gordonr@clackamas.edu.						

Continued

Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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Welding Technology, continued

WLD-113 GAS METAL ARC WELDING/FLUX CORE ARC WELDING (WIREFEED), 8 CREDITS

Provides students with the opportunity to acquire knowledge and skills to set up and operate equipment to perform fillet and groove welds in all positions with the Gas Metal Arc and Flux Core Arc Welding processes. Oxy-fuel cutting, and air carbon arc cutting and gouging will be covered. Welding codes, standards and specifications will be reviewed. Variable Credit: 1-8 credits.

WLD-113-01	294726	MTWTH	5-9:50PM			
J. PHELPS		\$824	\$64	\$472	\$1360	
Meets: 6/24-8/15.						

WLD-113A GAS METAL ARC WELDING/FLUX CORE ARC WELDING (WIREFEED), 4 CREDITS

The first half of WLD-113 which provides the opportunity to acquire knowledge and skills to set up and operate equipment to perform fillet welds in flat and horizontal positions with the Gas Metal Arc and Flux Core Arc Welding processes. Oxy-fuel cutting, air carbon arc cutting and gouging will be covered.

WLD-113A-01	294727	MW	5-9:50PM			
J. PHELPS		\$412	\$32	\$236	\$680	
Meets: 6/24-8/15.						

WLD-113B GAS METAL ARC WELDING/FLUX CORE ARC WELDING (WIREFEED), 4 CREDITS

The second half of WLD-113 which provides the opportunity to acquire additional knowledge and skills needed to perform more advanced fillet and groove welds in vertical and overhead positions with the Gas Metal Arc and Flux Core Arc Welding processes. Welding codes, standards, and specifications will be reviewed. Prerequisites: WLD-113A

WLD-113B-01	294728	TTH	5-9:50PM			
J. PHELPS		\$412	\$32	\$236	\$680	
Meets: 6/24-8/15.						

WLD-150 WELDING PROCESSES, 4 CREDITS

Covers oxy-acetylene welding, brazing, cutting, stick welding, wire feed, oxy-fuel and plasma cutting. Includes: safety, electrical fundamentals, routine maintenance, minor repairs, and terms and definitions.

WLD-150-01	294729	MW	5-9:50PM			
J. VOSKUIL		\$412	\$32	\$236	\$680	
Meets: 6/24-8/15.						

WLD-200 WELDER'S PRINT READING II, 3 CREDITS

Provides instruction in reading and interpretation of prints and symbols common in welding industry. Participants will learn interpretation and application of blueprint views. Includes basic layout techniques and math review. American Welding Society symbols, International Standards Organization symbols, pipe welding symbols, and inspection symbols are covered. Prerequisites: WLD-100

WLD-200-01	294730	W	12-3:50PM			
D. BATES		\$309	\$24	\$59	\$392	
Meets: 6/24-8/15.						

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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WLD-210 PIPE WELDING, 4 CREDITS

Provides beginning theory and practical instruction in the Shielded Metal Arc Welding (SMAW) process on steel plate and pipe. The specific projects include: stringer beads, fillet and groove welds on plate with root and cover proficiency, pipe cutting using the oxy-fuel process, and groove welds on pipes in all positions. Prerequisites: WLD-111, or WLD-111A and WLD-111B, and WLD-150 or prior experience in SMAW

WLD-210-01	294731	MW	11-3:50PM			
G. RICKARD		\$412	\$32	\$236	\$680	
Meets: 6/24-8/15.						

WLD-215 ADVANCED GAS TUNGSTEN ARC WELDING, 4 CREDITS

This course provides the opportunity for students to acquire the knowledge and skills needed to perform quality fillet and groove welds in all positions using the Gas Tungsten Arc Welding (GTAW) process. Advanced welding theory and procedures will also be included. Prerequisites: WLD-115; or WLD-115A and WLD-115B

WLD-215-01	294733	TTH	11-3:50PM			
B. MULLIGAN		\$412	\$32	\$236	\$680	
Meets: 6/24-8/15.						

WLD-250 WELDING FABRICATION I BEGINNING PROJECT, 4 CREDITS

This course consists of lecture and lab and provides instruction in fabrication techniques including blueprint reading, layout, sketching, bills of material, job cost calculations, measuring, fitting, cutting and welding. Students will be assigned beginning fabrication projects. The student will be responsible for all aspects of managing the project to successful completion. Prerequisites: MFG-103 or MFG-111; and WLD-111, WLD-113, or WLD-115

WLD-250-01	299204	TTH	5-9:50PM			
B. MULLIGAN		\$412	\$32	\$236	\$680	
Meets: 6/24-8/15.						

WLD-251 WELDING FABRICATION II INTERMEDIATE PROJECT, 4 CREDITS

This course consists of lecture and lab. Students will use the skills learned in Fabrication I, such as blueprint reading, layout, sketching, bills of materials, job cost calculations, measuring, fitting, cutting and welding, and apply them to more challenging projects. Students will be assigned intermediate fabrication projects. The student will be responsible for all aspects of managing the project to successful completion. Prerequisites: WLD-250

WLD-251-01	299205	TTH	5-9:50PM			
B. MULLIGAN		\$412	\$32	\$236	\$680	
Meets: 6/24-8/15.						

WLD-252 WELDING FABRICATION III ADVANCED PROJECT, 4 CREDITS

This course consists of lecture and lab. Students will use the skills learned in Fabrication I and II, such as blueprint reading, layout, sketching, bills of materials, job cost calculations, measuring, fitting, cutting and welding, and apply them to advanced projects. Students will be assigned advanced fabrication projects. The student will be responsible for all aspects of managing the project to successful completion. Prerequisites: WLD-251

WLD-252-01	299206	TTH	5-9:50PM			
B. MULLIGAN		\$412	\$32	\$236	\$680	
Meets: 6/24-8/15.						

✓ Harmony or Wilsonville campus, other off campus location

WEB Online course - see page 14.

HYB Classroom/online course - see page 15.

LCT Low-Cost Text - see page 89.

TBA To be arranged: contact department first class

V Variable credit class: total cost reflects maximum

NEW New class

ESPAÑOL Taught in Spanish
Location code abbreviations:
See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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WLD-261 WELDING SPECIAL PROJECTS, 1-2V CREDITS

Allows students to improve their welding skills while working on instructor-approved projects. Variable Credit: 1-2 credits. May be repeated for up to 12 credits.

WLD-261-05	294738	S	9-2:30PM			
M. TIZO		\$206	\$16	\$118	\$340V	
Meets: 6/24-8/15.						
WLD-261-06	294739	M	11-3:50PM			
G. RICKARD		\$206	\$16	\$118	\$340V	
Meets: 6/24-8/15.						
WLD-261-07	299308	T	11-3:50PM			
B. MULLIGAN		\$206	\$16	\$118	\$340V	
Meets: 6/24-8/15.						
WLD-261-09	299309	W	11-3:50PM			
G. RICKARD		\$206	\$16	\$118	\$340V	
Meets: 6/24-8/15.						
WLD-261-10	299310	TH	11-3:50PM			
B. MULLIGAN		\$206	\$16	\$118	\$340V	
Meets: 6/24-8/15.						
WLD-261-01	294734	M	5-9:50PM			
J. PHELPS		\$206	\$16	\$118	\$340V	
Meets: 6/24-8/15. Contact: johnp@clackamas.edu or 503-594-6378.						
WLD-261-02	294735	T	5-9:50PM			
J. PHELPS		\$206	\$16	\$118	\$340V	
Meets: 6/24-8/15. Contact: johnp@clackamas.edu or 503-594-6378.						
WLD-261-03	294736	W	5-9:50PM			
J. PHELPS		\$206	\$16	\$118	\$340V	
Meets: 6/24-8/15. Contact: johnp@clackamas.edu or 503-594-6378.						
WLD-261-04	294737	TH	5-9:50PM			
J. PHELPS		\$206	\$16	\$118	\$340V	
Meets: 6/24-8/15. Contact: johnp@clackamas.edu or 503-594-6378.						

WLD-280 WELDING TECHNOLOGY/CWE, 1-6V CREDITS

Cooperative work experience in the welding trades. Worksite to be determined prior to registering for this class. Skills learned from welding classes will be applied while working at a job site. Goals for this class will be established with the company supervisor, instructor, and student. An online seminar is also required to complete this course. Variable Credit: 1-6 credits. May be repeated for up to 9 credits. Required: Student Petition. Corequisites: CWE-281

WLD-280-01	294741					
B. MULLIGAN		\$618	\$48	\$45	\$711V	
Corequisite: CWE-281-06. Contact: bruce.mulligan@clackamas.edu or 503-594-6677.						

XWLD-0001 AMERICAN WELDING SOCIETY (WLD) CERTIFICATION 1 PLATE TEST, 0 CREDIT

Welder certification in accordance with AWS D1.1 for one position for students enrolled in any CCC welding course.

XWLD-0001-01	294757	TBA	TBA			
B. MULLIGAN		\$0	\$0	\$140	\$140	
Meets Weeks of: 6/20-8/11.						

XWLD-0002 AMERICAN WELDING SOCIETY CERTIFICATION 2 PLATE OR 1 PIPE TEST, 0 CREDIT

Welder certification in any two positions, in accordance with AWS D1.1 for students enrolled in any CCC welding course.

XWLD-0002-01	294758	TBA	TBA			
B. MULLIGAN		\$0	\$0	\$280	\$280	
Meets Weeks of: 6/20-8/11.						

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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XWLD-0003 AMERICAN WELDING SOCIETY CERTIFICATION RETAKE TEST, 0 CREDIT

Welder certification on retest in any position, in accordance with AWS D1.1 for students enrolled in any CCC welding course. Required: Student Petition.

XWLD-0003-01	294759	TBA	TBA			
B. MULLIGAN		\$0	\$0	\$25	\$25	
Meets Weeks of: 6/20-8/11.						

Women's Studies

WS-101 INTRODUCTION TO WOMEN'S STUDIES, 4 CREDITS

Examines the history of the representation of women, the history of US feminism and the development of Women's Studies as an academic discipline. Critically explores social issues relevant to women's lives, including gender-expression, marginalization, reproduction, sexuality, economic status and the experience of violence. Recommended: WRD-098 or placement in WR-121

LCT	WS-101-01	299114	MW	9-11:45AM		
	K. SEVERSON		\$412	\$32	\$0	\$444
	Meets: 6/24-8/14.					

World Languages

ASL-102 AMERICAN SIGN LANGUAGE, 4 CREDITS

Second term of a three-term introductory course. Emphasis will be on increasing communicative abilities. Course will focus on language functions such as making requests, describing others, and/or telling a short story. Grammar and vocabulary will also be emphasized throughout the course. Prerequisites: ASL-101 with a C or better

ASL-102-01	299241	MW	9-11:45AM			
B. GARNER		\$412	\$32	\$10	\$454	
Meets: 6/24-8/14.						

SPN-101 FIRST-YEAR SPANISH I, 4 CREDITS

First of a three-term foundational, multimedia course for beginners. Initial emphasis is on speaking and listening comprehension, with secondary emphasis on reading and writing. Various cultural themes are presented. Recommended: WRD-098 or placement in WR-121

SPN-101-01	294626	MTWTH	8-11:50AM			
J. BARNHILL		\$412	\$32	\$10	\$454	
Meets: 6/24-7/11. One-time textbook purchase used for SPN-101 through SPN-203.						

SPN-102 FIRST-YEAR SPANISH II, 4 CREDITS

Second of a three-term foundational, multimedia course for beginners. Initial emphasis is on speaking and listening comprehension, with secondary emphasis on reading and writing. Various cultural themes are presented. Prerequisites: SPN-101 Recommended: WRD-098 or placement in WR-121

SPN-102-01	294631	MTWTH	8-11:50AM			
J. BARNHILL		\$412	\$32	\$10	\$454	
Meets: 7/15-7/31. One-time textbook purchase used for SPN-101 through SPN-203.						

Continued

Course Listing

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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World Languages, continued

SPN-103 FIRST-YEAR SPANISH III, 4 CREDITS

Third of a three-term foundational, multimedia course for beginners. Initial emphasis is on speaking and listening comprehension, with secondary emphasis on reading and writing. Various cultural themes are presented. Prerequisites: SPN-102

SPN-103-01	294637	MTWTH	8-11:50AM			
J. BARNHILL		\$412	\$32	\$10	\$454	
Meets: 8/5-8/21. One-time textbook purchase used for SPN-101 through SPN-203.						

✓ SPN-103-30	299115	MW	12-2:45PM			
V. SHORT		\$412	\$32	\$10	\$454	
Meets: 6/24-8/14. One-time textbook purchase used for SPN-101 through SPN-203. At Harmony Community Campus.						

Writing

WR-101 COMMUNICATION SKILLS: OCCUPATIONAL WRITING, 3 CREDITS

Develops basic modes of technical writing, including summaries, process analysis, instructions, and reports. Prerequisites: WRD-098 or placement in WR-121

LCT	WR-101-01	294640	MW	9-10:55AM		
	P. CRUMRINE		\$309	\$24	\$17	\$350
Meets: 6/24-8/15.						

WR-121 ENGLISH COMPOSITION, 4 CREDITS

Introduces the academic essay. Students learn to use a writing process, from brainstorming to polishing, as they develop original responses to challenging articles and academic essays. The class emphasizes information literacy: how to find and evaluate source material, as well as to integrate and cite it. Prerequisites: WRD-098 or placement in WR-121

LCT	WR-121-01	294642	MW	9-11:35AM		
	T. DODGE		\$412	\$32	\$17	\$461
Meets: 6/24-8/15.						

LCT	WR-121-02	294644	TTH	9-11:35AM		
	L. ORMANDY		\$412	\$32	\$17	\$461
Meets: 6/24-8/15.						

LCT	WR-121-03	294646	MW	12-2:35PM		
	T. DODGE		\$412	\$32	\$17	\$461
Meets: 6/24-8/15.						

LCT	WR-121-04	294647	TTH	12-2:35PM		
	A. WARREN		\$412	\$32	\$17	\$461
Meets: 6/24-8/15.						

WEB LCT	WR-121-05	294649				
	R. DAVIS		\$412	\$32	\$57	\$501
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: ryand@clackamas.edu or 503-594-3258.						

WEB LCT	WR-121-06	294651				
	R. DAVIS		\$412	\$32	\$57	\$501
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: ryand@clackamas.edu or 503-594-3258.						

WEB LCT	WR-121-07	299120				
	N. ROSEVEAR		\$412	\$32	\$57	\$501
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: nicolero@clackamas.edu or 503-594-6120.						

✓	WR-121-30	294654	MW	9-11:35AM		
	M. SCHUMACHER		\$412	\$32	\$17	\$461
Meets: 6/24-8/15. At Harmony Community Campus.						

✓ LCT	WR-121-31	294655	TTH	6-8:35PM		
	S. WARREN		\$412	\$32	\$17	\$461
Meets: 6/24-8/15. At Harmony Community Campus.						

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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WR-122 ENGLISH COMPOSITION, 4 CREDITS

This class examines the major principles of argumentation and persuasion including analyzing and writing persuasive essays and visual texts in addition to finding, using, and documenting sources. Prerequisites: WR-121 with a C or better

LCT	WR-122-01	294656	MW	9-11:35AM		
	R. MURPHY		\$412	\$32	\$17	\$461
Meets: 6/24-8/15.						

	WR-122-02	294658	TTH	9-11:35AM		
	M. WARREN		\$412	\$32	\$17	\$461
Meets: 6/24-8/15.						

LCT	WR-122-03	294660	MW	12-2:35PM		
	R. MURPHY		\$412	\$32	\$17	\$461
Meets: 6/24-8/15.						

WEB	WR-122-04	294661				
	M. WARREN		\$412	\$32	\$57	\$501
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: matthew.warren@clackamas.edu or 503-594-6199.						

WEB	WR-122-05	294662				
	M. WARREN		\$412	\$32	\$57	\$501
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: matthew.warren@clackamas.edu or 503-594-6199.						

✓	WR-122-30	299121	MW	12-2:35PM		
	J. DAVIS		\$412	\$32	\$17	\$461
Meets: 6/24-8/15. At Harmony Community Campus.						

✓	WR-122-31	294663	TTH	6-8:35PM		
	M. SCHUMACHER		\$412	\$32	\$17	\$461
Meets: 6/24-8/15. At Harmony Community Campus.						

WR-128 INTRODUCTION TO APA STYLE & DOCUMENTATION, 1 CREDIT

Introduces American Psychological Association (APA) style and documentation, including document format, in-text citation, and references page. Includes style and documentation for narrative and academic papers. Students will work with provided sources. Recommended for pre-nursing and nursing students, allied health students, and STEM and social science students. Prerequisites: WR-121 with a C or better

WEB LCT	WR-128-01	299122				
	S. PESZNECKER		\$103	\$8	\$57	\$168
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: susanpz@clackamas.edu or 503-594-3799.						

WR-140 INTRODUCTION TO WRITING CREATIVELY, 4 CREDITS

Guides students through the discussion and practice of writing creatively in many genres and formats, primarily poetry, fiction, drama and creative non-fiction in a workshop format. May also include screenwriting, digital story telling, film, and performance genres. Recommended: WRD-098 or placement in WR-121

WEB LCT	WR-140-01	294665				
	T. DONNELLY		\$412	\$32	\$40	\$484
Online. Meets: 6/24-7/18. Orientation: online.clackamas.edu. Contact: tdonnelly@clackamas.edu or 503-594-6159.						

✓ Harmony or Wilsonville campus, other off campus location

WEB Online course - see page 14.

HYB Classroom/online course - see page 15.

LCT Low-Cost Text - see page 89.

TBA To be arranged: contact department first class

V Variable credit class: total cost reflects *maximum*

NEW New class

ESPAÑOL Taught in Spanish
Location code abbreviations:
See Campus Map, page 92.

Course No.	Course title/credit Section No. Instructor	Crs.Reg.	Day Tuition	Time Fee	Crs. Fee	Total
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WR-227 TECHNICAL REPORT WRITING, 4 CREDITS

Introduction to report and proposal writing, focusing on organization, form, and style. Emphasis on materials gathered from professional fields such as medicine, nursing, dentistry, government, criminal justice, business, engineering, technology, science, and public relations. The course prepares students to produce clear, informative, and persuasive documents. The purpose and target audience influence choices about how information is presented including writing style, document layout, vocabulary sentence and paragraph structure, and visuals. The course is grounded in rhetorical theory and focuses on producing usable, user-centered content that is clear, concise and ethical. Students will engage in current best practices and work individually and in groups to learn strategies for effective communication in the digital and networked, global workplace. Prerequisites: WR-121 with a C or better

LCT	WR-227-01	294667	TTH	12-2:35PM		
	L. ORMANDY		\$412	\$32	\$17	\$461
	Meets: 6/24-8/15.					

WEB LCT	WR-227-02	294668				
	J. MCALPINE		\$412	\$32	\$57	\$501
	Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu .					
	Contact: jeffmc@clackamas.edu or 503-594-3263.					

WEB LCT	WR-227-03	294670				
	J. MCALPINE		\$412	\$32	\$57	\$501
	Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu					
	Contact: jeffmc@clackamas.edu or 503-594-3263.					

WRD-098 INTRODUCTORY READING & WRITING 2: COLLEGE PREPARATION, 4 CREDITS

This course builds on the basic reading and writing skills covered in WRD-090 and prepares students to be successful in WR-121, college-transfer-level composition. Students will read shorter college-level texts and create short essays responding to them. Topics include how to follow a writing process, perform basic research, work in a writing group, and reflect on one's own learning. Prerequisites: WRD-090 or placement in WRD-098

LCT	WRD-098-01	294672	MW	9-11:35AM		
	A. WICKERT		\$412	\$32	\$17	\$461
	Meets: 6/24-8/15.					

LCT	WRD-098-02	299236	TTH	9-11:35AM		
	A. WARREN		\$412	\$32	\$17	\$461
	Meets: 6/24-8/15.					

✓ LCT	WRD-098-30	299123	MW	9-11:35AM		
	J. DAVIS		\$412	\$32	\$17	\$461
	Meets: 6/24-8/15. At Harmony Community Campus.					

✓ LCT	WRD-098-15	294674	TTH	12-2:35PM		
	A. WICKERT		\$412	\$32	\$17	\$461
	Meets: 6/24-8/15. At Wilsonville Campus.					

XWR-0001 CHRYSALIS WOMEN WRITERS, 0 CREDIT

This club is for CCC students and non-students to support the creation of, practice of, and critique of creative writing. An honest and supportive critique group, welcomes both new and established women writers. Newcomers are welcome to attend without reading their own work until they are comfortable doing so. This workshop is led by local author Patricia Lichen.

LCT	XWR-0001-01	294675	W	12-1:50PM		
	P. LICHEN		\$0	\$0	\$0	\$0
	Meets: 6/24-9/11.					

Community Education

How to register:

Please register directly through the Community Education Partner hosting the class you would like to attend. A complete list of partners is available on the next page. Many partners accept online registrations on their websites. If you prefer to mail in your registration, use the form provided below and mail it directly to the partner. Please contact the partner if you have additional questions regarding your classes.

Multiple registrations

To register with more than one community school/senior center, or to register more than one individual per site/class, use separate photocopies of the registration form.

Refunds

Refund policies vary, contact the Community Education partner for details.

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Return your registration form & payment to the Community Education Partner hosting the class. Contact information is on the next page.

COMMUNITY EDUCATION REGISTRATION FORM SUMMER 2019

TODAY'S DATE: / /		COMMUNITY EDUCATION PARTNER:		SOCIAL SECURITY NUMBER:	
LAST NAME:		FIRST NAME:		MIDDLE INITIAL:	
CURRENT ADDRESS Number and street:		City:		State:	Zip:
ETHNICITY: <input type="checkbox"/> Hispanic or Latino <input type="checkbox"/> Not Hispanic or Latino					
RACE: (Choose all that apply)					
<input type="checkbox"/> American Indian / Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African American <input type="checkbox"/> Native Hawaiian or other Pacific Islander <input type="checkbox"/> White					
GENDER: <input type="checkbox"/> Male <input type="checkbox"/> Female PREVIOUS NAME(S):					
EMAIL ADDRESS		HOME PHONE: ()	WORK PHONE: ()	DATE OF BIRTH*: / /	
IN CASE OF EMERGENCY, NOTIFY					
Last name:		First name:		Phone: ()	
SIGNATURE: (Parent, guardian or adult student)					

Providing your Social Security Number (SSN) is voluntary. If you provide it, the college will use your SSN for keeping records, doing research, aggregate reporting, extending credit and collecting debts. Your SSN will not be given to the general public. If you choose not to provide your SSN, you will not be denied any rights as a student. Providing your Social Security number means that you consent to the use of the number in the manner described.

* If you're under 18, additional permissions may be required before you can register for classes.

Course No.	Course Title	Time	M	T	W	Th	F	S	Su	Start Date	Location	Tuition	Fee	Total
1
2
3

Clackamas Community College does not discriminate on the basis of race, color, religion, gender, sexual orientation, marital status, age, national origin/ancestry, disability, family relationship or any other protected status in accordance with applicable law. The College's commitment to nondiscrimination applies to curriculum activity and all aspects of operation of the College.

Community Education Partners

Gladstone Community Education & Recreation

17789 Webster Road, Gladstone, OR 97027

Phone: 503-650-2570 FAX: 503-655-5201

- Registration begins immediately
- Online registration at www.gladstone.k12.or.us. Click on the box that says "Learning for Life Community Education" for registration links.
- Phone/fax/mail/walk-in registration with credit card
- Checks payable to: Gladstone Community School
- Confirmation on request only

North Clackamas Parks & Recreation

7300 SE Harmony Rd, Milwaukie, OR 97222

Phone: 503-794-8080 FAX: 503-794-8085

- Online registration at ncprd.com
- Phone/fax/mail registration with credit card
- Checks payable to: N. Clackamas Parks & Rec

Oregon City Community Education Program and Services

Eastham Community Center

1404 7th St., Oregon City, OR 97045

Phone: 503-785-8520 FAX: 503-657-2536

- Registration begins immediately
- Checks payable to: OCSD
- Online registration https://occe.cr3.rschooldtoday.com/public/getcategory/program_id/2

Oregon City Swimming Pool

1211 Jackson Street, Oregon City, OR 97045

Phone: 503-657-8273

- Website: www.orcity.org
- Checks payable to Oregon City Pool.

Pioneer Community Center

(Oregon City Senior Center)

615 Fifth Street, Oregon City, OR 97045

Phone: 503-657-8287

- Checks payable to: Pioneer Community Center

West Linn Parks & Recreation

22500 Salamo Road, 1100, West Linn, OR 97068

Phone: 503-557-4700 FAX: 503-656-4106

- Register online at <http://westlinnoregon.gov/parksrec>
- Fax or mail registrations with check or charge card
- Telephone registrations can be done with charge card once your account is set up online
- Checks made payable to City of West Linn

Wilsonville Parks & Recreation

7965 SW Wilsonville Rd, Wilsonville, OR 97070

503-682-3727

- Register in person or online at WilsonvilleParksandRec.com
- Checks payable to: City of Wilsonville

*Senior Discount

Seniors 62 years of age or older qualify for discounted tuition for many Community Education classes. Proof of age is required.

Community Education Needs You!

Clackamas Community College and the Community School partners are seeking part-time instructors for the Community Education program. If you have the ability and desire to provide a learning experience for seniors, adults and/or youths in your community, your talents are needed. Fill out an interest form at www.clackamas.edu/community-education.

Community Education Locations

Aikido Northwest
16029 SE McLoughlin, Bldg B, Milwaukie

Campbell Elementary
11326 SE 47th Ave, Milwaukie

Candy Lane Elementary
5901 SE Hull Ave, Milwaukie

Clackamas River Racquet Club
790 82nd Dr, Gladstone

Clackamette Park
1955 Clackamette Dr, Oregon City

Eastham Community Center
1404 7th St, Oregon City

East Side Milwaukie
4606 SE Boardman, Milwaukie

East Side Clackamas
9100 SE Sunnyside Rd, Clackamas

EcoDive NW
183 King St, Oregon City

Gladstone High School
18800 Portland Ave, Gladstone

Gladstone Senior Center
1050 Portland Ave, Gladstone

Gladstone Park Seventh-Day Adventist Church

8378 Cason Rd, Gladstone

Grand Finale' Dance Studio
875 Portland Ave, Gladstone

Hammerle Park
1505 Lewis St, West Linn

Harmony Road Music Center
17300 SE 82nd Dr, Clackamas

Highland Stables
16723 S Williams Rd, Beavercreek

Hood View Park
6223 SE Stadium Way, Happy Valley

John Wetten Elementary
250 E Exeter St, Gladstone

King Elementary School
995 South End Rd, Oregon City

Kraxberger Middle School
17777 Webster Rd, Gladstone

Mary S. Young Park
19900 Willamette Dr, West Linn

Marylhurst Heights Park
1800 Valley View Dr, West Linn

McLean House
5350 River St, West Linn

Milwaukie Center
5440 SE Kellogg Creek Dr, Milwaukie

Memorial Park
8100 SE Memorial Dr, Wilsonville

Mount Scott Elementary
11201 SE Stevens Rd, Happy Valley

Muraze Plaza
8300 SW Wilsonville Rd, Wilsonville

North Clackamas Aquatic Park
7300 SE Harmony Rd, Milwaukie

North Clackamas Park
5440 SE Kellogg Creek Dr, Milwaukie

Oregon City High School
19761 S Beavercreek Rd, Oregon City

Oregon City Pioneer Community Center
615 Fifth St, Oregon City

Oregon City Swimming Pool
1211 Jackson St, Oregon City

Parks & Recreation Administration Building

29600 SW Park Place, Wilsonville

Rex Putnam High School
4950 SE Roethe Rd, Milwaukie

Risley Park
2350 SE Swain Ave, Milwaukie

Robinwood Park
3600 Fairview Way, West Linn

Rock Creek Middle School
14897 SE Parklane Dr, Happy Valley

Rose Villa
13505 SE River Rd, Milwaukie

Rosemont Ridge Middle School
20001 Salamo Rd, West Linn

Stone Creek Golf Course
14603 S Stoneridge Dr, Oregon City

Sunset Fire Hall
2215 Long St, West Linn

Sunset Primary School
2351 Oxford St, West Linn

Tanner Creek Park
3456 Parker Rd, West Linn

West Linn High School
5464 West A St, West Linn

West Linn Adult Community Center
1180 Rosemont Rd, West Linn

Wichita Center
6031 SE King Rd, Milwaukie

Wilsonville Community Center
7965 SW Wilsonville Rd, Wilsonville

Willamette Park
1100 12th St., West Linn

Register with the Community Education Partner sponsoring your class.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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CCC

COMMUNITY EDUCATION

MOTORCYCLE & SCOOTER CLASSES

Clackamas Community College motorcycle courses are offered in cooperation with Team Oregon, a nationally recognized leader in motorcycle rider safety and skills training. Team Oregon offers courses for riders of all levels of ability. You can learn to ride, earn your motorcycle endorsement or take your skills to the next level. The course instruction and coaching will help you to ride safer, smarter and more skillfully. Basic and intermediate courses are approved for Oregon's mandatory training requirement, and feature hands-on practice riding and online classroom. Students can also choose to attend in-person classroom sessions.

YDRE-300 BASIC COURSES

Choose from Basic Rider Training (BRT) or eRider™ Basic, 8 hours practice riding plus classroom; available to all riders 16 and older; mandatory for new riders under 21. \$199

YDRE-300 INTERMEDIATE COURSES

Choose from Intermediate Rider Training (IRT) or eRider™ Intermediate, 4 hours practice riding plus classroom; available to all riders 21 and older; previous riding experience required. \$169

ZDRE-300 ADVANCED RIDER SKILLS PRACTICE

4.5 hours, no classroom. Practice braking, cornering, swerving, tight-turns, and a circuit ride; available to riders 16 and older with a motorcycle endorsement, other advanced courses are available through Team Oregon. \$99

Find complete training and licensing information, course schedules and register online at the Team Oregon website <http://team-oregon.org>. If you need additional assistance or information, call 800-545-9944.

ROSE VILLA

13505 SE River Rd, Milwaukie

To register: 503-654-3171

YPED-600-1104 FUNCTIONAL FITNESS

FUNctional fitness is using fun ways to improve your body's ability to function better on a daily basis. Improve core strength, balance, cognition, reactive reflex, stretching and muscle strength. All activities can be modified to individual needs. Age 62+ \$20. Rose Villa

11am-12pm MW 6/24 10 \$100 Hall PAC

Gladstone

COMMUNITY EDUCATION & RECREATION

Registration form for Community Education classes on page 52.

For class locations, see page 54.

Phone: 503-650-2570 or 503-655-2777

Arts/Crafts

ZAPA-100-0301 ACRYLICS WITH MELISSA

Explore acrylic medium using washes, texturing, impasto techniques. Class includes painting landscapes, water, flowers, buildings. Bring imagination & be prepared to use COLOR! Supply list. (Age 62+: \$68) Gladstone High School

6-8:30pm W 6/19 8 \$84 Gannon CLRM

ZAPA-100-0302 ADVENTURES IN PASTELS

Use your pastels to portray vibrant landscapes, water, still life. Class will cover drawing, composition, color layering. Supply list. (Age 62+: \$73) No class 6/27 or 7/4. Gladstone Senior Center

2-4:30pm TH 6/13 8 \$89 Gannon MULTI

ZPLT-100-0310 CONCRETE LEAF CASTS

Learn techniques to create leaf casts for birdbaths, water features, & garden art using concrete; make one in class. Bring 2 shallow plastic storage totes/boxes & plastic gloves. Held off Forsyth Rd in OC. Info sheet

10am-12pm S 7/20 1 \$16 \$5 Hage CLRM

ZAPA-300-0301 EXPLODING PHOTO BOXES

Unique paper box that "EXPLODES" open when the lid is lifted. The 4" cube allows spaces for 20 photos/stories. Great to show off Vacation/Special Event photos. (Age 62+ \$13) Gladstone High School

6-9pm M 7/8 1 \$16 \$12 Hage CLRM

ZAPA-300-0305 GLASS BIRD BATH, FLOWERS & TOTEMS

Create glass totem, garden flowers or birdbath using 'stray' glassware: vases, candlesticks, punchbowls, assorted size plates, glasses-clear and/or colored works great. Supply list or order kit for \$20. (Age 62+ \$13) Gladstone High School

6:30-8:30pm M 7/29 1 \$16 Hage CLRM

ZAPA-300-0307 LAVENDER TREASURES

Create lavender wand, bottle and basket using fresh lavender, ribbons. Fragrance is heavenly as breeze drifts through basket, as drawer with wand is opened. Supplies included or may provide own. (Age 62+: \$13+lab) Gladstone High School

6:30-9:30pm W 6/19 1 \$16 \$6 Hage CLRM

ZAPA-300-0308 MOSIAC REPURPOSED ART TRAYS

Create tray using broken china/ceramic/glass to create your own design, repurposing items normally thrown away. Supplies provided, but bring any broken dishes/jewelry/pottery you'd like to include. Two-week class. (Age 62+: \$20+lab) Gladstone High School

6:30-9:30pm T 7/16 2 \$24 \$8 Hage CLRM

ZAPA-100-0310 OIL PAINTING BOB ROSS STYLE

Start with a blank canvas, leave with completed masterpiece! De-stress and relax with Judy Stubb. Beginners to advanced welcome. All supplies and canvas provided! View pictures at www.wetpaints.net. (Note: Thursday classes at Gladstone High School & Sunday classes at Gladstone Park Seventh-Day Adventist Church.)

Arizona Morning 2-6pm SU 6/9 1 \$50 Stubb MULTI

Magnolia Blossoms 5:30-9pm TH 6/20 1 \$50 Stubb MULTI

Clear Montana Skies 2-6pm SU 7/14 1 \$50 Stubb MULTI

Crater Lake 5:30-9pm TH 7/25 1 \$50 Stubb MULTI

Gladiolas 2-6pm SU 8/11 1 \$50 Stubb MULTI

After the Rain 5:30-9pm TH 8/22 1 \$50 Stubb MULTI

Rivers' Peace 2-6pm SU 9/15 1 \$50 Stubb MULTI

Jaguar 5:30-9pm TH 9/26 1 \$50 Stubb MULTI

ZAPA-300-0311 SUMMER ART EXPERIENCE AGES 5-8

Does your child love to draw and paint? This class offers a range of activities for children interested in art. Drawing and painting will be primary emphasis, some collage. Bring a friend and get ready to create! Monday through Friday camp taught by Jenny Lau. John Wetten Elementary

9am-12pm M-F 7/29 1 \$80 Lau CLRM

ZAPA-300-0312 SUMMER ART EXPERIENCE AGES 9-12

Does your child spend hours drawing and painting? Do they want to become better at it? Students will improve their drawing and painting skills, work on collages as well. Monday through Friday camp taught by Jenny Lau. John Wetten Elementary

1-4pm M-F 7/29 1 \$80 Lau CLRM

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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ZAPA-100-0317 WATERCOLOR WITH MELISSA (DAY)

Explore the exciting and challenging medium of transparent watercolor! Learn to mix colors, the basics of composition, elements of perspective, drawing. Supply list. (Age 62+: \$73) Gladstone Senior Center

2-4:30pm W 6/19 8 \$89 Gannon MULTI

ZAPA-100-0318 WATERCOLOR WITH MELISSA (EVE)

Explore the exciting and challenging medium of transparent watercolor! Learn to mix colors, the basics of composition, elements of perspective, & drawing. Supply list. (Age 62+: \$68) Gladstone High School

6-8:30pm T 6/18 8 \$84 Gannon CLRM

ZAPA-100-0319 WATERCOLOR 101 WITH SHARLA

Play with color; create beauty. Step-by-step intro to watercolor, how colors blend & change, how to apply washes, glazes, transfer images to paper, Pen & Ink basics. Sharla demos each process while students practice techniques. Beginners order kit for \$40 (recommended) or see supply list. (Age 62+: \$68) Gladstone High School

6-8:30pm M 6/24 8 \$84 Sevy CLRM

Culinary

ZEAT-100-0300 CANNING FRUITS & VEGETABLES

Hands-on class to understand basics of 'hot water bath' canning: equipment, which fruits/veggies, hints, hot/cold pack. Make two styles of applesauce in class. Bring sharp paring knife, peeler, towel, small box. (Age 62+: \$13+lab) Gladstone High School

6:30-9:30pm M 7/1 1 \$16 \$7 Hage CLRM

ZEAT-100-0301 JAMS & JELLIES

Hands-on class to learn preserving jams and jellies: hot pack and freezer. Bring box to carry home samples. (Age 62+: \$13+lab) Gladstone High School

6:30-9:30pm M 6/24 1 \$16 \$7 Hage CLRM

Computers

YDPS-100-0302 EXCEL LEVEL 1

Learn Excel 2016 basics. How to navigate worksheets use basic calculations, common formulas, formatting, editing, sorting, charts, freeze/hide panes. Need SOME Windows experience. Bring 1G+ flash drive. (Age 62+: \$59 + lab) Gladstone High School

6:30-8:30pm W 6/19 4 \$79 \$24 Huey CLRM

YDPS-100-0303 DIGITAL CAMERA PHOTO FUN

Take great photos with your digital camera while enjoying an easy walking tour of local Gladstone sites. Each class focuses on a different photo technique then returns to the classroom to view, compare and discuss photos. For photographers age 16+. (Ages 12-15 welcome with an adult.) Need digital camera and be prepared to walk. (Age 62+: \$59 + lab) Gladstone High School

6:30-8:30pm T 6/18 4 \$79 Huey CLRM

Dance/Theater

ZMDT-300-0301 COUNTRY LINE DANCE ULTRA BEGINNING

If you are new to dancing or have never taken a line dance class, let Nadja help you learn easy steps in a relaxed atmosphere. Fun way to enjoy dancing without the need of a partner. No class 7/4. (Age 62+: \$50) Gladstone High School

6:30-7:30pm TH 6/20 8 \$55 Schmaltz GYM

ZMDT-300-0302 COUNTRY LINE DANCE BEGINNING

Line dance is a fun way to dance without the need of a partner. Learn latest dance steps and traditional ones with Nadja. Steps are fun and easy. (Age 62+: \$50) No class 7/4. Gladstone High School

6:30-7:30pm W 6/19 8 \$55 Schmaltz GYM

7:30-8:30pm TH 6/20 8 \$55 Schmaltz GYM

ZMDT-300-0304 COUNTRY LINE DANCE INTERMEDIATE

Do you know the basic line dances and are ready to move on to some intermediate ones? Come by yourself or with a friend. (Age 62+: \$50) No class 7/4. Gladstone High School

7:30-8:30pm W 6/19 8 \$55 Schmaltz GYM

8:30-9:30pm TH 6/20 8 \$55 Schmaltz GYM

ZMDT-300-0306 COUNTRY WESTERN PARTNER DANCE

Learn the latest partner dances: Traveling Cha Cha, Horseshoe, Schottische, 2 Step, East Coast Swing. Designed for beginners of all ages, rotation is not necessary. Fee is \$80 per couple. (Age 62+: \$75/couple). Gladstone High School

8:30-9:30pm W 6/19 8 \$80 Schmaltz GYM

ZMDT-300-0307 COUNTRY DANCE WITH NADJA

Nadja will be playing all the oldies for you to dance to in this Open Dance class! From "Asking Questions" to "Boot Scootin' Boogie", Nadja will provide a class to practice dancing and provide instruction and help. Gladstone High School

6:30-9:30pm M 6/24 9 \$64 Schmaltz GYM

ZMDT-300-0311 DANCE FUSION AGES 13-ADULT

Designed for dancers who have intermediate to advanced skill level. Perfect for dancers who are currently on dance team or have been on dance team in the past. Focus on a different genre each week: Jazz, Funk, Lyrical, and Contemporary. Gladstone High School

4-5:15pm T 6/4 4 \$25 Nhem GYM

ZMDT-300-0312 JR GLADETTE DANCE CLINIC GRADE K-12

Learn fun dance routines & a parade routine to be performed in Gladstone Community Festival Parade on Aug 3! Performance for parents at 1 pm the day of the clinic. Note shirt size, bring healthy snack/lunch. Please pre-register. Conducted by GHS Coach Michelle Nhem & members of GHS Gladette Dance Team. Gladstone High School

9am-12pm F 8/2 1 \$35 Nhem GYM

ZMDT-400-0313 GUITAR BEGINNING ALL AGES

Fun class designed for absolute beginner. Quickly learn basic chords, simple strumming patterns, EZ songs, how to tune, basic techniques. Please provide guitar. Minimum age 4th grade. Gladstone High School

7:15-8pm M 7/1 5 \$59 \$8 Price CLRM

ZMDT-400-0314 UKULELE BEGINNING ALL AGES

Easy to play, inexpensive, lots of fun! Quickly learn tuning, simple chords, tons of songs. Great way to have fun with family & friends. Tenor, Soprano, or concert GCEA tuning only. Bring ukulele. Min age 4th grade. Gladstone High School

6:30-7:15pm M 7/1 5 \$59 \$8 Price CLRM

ZMDT-100-0315 MISSOULA CHILDREN'S THEATRE - JACK AND THE BEANSTALK

Grade 1-12 as of Fall 2019. What happens when a young boy plants Wonder Beans in his own backyard? For Jack, it is the beginning of a great adventure. With a little help from P.T. Wonder and a Giant, Jack learns a valuable lesson about true happiness. Audition, rehearse, and preform in one short week. Must attend casting audition 7/22, 9:30am. No advance prep or experience needed, assistant directors also cast. Rehearsal times vary daily between 9:30am-2pm depending on role received. Two performances and dress rehearsal on Sat 7/27. Preregister, only 50 spots. Gladstone High School

9:30am-2pm M-S 7/22 1 \$75 Missoula AUDIT

DANCE/TUMBLING AT GRANDE FINALE

These 8-week classes are held at Grande Finale Dance Studio in Gladstone. Class sizes are limited; please register early. No class 7/4.

ZMDT-300-0300 PRE-BALLET

Learn basic ballet positions and steps, be exposed to creative movement to help coordination and overall sense of rhythm, develop listening skills in group setting. Need ballet shoes and dance attire (any color). Grande Finale

Pre-Ballet Age 3-5

5:15-6pm W 6/26 8 \$100 Staff CLRM

6-6:45pm TH 6/27 8 \$100 Staff CLRM

ZMDT-300-0314 BALLET

Develop self-confidence and listening skills while learning basic ballet positions, steps and stretches. Dancers will need pink tights, black leotard, pink ballet slippers. No skirts please. Grande Finale

Ballet I Age 6-10

4:15-5:15pm W 6/26 8 \$112 Staff CLRM

Teen Ballet Age 11

8:15-9:15pm M 6/24 8 \$112 Staff CLRM

Register with the Community Education Partner sponsoring your class.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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ZMDT-300-0316 HIP HOP

Dancers will work on learning fun, hip, energetic routine in a positive upbeat environment. Wear comfortable clothes that allow for movement and clean tennis shoes. Grande Finale

Mini Hip Hop Age 4-6							
5:45-6:30pm	T	6/25	8		\$100	Staff	CLRM
Mini Hip Hop Age 5-7							
4:45-5:30pm	T	6/25	8		\$100	Staff	CLRM
Hip Hop I/II Age 8							
5:30-6:30pm	T	6/25	8		\$112	Staff	CLRM
Teen Hip Hop Age 10							
7:15-8pm	T	6/25	8		\$100	Staff	CLRM
Hip Hop III/IV Age 10							
8-9pm	T	6/25	8		\$112	Staff	CLRM

ZMDT-300-0320 TAP/JAZZ

Get the chance to learn basic jazz and tap skills in a fun dance environment. Students need basic tights and leotard, ballet slippers (any color) and black patent tap shoes. Grande Finale

Age 3-4							
4-4:45pm	M	6/24	8		\$100	Staff	CLRM
4:15-5pm	TH	6/27	8		\$100	Staff	CLRM
Age 5-7							
5:45-6:45pm	M	6/24	8		\$112	Staff	CLRM
5-6pm	TH	6/27	8		\$112	Staff	CLRM
Adult Tap							
7:30-8:30pm	TH	6/27	8		\$112	Staff	CLRM

ZMDT-300-0325 TUMBLING PARENT/CHILD

Flexibility and fun rule the day as students learn tumbling skills up to and including cartwheels, somersaults, handstands! This class includes parent participation. Grand Finale

Age 2.5-4							
5:30-6:15pm	M	6/24	8		\$100	Staff	FLOOR
Age 2-3							
10:15-11am	T	6/25	8		\$100	Staff	FLOOR

ZMDT-300-0327 TUMBLING I/II

Kids will work on flexibility, listening skills, basic tumbling skills such as forward rolls, backward rolls and cartwheels in these fun child-only participation classes. Grand Finale

Age 3-6							
4:45-5:30pm	M	6/24	8		\$100	Staff	FLOOR
Age 5							
7-7:45pm	M	6/24	8		\$100	Staff	FLOOR
Age 3-6							
9:30-10:15am	T	6/25	8		\$100	Staff	FLOOR

ZMDT-300-0330 TEENS TUMBLING I/II

Flexibility and fun rule the day as students learn tumbling skills up to and including cartwheels, somersaults & handstands! Grand Finale

Age 10							
6:15-7pm	M	6/24	8		\$100	Staff	FLOOR

Driver Education

YDRE-100-0301 DRIVER EDUCATION FOR TEENS

ODOT Driver Ed class for high school students with valid Oregon permit teaches lifetime skills proven to reduce crashes & save lives. For teens age 15-17 who complete & pass course before their 18th birthday, DMV will waive driving skills test. Includes 30+ hrs classroom, 6hrs behind-the-wheel, 6hrs in-vehicle observation. Attendance mandatory. If student gets license OR turns 18 before final class, fee will be an add'l \$210. \$75 discount for free/reduced lunch. Info: 503-650-2570. Gladstone High School

TBA	MT	7/1	6	\$325		Johnston	CLRM
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Exercise/Fitness

YPED-300-0300 AEROBICS (HI/LOW IMPACT), ZUMBA & STRONG AT CRRC

Super deal! Attend any or all: Body sculpting, Strength training, Step variety, AB blast, & Booty Burn MTW 5:45 am, TTH 8:30am, MW 9am, TTH 4:30 pm, S 8 am. Zumba T 5:30pm, FS 9am. Strong W 5:30 pm, S 7:05 am. Call 503-650-2570 to register. Clackamas River Racquet Club One price (\$90) includes all these classes, but please sign up for any times you'd like to attend:

TBA	M-S	6/17	11	\$90		Staff	CRRC
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YPED-300-0321 STEP VARIETY

5:45-6:45am	MT	6/17	11	incl		Staff	CRRC
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YPED-300-0322 BODY SCULPTING

5:45-6:45am	W	6/19	11	incl		Staff	CRRC
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YPED-300-0322 BODY SCULPTING

8:30-9:30am	TTH	6/18	11	incl		Staff	CRRC
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YPED-300-0323 BARRE VARIETY

9-10am	MW	6/17	11	incl		Staff	CRRC
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YPED-300-0324 CARDIO BODY SCULPT

4:30-5:30pm	TTH	6/18	11	incl		Staff	CRRC
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YPED-300-0325 BODY SCULPTING

4:30-5:30pm	TTH	6/18	11	incl		Staff	CRRC
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YPED-300-0326 STEP VARIETY

8-9am	S	6/22	11	Incl		Staff	CRRC
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YPED-300-0327 ZUMBA

9-10am	FS	6/21	13	incl		Staff	CRRC
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YPED-300-0328 STRONG

7:05-7:50am	S	6/22	13	incl		Staff	CRRC
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5:30-6:30pm	W	6/19	13	incl		Staff	CRRC
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ZPED-400-0300 AIKIDO FOR KIDS

Aikido is non-competitive, non-violent Japanese Martial Art that teaches peaceful resolution of conflict, self-defense & discipline. No class 7/4, but a makeup will be available. Aikido Northwest

Age 4-7. Specify one day/time.

5-6pm	M	6/17	10	\$70		Staff	CLRM
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5-6pm	T	6/18	10	\$70		Staff	CLRM
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Age 8-10. Specify one day/time.

6:15-7:15pm	T	6/18	10	\$70		Staff	CLRM
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4-5pm	TH	6/20	10	\$70		Staff	CLRM
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Age 11-18. Specify one day/time.

6:15-7:15pm	M	6/17	10	\$70		Staff	CLRM
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5:15-6:15pm	TH	6/20	10	\$70		Staff	CLRM
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ZPED-400-0306 AIKIDO FOR ADULTS

Aikido is a traditional Japanese Martial Art that develops mind, body, spirit to its fullest potential. Attend any or all: Tues 7:30-8:30pm, Thurs 6:30-7:30pm, basic weapons Thurs 7:30-8:30pm, open mat Tues/Thur. 8:30-9pm. Aikido Northwest

TBA	TTH	6/18	10	\$90		Staff	CLRM
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YPED-200-0300 GROUP POWER EXERCISE EAST SIDE ATHLETIC CLUB MILWAUKIE

60 Minute barbell program that strengthens all your major muscles in an inspiring, motivating group environment with motivating music \$69 for 10 classes/\$124 for 20 classes. East Side Athletic

6:05-7:05pm	MW	6/17	10			EastSideMilw	MULTI
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6:05-7:05pm	TTH	6/18	10			EastSideClack	MULTI
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YPED-300-0300 H2O-X AQUATIC EXERCISE EAST SIDE ATHLETIC CLUB

Cardiovascular conditioning, muscle strengthening performed in the water. Aqua dumbbells, floating devices used to enhance strength component while water cushions impact. \$69 for 10 classes/\$124 for 20 classes. East Side Athletic Club Milwaukie

9:30-10:30am	MWF	6/17	10			EastSideMilw	MULTI
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8:30-9:30am	TTH	6/18	10			EastSideMilw	MULTI
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6:15-7:15pm	MW	6/17	10			EastSideMilw	MULTI
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Course No. Time	Course Title Days	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Wks.	Tuition	Fee	Instructor	Room
YPED-300-0301	INDOOR FITNESS WALKING						ZHLT-100-0300	WOMEN'S SELF DEFENSE CLASS					
Come to this FREE indoor walking program where weather is not an issue! Suzette Love will lead you in group fitness walking using a variety of choreographed walking workouts. (Min age 8+ welcome with an adult) No fee, but MUST register! No class 7/4 Gladstone Park Seventh-day Adventist Church							Join us for an interactive 1 day Women's Self-Defense class! Gain confidence & skills needed to defend yourself in threatening scenarios. Reality based training ranging from preventative awareness to survival skills, including defensive/offensive techniques for being approached, grabbed, or attacked. Instructed by Sensei Reed Secunda, Shudokan School of Karate. (Min age 14) East Side Athletic Milwaukie						
7:15-8:15pm	TTH	6/25	10		Love	MULTI	11am-3pm	S	6/29	1	\$25	Secunda	MULTI
ZPED-400-0307	KARATE-YOUTH PROGRAM						YPED-100-0304	YOGA GENTLE BEGINNING					
Shudokan Karate offers traditional Okinawan Karate for all age/skill levels! Karate empowers younger students, teaching them how to concentrate/focus their positive energy constructively, benefiting them at school & at home. Instructed by Sensei Reed Secunda, Shudokan School of Karate. Call 503-650-2570 to register. East Side Athletic Milwaukie							Feel better/reduce stress, no matter what age or fitness level. Very beginning, gentle yoga. Wear loose clothing, bring mat or blanket. (Age 62+: \$57) Gladstone Senior Center						
4:15-5:15pm	MW	6/17	4	\$65	Secunda	EastSideMilw	9-10am	T	6/25	10	\$69	Haye	MULTI
YPED-400-0300	KARATE-ADULT PROGRAM						9-10am	F	6/28	10	\$69	Haye	MULTI
Shudokan Karate offers traditional Okinawan Karate for all age/skill levels! Non-competitive Karate enhances lives of adult students, providing a means of relieving stress while acquiring self-defense knowledge & physical agility. Instructed by Sensei Reed Secunda, Shudokan School of Karate. Call 503-650-2570 to register. East Side Athletic Milwaukie							YPED-100-0306	YOGA BASICS					
7:15-8:15pm	MW	6/17	4	\$65	Secunda	EastSideMilw	Feel better physically and reduce stress. Learn simple stretches, breathing and relaxation techniques suitable for all ages. Wear loose clothing, bring a mat or blanket. (Age 62+: \$57) No class 7/4 Gladstone Senior Center						
ZPED-400-0301	TAE KWON DO FOR AGES 5-7						5:25-6:25pm	T	6/25	10	\$69	Fegel	MULTI
Students learn basic Tae Kwon Do moves while developing respect, discipline and self-esteem. Kids get practice setting goals and gain confidence with individual achievements. Parents invited to participate for free. Gladstone High School							9-10am	TH	6/27	9	\$69	Haye	MULTI
6-6:50pm	TTH	6/25	7	\$50	Beasley	CAFE	YPED-100-0308	YOGA BASICS TO INTERMEDIATE					
ZPED-400-0302	TAE KWON DO FOR AGES 8-15						Whether you are a beginner or have taken yoga in the past, you are welcome in this class. Wear loose clothing; bring blanket or mat. Stretches, breathing & relaxation techniques. (Age 62+: \$57) Gladstone Senior Center						
Develop mind & body w/ancient disciplined martial art, promotes courtesy, integrity, perseverance, self-control. Parents of new students participate free 1st term, 1/2 price after. Uniforms recommended, can purchase from instructor. Gladstone High School							6-7pm	W	6/26	10	\$69	Haye	MULTI
6-7:30pm	TTH	6/25	7	\$59	Beasley	CAFE	YPED-100-0309	YOGA CONTINUING					
YPED-400-0301	TAE KWON DO ADULT						Feel better physically and reduce stress. Stretches, breathing and relaxation techniques for those who have taken at least one term of Yoga. Wear loose clothing and bring mat. (Age 62+: \$57) Gladstone Senior Center						
Great workout while learning Korean style of non-competitive martial arts from Master Jaiwhan Woo, past Korean National Champion, dedicated instr. 30+yrs. Strengthen body, mind, spirit. Men and women all ranks welcome. (Age 62+ \$29.50) Gladstone High School							6:30-7:30pm	T	6/25	10	\$69	Fegel	MULTI
7:30-9pm	TTH	6/25	7	\$59	Woo	CAFE	YPED-100-0318	YOGA & PILATES BEG-INT AT CRRC					
YPED-400-0302	TAI CHI CHUAN BEGINNING						What a deal! Engage yourself physically & mentally through yoga. Breathing, relaxation, postural alignments. Wear loose clothing; bring mat. Attend any or all Yoga MWF 8-9am, TTH 9:35-10:35am, S 10:15-11:15am, Pilates M 4:30-5:30 pm, TH 5:35-6:35 pm Call 503-650-2570 to register. Clackamas River Racquet Club						
Tai Chi is a slow, graceful form of Chinese exercise that benefits body, mind and spirit. Yang style 24 Movement short form especially for beginners. Specify mornings or evenings. Non-competitive. (Age 62+: \$61) Gladstone Senior Center							One price (\$100) includes all these classes, but please sign up for any times you'd like to attend:						
11am-12pm	M	6/24	10	\$75	Schmidt	MULTI	TBA	M-F	6/17	13	\$100	Staff	CRRC
6-7pm	M	6/24	10	\$75	Schmidt	MULTI	YPED-100-0319	YOGA MWF					
YPED-400-0303	TAI CHI CHUAN INTERMEDIATE						8-9am	MWF	6/17	13	incl	Staff	AEROB
This Tai Chi class is designed for students who have learned first half of Yang-style 24 Movement form, and wish to learn the 2nd half of form. Specify mornings or evenings. Non-competitive. (Age 62+: \$61) Gladstone Senior Center							YPED-100-0320	YOGA TTH					
10-11am	M	6/24	10	\$75	Schmidt	MULTI	9:35-10:35am	TTH	6/18	13	incl	Staff	AEROB
7-8pm	M	6/24	10	\$75	Schmidt	MULTI	YPED-100-0303	YOGA S					
YPED-400-0304	TAI CHI CHUAN ADVANCED LEVEL 1						10:15-11:15am	S	6/22	13	incl	Staff	AEROB
Open to Students who have learned the entire Yang Style 24 movement form. Class is for students who are new to the Yang Style Traditional 103 movement long form of Tai Chi Chuan. (Age 62+: \$61) Non-competitive. Gladstone Senior Center							YPED-100-0321	PILATES					
12-1pm	M	6/24	10	\$75	Schmidt	MULTI	4:30-5:30pm	M	6/17	13	incl	Staff	AEROB
YPED-400-0305	TAI CHI CHUAN ADVANCED LEVEL 2						YPED-100-0322	PILATES					
Open to students who have learned the entire Yang Style Traditional 103 movement long form of Tai Chi Chuan. This is an ongoing class with emphasis on form refinement. (Age 62+: \$61) Non-competitive. Gladstone Senior Center							5:35-6:35pm	TH	6/20	13	incl	Staff	AEROB
9-10am	M	6/24	10	\$75	Schmidt	MULTI	YPED-300-0324	ZUMBA AT EAST SIDE ATHLETIC CLUB					
							Ditch the Workout & join the party! Choose any combo of ZUMBA classes listed AT ONE LOCATION: 10 classes \$69, 20 classes \$124. Register with Gladstone Community School.						
							MILWAUKIE EASTSIDE:						
							TTH 6:20-7:20pm						
							F 10-11am						
							CLACKAMAS EASTSIDE:						
							M 6:05-7:05pm						
							TTH 10:30-11:30am						
							S 9:15-10:15 am						
							TBA	TBA	6/17	10		EastSide	MULTI

Register with the Community Education Partner sponsoring your class.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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Child Care/Activities

ZOUT-100-0323 SKYHAWKS FLAG FOOTBALL CAMP AGES 6-12

Boys and girls learn skills on both sides of the football including the core components of passing, catching and defense - all in a fun and positive environment. Bring water, sunscreen, snack. Five-day camp. John Wetten Elementary

9am-12pm	M-F	7/22	1	\$129		Skyhawks	FIELD
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ZOUT-100-0324 SKYHAWKS GOLF CAMP BEG. AGES 5-9

Boys & girls learn fundamentals of swinging, putting, body positioning. Using SNAG® (Starting New At Golf) system, young players can make effective transition onto golf course. All equipment provided. Bring water, sunscreen, snack. Five-day camp. John Wetten Elementary

9am-12pm	M-F	7/8	1	\$129		Skyhawks	FIELD
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ZOUT-100-0325 SKYHAWKS TINYHAWK SOCCER AGES 3-4

Camp will introduce your child to the fundamentals of the world's most popular sport. No pressure, just lots of fun while working on dribbling, passing, shooting and ball control. Bring water, sunscreen, snack. Four-day camp. John Wetten Elementary

1-1:45pm	M-TH	6/17	1	\$59		Skyhawks	FIELD
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1-1:45pm	M-TH	7/15	1	\$59		Skyhawks	FIELD
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ZOUT-100-0327 SKYHAWKS MINI HAWK CAMP AGES 4-7

Essentials of soccer, baseball and basketball are taught in a safe, structured environment with lots of encouragement and a big focus on fun. Bring shin guards, snacks, water bottle, sunscreen, athletic shoes. Five-day camp. John Wetten Elementary

9am-12pm	M-F	7/15	1	\$129		Skyhawks	FIELD
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9am-12pm	M-F	6/17	1	129		Skyhawks	FIELD
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ZAPA-300-0303 CARDS FOR SUMMER FUN

Join us to celebrate all the fun & bright colors of summer! Create 8 beautiful cards (4 designs) including envelopes, with fun embellishments & lovely layers. (Age 62+: \$13+lab) Gladstone High School

6-9pm	T	6/25	1	\$16	\$15	Graham	CLRM
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6-9pm	W	6/26	1	\$16	\$15	Graham	CLRM
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ZAPA-300-0304 CARDMAKING STAYCATION

Come out of the heat & join us for an evening of creative fun! You will take home 8 beautiful cards (4 designs) that you created yourself! Includes envelopes & all the latest crafting products! (Age 62+: \$13+lab) Gladstone High School

6-9pm	T	8/6	1	\$16	\$15	Graham	CLRM
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6-9pm	W	8/7	1	\$16	\$15	Graham	CLRM
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DAY CAMPS AT EAST SIDE ATHLETIC MILWAUKIE

Mix fun & fitness with Camps at our Milwaukie location. Day camp participants may be dropped off as early as 7:30am and must be picked up by 5:30pm. Structured activities run 9am-4:30pm. NO refunds or credits given for refund requests received less than two weeks before the first day of camp, once camp has started, or for missed days. Participants will swim every day except "field trip" days. Bring swim suit and towel. Children who cannot swim width of pool will be required to wear a life jacket. Bring two snacks, lunch, water bottle and non-marking athletic shoes. Camps fill quickly. East Side Athletic, Milwaukie

ZFAM-200-0300 SURVIVOR CAMP AGES 5-11

Form "tribes" and compete throughout week in team games such as Capture the Flag, Scavenger Hunt, Outdoor Adventures, etc. Nobody gets voted out of this camp! Includes adventures outside the club. See info above. East Side Athletic Club, Milwaukie

9am-4:30pm	M-F	6/24	1	\$215		EastSideMilw	MULTI
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9am-4:30pm	M-F	7/29	1	\$215		EastSideMilw	MULTI
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ZOUT-100-0301 SKILLZ & DRILLZ (3 DAY CAMP) AGES 8-13

Join us for our NEW camp taught by Coach Vince! Camp will focus on ball handling, shooting, personal skills & development training. Each camper should bring a basketball, water bottle & snack/lunch for camp. Please wear athletic attire/shoes. East Side Athletic Club, Milwaukie

9am-12pm	MTW	6/24	1	\$162.50		EastSideMilw	MULTI
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9am-12pm	MTW	7/29	1	\$162.50		EastSideMilw	MULTI
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9am-12pm	MTW	8/19	1	\$162.50		EastSideMilw	MULTI
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ZFAM-200-0302 VIDEO GAMES UNPLUGGED CAMP AGES 5-11

Real life FUN playing Pac Man Tag, Mario Party Obstacles, Animal Crossing and more! Includes trip to Ultrazone for Laser Tag. See info above. East Side Athletic Club, Milwaukie

9am-4:30pm	M-F	7/15	1	\$215		EastSideMilw	MULTI
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9am-4:30pm	M-F	8/12	1	\$215		EastSideMilw	MULTI
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ZFAM-200-0304 SUPER HERO CAMP AGES 5-11

Caped crusaders, masked knights and brave men and women who save the day in real life. Make comics, play games, create own super hero persona and save the day. Includes visit from our real life local heroes. See info above. East Side Athletic Club, Milwaukie

9am-4:30pm	M-F	7/8	1	\$215		EastSideMilw	MULTI
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9am-4:30pm	M-F	8/5	1	\$215		EastSideMilw	MULTI
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ZFAM-200-0306 "BEST OF" CAMP AGES 5-11

Only the BEST! Kids will enjoy their favorite games from throughout summer. Which games will make the cut? YOU decide! See info above. East Side Athletic Club, Milwaukie

9am-4:30pm	M-F	8/26	1	\$215		EastSideMilw	MULTI
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ZFAM-200-0307 BABYSITTING-AGES 11 & UP

Class includes book, responsibilities of babysitter, safety, basic childcare, emergency skills and much more! Bring sack lunch. Please preregister, as these classes with Kecia Melton fill quickly. Specify date. Kraxberger Middle School

9am-3pm	T	6/18	1	\$40		Melton	CLRM
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9am-3pm	T	6/25	1	\$40		Melton	CLRM
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Financial/Retirement Planning

YBUS-100-0301 INVESTING FOR FUTURE SERIES

Save! Sign up for all five classes for only \$49 (couples \$59): Investment Basics, Investing for Income, Mutual Funds, The Stock Market, and Tax-Advantaged Investments. Workbook included in series price. (Age 62+: \$29/Couple \$39) Gladstone High School

6:30-8:30pm	W	6/26	5	\$49		Horn	CLRM
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ZBUS-100-0302 INVESTMENT BASICS

Learn basic concepts and ground rules to investing including importance of diversification, asset allocation, risk vs. reward, dollar cost averaging, Rule of 72. Rebecca recommends you take this class before other investing classes. (Age 62+: \$10) Gladstone High School

6:30-8:30pm	W	6/26	1	\$15		Horn	CLRM
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ZBUS-100-0303 INVESTING FOR INCOME

Discuss income producing investments: money market accounts, cd's, all types of bonds-government, savings, tax-free, corp., relationship between interest rates and bond market. (Age 62+: \$10) Gladstone High School

6:30-8:30pm	W	7/3	1	\$15		Horn	CLRM
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ZBUS-100-0304 MUTUAL FUNDS

What are they, how do they work, what do they cost, what should I expect from them, what are my choices, what is "no load"? Learn the many options that are so popular! (Age 62+: \$10) Gladstone High School

6:30-8:30pm	W	7/10	1	\$15		Horn	CLRM
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ZBUS-100-0305 STOCK MARKET

Learn about income stocks, growth stocks, what to look for when buying or selling stocks, how to make sense of all the numbers. Learn easy formulas essential to basic stock analysis. (Age 62+: \$10) Gladstone High School

6:30-8:30pm	W	7/17	1	\$15		Horn	CLRM
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ZBUS-100-0306 TAX-ADVANTAGE INVESTMENTS

Traditional and Roth IRAs, 401K, 403B, TSA, 457, Annuities, plans for Small Business Owners. Discuss each type; learn how to handle a rollover or transfer of retirement funds. (Age 62+: \$10) Gladstone High School

6:30-8:30pm	W	7/24	1	\$15		Horn	CLRM
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North Clackamas Parks & Recreation

Registration form on page 52.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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ZBUS-100-0308 WILLS, TRUSTS, ESTATE PLANNING

What is the difference between a will & a living trust? When do estates have to go through probate and what is probate? Do I need power of attorney or advance directive? How can I take care of my children & beneficiaries? What is the Oregon estate tax, & can I reduce my taxes? Plan ahead to help preserve assets, protect your family, & reduce your taxes. Gain peace of mind with attorney John M. Boylston, Shareholder at Myatt & Bell, P.C. Gladstone Senior Center 6-7:30pm T 7/9 1 \$10 Boylston CLRM

Gardening/Landscape/Farming

ZPLT-100-0311 ROCK WALLS & GARDEN PATHS

Find out which type of path is best for your needs and your environment, and how to install. Discuss different types of walls for edges: retention, decoration, installation tips. (Age 62+: \$13) Gladstone High School 6:30-9:30pm W 7/10 1 \$16 Hage CLRM

Health/Wellbeing/Safety

ZHLT-100-0302 MEDIC FIRST AID® CPR, AED, & BASIC EMERGENCY FIRST AID

Medic First Aid helps gain knowledge, skills, confidence necessary to manage medical emergency until more advanced help is available. Adult/Child/Infant CPR, AED, Basic Emergency First Aid, Intro to blood borne pathogens. Two-year CPR/First Aid card, OSHA compliant. Gladstone High School 6-9pm TH 7/18 1 \$50 VanGelder CLRM

Writing/Literature

ZHWL-100-0300 TELL YOUR STORY - MEMOIR WRITING WORKSHOP

This workshop will help you transform your memories into hard-hitting stories. You'll learn how to use the tools available to memoir writers, receive respectful and constructive feedback from other participants — and find your voice. (Age 62+: \$39). Gladstone High School 6-8pm M 6/24 6 \$49 \$5 Reed CLRM

North Clackamas PARKS AND RECREATION

Registration form for Community Education classes on page 52. For class locations, see page 54.

Please preregister at www.ncprd.com or by calling 503-794-8080, ext. 0 for classes offered through the North Clackamas Parks & Recreation District or 503-794-8092 for classes held at the Milwaukie Center. For a complete list of classes and programs offered through North Clackamas Parks & Recreation, visit www.ncprd.com or request a program guide by calling 503-794-8080, ext. 0. Please do not plan to register first day of class. Preregistration is highly recommended. If you plan to attend without enrolling, we can't let you know if the class cancels or changes. Your early registration may help ensure that the class is not cancelled.

Arts/Crafts

ADULT ACTIVITIES

ZAPA-100-1200 BEGINNING OIL PAINTING

Unlock your creative side with oil painting. No drawing skills necessary. Learn color mixing tips, techniques and shortcuts. Supply list available from Milwaukie Center recreation staff, 503-794-8092. No class July 4. Age 62+ \$85. Milwaukie Center 9:30am-12pm TH 6/27 10 \$113 Wilson CLRM

ZAPA-100-1201 OIL PAINTING

Develop skills in composition and color mixing with one-on-one instruction that will guide you through each step of the process, from canvas preparation to finished project. Supply list available from Milwaukie Center recreation staff, 503-794-8092. No class July 4. Age 62+ \$85. Milwaukie Center 1-3:30pm TH 6/27 10 \$113 Wilson CLRM

ZAPA-100-1202 ACRYLICS

Discover your own unique style and creativity. Learn about acrylics through color, composition, value and perspective. Color theory is emphasized. Projects include working from still life arrangements and photographs. No previous painting or drawing experience necessary. Supply list available from Milwaukie Center recreation staff, 503-794-8092. Age 62+ \$75. Milwaukie Center 2:15-4:45pm M 6/24 10 \$100 Macca CLRM

Dance/Theater

YOUTH ACTIVITIES

ZMDT-300-0400 DANCE AROUND THE WORLD

Ages 4-7. Explore the world through dance. Discover exciting dance choreography and techniques from different cultures around the globe, including the customs and costumes that bring each dance to life. Dancers will also make accessories to wear for a final presentation. NCPRD \$95, Non-Res. \$119. Milwaukie Center 2-4:30pm M-TH 7/29 1 Darby CLRM

ZMDT-300-0401 HAWAIIAN HULA DAYS

Ages 4-7. Hawaii comes to you! Explore songs and dances from the islands. Study the language and culture, play ancient Hawaiian games, make leis and accessories for an end-of-camp hula performance. Discover your voice and get to know the world of others. NCPRD \$95, Non-Res. \$119. Milwaukie Center 2-4:30pm M-TH 7/15 Darby CLRM

ZMDT-300-0403 TINY TOTS PRE-BALLET

Ages 3-4. Tiny Tots Pre-Ballet class helps teach fundamental ballet positions, body awareness, rhythm, classroom technique and free movement. Parents are welcome to watch the last 5 minutes of class. Open to boys and girls. NCPRD \$72, Non-Res. \$90. Milwaukie Center 5-5:30pm W 6/26 8 Grant CLRM

ZMDT-300-0404 LITTLE DANCERS BALLET & JAZZ

Ages 5-6. This innovative class, open to boys and girls, is designed to explore ballet and jazz dance styles while increasing agility, grace and coordination. There is a focus on stretching technique, ballet positions, center work and across-the-floor combinations. Parents are welcome to watch the last 5 minutes of class. NCPRD \$72, Non-Res. \$90. Milwaukie Center 5:40-6:10pm W 6/26 8 Grant CLRM

ZMDT-300-0405 HIP HOP/FUNK

Ages 4-7. This class will introduce boys and girls to hip hop dance moves that will be incorporated into upbeat choreography. This style of dance helps build stamina, coordination and rhythm. Creative movement is one of the key components to this fun, funky and urban dance class. NCPRD \$78, Non-Res. \$98. Milwaukie Center 3:30-4:15pm T 6/25 8 Dennis CLRM

ZMDT-300-0406 HIP HOP/FUNK

Ages 7-12. Learn hip hop and funk techniques like popping and locking. Develop rhythm, flexibility and stamina to contemporary music in this fun and high-energy dance class. Open to boys and girls. NCPRD \$78, Non-Res. \$98. Milwaukie Center 4:30-5:15pm T 6/25 8 Dennis CLRM

ZMDT-100-0400 MISSOULA CHILDREN'S THEATRE - PINOCCHIO

Ages 6-18. A weeklong camp provides children the opportunity to act, sing and dance. Rehearsal times vary depending on part received. Performances: 7/27 at 12pm and 2pm. Pre-registration is required. NCPRD \$80, Non-Res. \$100. Mt. Scott Elementary 10am-2:30pm M 7/22 1 Staff CLRM

Register with the Community Education Partner sponsoring your class.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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ADULT ACTIVITIES

ZMDT-300-1201 LINE DANCE BEGINNING II

For people who have taken beginning line dance and want to take it to the next level. Music will be a variety of music genres, not just country. Milwaukie Center

12:35-1:35pm T 6/25 10 \$50 Drewry CLRM
Age 62+ \$38.

12:35-1:35pm TH 6/27 10 \$45 Jacobson CLRM
Age 62+ \$34. No class July 4.

ZMDT-300-1203 EAST COAST SWING

No experience necessary. East Coast Swing is a happy, fun, upbeat dance. No partner is needed to enjoy the class. Age 62+ \$38. Milwaukie Center

2-3pm F 6/28 10 \$50 Drewry CLRM

ZMDT-300-1204 WEST COAST SWING

West Coast Swing is a popular swing dance that is danced in a slot and can be danced to a wide range of music including rhythm and blues, country western, funk, disco, and rock and pop. No partner is needed to enjoy the class. Age 62+ \$38. Milwaukie Center

6-7pm M 6/24 10 \$50 Drewry CLRM

ZMDT-400-1200 UKULELE JAM GROUP

Bring your ukulele and practice strumming to some popular songs in this casual atmosphere. Please call 503-794-8092 or email recreation@ncprd.com for more info and to get on the email list. Drop in. Activity fee: NCPRD \$1, non-resident \$2 per session. Milwaukie Center

6-7:15pm W Staff CLRM
9:30-11am TH Staff CLRM

No jam July 4.

ZMDT-400-1201 MT. DULCIMER JAM GROUP

Bring your Mountain Dulcimer and jam with the group. Please call 503-794-8092 for more information. First and third Wednesdays. Newcomers please contact Denice at ddkadk@comcast.net. Drop in. Activity fee: NCPRD \$1, non-resident \$2 per session. Milwaukie Center

12:15-2:15pm W Staff CLRM

Exercise/Fitness

ADULT EXERCISE INTENSITY GUIDE

Level 1 - Need Support (Chair Fitness)

For people who may have physical limitations. A chair is provided to sit or stand next to for balance.

Level 2 - Just Getting Started (Beginners)

For people who do not have physical limitations or have not exercised for a long time. Classes are basic, gentle, and go at a slower pace.

Level 3 - Active Now (Intermediate)

For people who are doing moderate exercises at least twice a week and have the ability to do floor work.

Level 4 - Athlete (Advanced)

For people who are physically active almost every day. These classes are for people looking for higher intensity and more challenging workouts.

HEALTH/WEELLBEING

YPED-100-1203 CHAIR YOGA

Levels 1 & 2. Gentle stretching, strengthening and a few moments of relaxation seated in a chair. All abilities are welcome and differences are easily accommodated. Age 62+ \$38. Milwaukie Center

1:30-2:30pm M 6/24 10 \$50 Jones CLRM

ZPED-700-1200 MINDFULNESS MEDITATION

Levels 1-4. Actively develop a healthy mind and body and remove stress with comfortable meditation postures (standing, sitting, lying down). Good for all health conditions and/or pain management. Meditation is a great way to improve the ability to deal with daily challenges. Open to all abilities. NCPRD \$90, Non-Res. \$112. Milwaukie Center

6-7:30pm W 6/26 10 Tjahaja CLRM

YPED-100-1204 YOGA, STRENGTH & RELAXATION

Levels 2 & 3. This class takes all the benefits of yoga – meditation, breathing, stretching, strengthening and balance, and brings it to the middle-aged-to-older adult body. Bring a mat. Milwaukie Center

2:40-3:40pm M 6/24 10 \$50 Ossowski CLRM
Age 62+ \$38.

2:30-3:30pm W 6/26 10 \$50 Jordan CLRM
Age 62+ \$38.

2:30-3:30pm TH 6/27 10 \$45 Bracht CLRM
Age 62+ \$34. No class July 4.

YPED-100-1207 YIN YOGA

Levels 2-3. Yin Yoga uses floor poses held in stillness allowing these passive, long holds to strengthen and hydrate critical joint tissues in a way that most other practices cannot. The Yin exercise targets the body's connective tissues, including the ligaments, bones, cartilage and tendons. Bring a mat. Age 62+ \$38. Milwaukie Center

1:15-2:15pm W 6/26 10 \$50 Jordan CLRM

YPED-100-1208 YOGA

Levels 2-3. Learn safe and proper alignment of basic yoga postures and gentle movement to increase strength, flexibility and balance. Bring a mat. Age 62+ \$34. Milwaukie Center

9:30-10:30am S 6/29 9 \$45 Delancey CLRM

YPED-100-1209 GENTLE YOGA

Levels 2-3. The focus of this class includes stretching, strengthening, balance and flexibility based on Hatha Yoga poses, using Pranayama (yoga) breathing which will enhance each pose. Brief guided meditations for relaxation will bring all the benefits of this one-hour class together. Bring a mat. Age 62+ \$38. Milwaukie Center

5:30-6:30pm T 6/25 9 \$50 Stevens CLRM

YPED-100-1210 NEW! YOGA FUSION WORKSHOP

Levels 2-3. Bring a mat. Please preregister. Milwaukie Center

9:30-10:30am SU 6/16 1 Free Stevens CLRM

YPED-100-1211 NEW! YOGA FUSION

Levels 2-3. Yoga Fusion will incorporate Hatha, Vinyasa and Yin style yoga. This class helps develop strength and balance in your body as well as your mind. One of the focuses of this class is to ensure proper body alignment. The mix of dynamic movements will allow you to hold poses longer cultivating awareness to your Pranayama (breath work). Bring a mat. Age 62+ \$34. Milwaukie Center

9:30-10:30am SU 6/30 8 \$45 Stevens CLRM

YPED-400-1200 T'AI CHI BEGINNING WORKSHOP

Levels 2 & 3. Come meet Marcus Quinlan. See how this simple ancient Chinese form is beneficial to your body. Try the moves before registering for the class. Please preregister. Milwaukie Center

9:30-10:30am W 6/19 1 FREE Quinlan CLRM

YPED-400-1201 T'AI CHI BEGINNING

Levels 2 & 3. Relieve chronic pain and inflammation, strengthen immune system, restore strength and vitality, alleviate anxiety and depression, improve balance and stimulate your brain! This class introduces you to the Chinese Yang-style form. The 24 movements are performed in continuous, harmonious, and synergistic sequence at slow speed beneficial for any age or physical shape. Milwaukie Center

9:30-10:30am W 7/3 8 \$40 Quinlan CLRM
Age 62+ \$30.

11:25am-12:25pm T 7/2 8 \$40 Quinlan CLRM
Age 62+ \$30.

YPED-600-1201 INNERGYSTICS

Levels 3 & 4. Workout starts with spinal and upper body warm-up and deep breathing, progressing through upper and lower body exercises using light weights, body weight, or isometrics. Exercises done rhythmically to optimize function and oxygenation of muscle groups, ending with relaxing, muscle-stretching cool down and focused breathing techniques. No class July 4. Age 62+ \$30. Milwaukie Center

11:15am-12:15pm TH 6/27 9 \$40 Blosser CLRM

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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CARDIO/STRENGTH CLASSES

YPED-500-1207 SIT-N-B-FIT

Levels 1 & 2. Strengthen muscles and improve range of motion, mobility and balance! Great for those with some physical limitations.

Age 62+ \$29. Milwaukie Center

10:55-11:40am	M	6/24	10	\$38		Stauss	CLRM
10:55-11:40am	W	6/26	10	\$38		Stauss	CLRM
10:55-11:40am	F	6/28	10	\$38		Stauss	CLRM

YPED-300-1222 LOW IMPACT AEROBIC/STRENGTH

Levels 2-3. This class is perfect for people just getting started or coming back from an extended break. Alternate between simple and safe, low impact movements. Use stretch bands and light weights that help condition the whole body, while listening to fun and motivating music. Age 62+ \$26. No class July 4. Milwaukie Center

4-4:45pm	TH	6/27	9	\$34		McClenahan	CLRM
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YPED-600-1205 FUNCTIONAL FITNESS

Levels 2 & 3. Rhythmic training to work on balance, while marching to a beat. Some hand-held weights are used. For people who are able to walk and stand without any extra support. Milwaukie Center

10:30-11:15am	T	6/25	10	\$38		Hall	CLRM
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Age 62+ \$29.

10:30-11:15am	TH	6/27	10	\$34		Hall	CLRM
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Age 62+ \$26. No class July 4.

YPED-200-1210 GOLD TONING

Levels 2-3. Learn to sculpt and tone through creative and fun dance routines using hand-held weights. World music with lively rhythms pumps this class up! Age 62+ \$38. Milwaukie Center

11am-12pm	M	6/24	10	\$50		Nishikido	CLRM
12:05-1:05pm	W	6/26	10	\$50		Nishikido	CLRM

YPED-300-1202 LINE DANCE FOR FITNESS

Levels 2-3. For people with some dance background who want to dance for aerobic exercise and stimulate their memory. Learn easy-to-follow basic patterns and dance to a wide variety of music, including pop, Latin, country and more. This hour-long class will keep you moving while having fun. Age 62+ \$38. Milwaukie Center

9:30-10:30am	M	6/24	10	\$50		Mattson	CLRM
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YPED-600-1217 SMALL GROUP PERSONAL TRAINING

Levels 2-3. Get personal attention in this small group setting from an ACE Certified Personal Trainer. Learn proper technique, safety, and how to exercise each muscle group effectively. You will be able to take what you learn to a gym, to your home, or even on the road. Class size limited to 15. Age 62+ \$34. No class July 4. Milwaukie Center

5-6pm	TH	6/27	10	\$45		McClenahan	CLRM
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YPED-600-1215 COMPLETE CONDITIONING

Level 3. A whole-body workout using aerobics, weights and other strength-training exercises. This class is for active people who have been taking fitness classes at least twice a week. Milwaukie Center

9:20-10:20am	T	6/25	10	\$50		Hall	CLRM
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Age 62+ \$38.

9:20-10:20am	TH	6/27	10	\$45		Hall	CLRM
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Age 62+ \$34. No class July 4.

YPED-300-1210 EZ-DOES-IT AEROBICS

Level 3. Moderate aerobic exercise for those who want to stay fit. Sessions include warm-up, stretch, muscle toning plus aerobic workout. Age 62+ \$29. Milwaukie Center

8:30-9:15am	M	6/24	10	\$38		Stauss	CLRM
8:30-9:15am	W	6/26	10	\$38		Stauss	CLRM
8:30-9:15am	F	6/28	10	\$38		Stauss	CLRM

YPED-300-1203 HULA FOR FITNESS

Level 3. Learn all the basic hula steps with easy-to-follow instructions. Hula helps tone hips, thighs and abdominals while incinerating calories and telling beautiful stories through the movement. Age 62+ \$23. Milwaukie Center

7:40-8:40pm	W	6/26	6	\$30		Taylor	CLRM
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YPED-200-1202 STRETCH & FLEX

Level 3. Build strength and balance in this relaxing non-aerobic approach to exercise. Bring an exercise mat; includes floor time. Bring a stability ball to the last six weeks of class. Milwaukie Center

8:10-9:10am	T	6/25	10	\$45		Hall	CLRM
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Age 62+ \$34. No class July 16.

8:10-9:10am	TH	6/27	10	\$40		Hall	CLRM
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Age 62+ \$30. No class July 4 & 18.

YPED-300-1201 WWW - WALKING WITH WAYNE

Levels 3-4. Wayne Sabin leads a walking group around North Clackamas Park every Wednesday. Meet at 10am by the red sculpture in North Clackamas Park. No fee.

YPED-600-1209 EXERCENTRICS

Levels 3-4. Use dumbbells and your body weight to perform multi-muscle, high repetition movements that will ultimately work the entire body. The music will keep you moving and your breathing will keep you focused. Finish with a relaxing cool down and stretches. Age 62+ \$38 Milwaukie Center

12:15-1:15pm	M	6/24	10	\$50		McClenahan	CLRM
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YPED-300-1206 ZUMBA

Levels 3 & 4. Zumba combines Latin and international music that incorporates hip-hop, cumbia, reggaeton, salsa, merengue, mambo and more. Build strength, burn calories, improve motion and posture. Milwaukie Center

6:40-7:40pm	T	6/25	10	\$45		Miratsky	CLRM
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Age 62+ \$34. No class July 2.

6:40-7:40pm	TH	6/27	10	\$45		Miratsky	CLRM
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Age 62+ \$34. No class July 4.

NORTH CLACKAMAS AQUATIC PARK

The North Clackamas Aquatic Park offers year 'round recreational swim opportunities in our exclusively indoor facility. Whether you are interested in aquatic exercise, lap swimming or recreational swimming, you can find it here. Please visit our website, www.ncprd.com or call 503-557-7873 (SURF) to verify the availability of these activities with our current schedule.

YPED-800-0400 TEEN WAVE

This class provides individuals (in a group setting) 13 years and older, the opportunity to learn swimming skills at one's own pace with a certified instructor. NCPRD \$50, Non-Res. \$66. North Clackamas Aquatic Park

7-7:30pm	MW	7/15	4			Staff	POOL
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YPED-300-0400 TAKE THE PLUNGE

Adults work at their own pace with a certified instructor. NCPRD \$50, Non-Res. \$66. North Clackamas Aquatic Park

7-7:30pm	MW	7/15	4			Staff	POOL
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YHLT-300-0400 RED CROSS LIFEGUARD TRAINING

Fee includes instruction, pool time and certificates for this four-day class. Participants are trained in safety and water rescue skills for a controlled environment, first aid, CPR/PR and AED. Print or digital copy of the Lifeguarding textbook required for class. NCPRD \$38, Non-Res. \$50. North Clackamas Aquatic Park

9am-5:30pm	SU-W	6/30	1			Staff	POOL
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AQUATIC EXERCISE

Aquatic Exercise is a fitness program designed to enhance your health and wellness. Admission per class: NCPRD \$5.50, Non-Res. \$7. 18 class punch card: NCPRD \$88, Non-Res. \$110.

YPED-300-0400 DEEP H2O

Deep H2O is held in the dive well with the assistance of flotation equipment. This non-weight bearing routine enhances flexibility and muscular strength. North Clackamas Aquatic Park

7-8am	MWF	6/17	11			Staff	POOL
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6-7pm	MTW	6/17	11			Staff	POOL
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7:30-8:30am	S	6/22	11			Staff	POOL
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Register with the Community Education Partner sponsoring your class.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
YPED-300-0403 H2O FITNESS								YPED-200-0402 TRAIN 2 STAY FIT							
H2O Fitness is a water exercise program designed to enhance health and wellness. North Clackamas Aquatic Park								Train 2 Stay Fit is a basic strength training class, utilizing steps to reduce body fat, improve muscle mass, increase endurance and promote positive responses in metabolic rate and bone mineral density. North Clackamas Aquatic Park							
8:15-9:15am	MWF	6/17	11			Staff	POOL	7-8pm	T	6/18	11			Staff	POOL
9:30-10:30am	MWF	6/17	11			Staff	POOL	YPED-600-0403 FOREVER FIT							
7-8pm	MW	6/17	11			Staff	POOL	Forever Fit offers modifications with a focus on increasing physical activity in the water. This class is ideal for all fitness levels and will assist in toning and strengthening muscles while developing coordination. North Clackamas Aquatic Park							
SWIM LESSONS								10:45-11:45am	MWF	6/17	11			Staff	POOL
Swimming lessons consist of eight 30-minute classes per session. Tuesday-Friday for Session 1 and Monday-Thursday classes for Session 2-5, held over two consecutive weeks: Session 1: June 18-28. Session 2: July 8-18. Session 3: July 22-August 1. Session 4: August 5-15. Session 5: August 19-29. Saturday class, held over eight consecutive weeks: July 6-August 24. NCPRD \$50, Non-Res. \$66.								YPED-800-0401 WATER BABIES, AGES 8-18 MOS							
Adults accompany students in the water to experience a positive approach to water adjustment. North Clackamas Aquatic Park								Sessions 1-5							
10:55-11:25am	M-TH		2			Staff	POOL	10:55-11:25am	M-TH		2			Staff	POOL
5:15-5:45pm	M-TH		2			Staff	POOL	5:15-5:45pm	M-TH		2			Staff	POOL
Saturday Session								Saturday Session							
8:25-8:55am	S		8			Staff	POOL	8:25-8:55am	S		8			Staff	POOL
YPED-800-0402 AQUA TOTS, AGES 19-35 MOS								YPED-800-0403 SEALS INTRO, AGES 3-5							
Adults accompany students in the water with emphasis on swimming progression and safety skills. North Clackamas Aquatic Park								Entry level swimming lesson. Introduces students to basic swimming and water safety skills. Choose session dates from description above. North Clackamas Aquatic Park							
Sessions 1-5								Sessions 1-4							
8:35-9:05am	M-TH		2			Staff	POOL	8:35-9:05am	M-TH		2			Staff	POOL
5:50-6:20pm	M-TH		2			Staff	POOL	9:45-10:15am	M-TH		2			Staff	POOL
Saturday Session								5:50-6:20pm	M-TH		2			Staff	POOL
10:45-11:15am	S		8			Staff	POOL	6:25-6:55pm	M-TH		2			Staff	POOL
YPED-800-0403 SEALS INTRO, AGES 3-5								YPED-800-0404 SEALS, AGES 3-5							
Entry level swimming lesson. Introduces students to basic swimming and water safety skills. Choose session dates from description above. North Clackamas Aquatic Park								Eligibility for Seals swim class is based on instructor recommendation. Builds on basic swimming and water safety skills while focusing on independent swimming, glides and underwater skills. Choose session dates from description above. North Clackamas Aquatic Park							
Sessions 1-4								Sessions 1-4							
8-8:30am	M-TH		2			Staff	POOL	8-8:30am	M-TH		2			Staff	POOL
9:10-9:40am	M-TH		2			Staff	POOL	8:35-9:05am	M-TH		2			Staff	POOL
9:45-10:15am	M-TH		2			Staff	POOL	10:55-11:25am	M-TH		2			Staff	POOL
10:20-10:50am	M-TH		2			Staff	POOL	4:05-4:35pm	M-TH		2			Staff	POOL
10:55-11:25am	M-TH		2			Staff	POOL	4:40-5:10pm	M-TH		2			Staff	POOL
11:30am-12pm	M-TH		2			Staff	POOL	5:15-5:45pm	M-TH		2			Staff	POOL
4:05-4:35pm	M-TH		2			Staff	POOL	7-7:30pm	M-TH		2			Staff	POOL
4:40-5:10pm	M-TH		2			Staff	POOL	Saturday Session							
5:15-5:45pm	M-TH		2			Staff	POOL	8:25-8:55am	S		8			Staff	POOL
6:25-6:55pm	M-TH		2			Staff	POOL	10:10-10:40am	S		8			Staff	POOL
7-7:30pm	M-TH		2			Staff	POOL	10:45-11:15am	S		8			Staff	POOL
Session 5								11:20-11:50am	S		8			Staff	POOL
8-8:30am	M-TH		2			Staff	POOL	YPED-800-0405 SWIMMING SEALS, AGES 3-5							
9:10-9:40am	M-TH		2			Staff	POOL	Eligibility for Swimming Seals swim class is based on instructor recommendation. Begins the basics of front crawl with a continued focus on independent swimming and introduces back crawl skills. Choose session dates from description above. North Clackamas Aquatic Park							
10:20-10:50am	M-TH		2			Staff	POOL	Sessions 1-4							
10:55-11:25am	M-TH		2			Staff	POOL	8:35-9:05am	M-TH		2			Staff	POOL
11:30am-12pm	M-TH		2			Staff	POOL	9:45-10:15am	M-TH		2			Staff	POOL
4:05-4:35pm	M-TH		2			Staff	POOL	5:50-6:20pm	M-TH		2			Staff	POOL
4:40-5:10pm	M-TH		2			Staff	POOL	6:25-6:55pm	M-TH		2			Staff	POOL
6:25-6:55pm	M-TH		2			Staff	POOL	Session 5							
7-7:30pm	M-TH		2			Staff	POOL	8:35-9:05am	M-TH		2			Staff	POOL
Saturday Session								6:25-6:55pm	M-TH		2			Staff	POOL
9-9:30am	S		8			Staff	POOL	Saturday Session							
11:20-11:50am	S		8			Staff	POOL	9-9:30am	S		8			Staff	POOL
YPED-800-0406 MIGHTY SEALS, AGES 3-5								11:20-11:50am	S		8			Staff	POOL
Eligibility for Mighty Seals class based on instructor recommendation. Students will be familiarized with back crawl and finning; elementary backstroke is introduced. Front crawl and rotary breathing refinement continued. Choose session dates from description above. North Clackamas Aquatic Park								YPED-800-0406 MIGHTY SEALS, AGES 3-5							
Sessions 1-4								Eligibility for Mighty Seals class based on instructor recommendation. Students will be familiarized with back crawl and finning; elementary backstroke is introduced. Front crawl and rotary breathing refinement continued. Choose session dates from description above. North Clackamas Aquatic Park							
9:10-9:40am	M-TH		2			Staff	POOL	Sessions 1-4							
10:20-10:50am	M-TH		2			Staff	POOL	9:10-9:40am	M-TH		2			Staff	POOL
4:40-5:10pm	M-TH		2			Staff	POOL	10:20-10:50am	M-TH		2			Staff	POOL
6:25-6:55pm	M-TH		2			Staff	POOL	4:40-5:10pm	M-TH		2			Staff	POOL
Session 5								6:25-6:55pm	M-TH		2			Staff	POOL
9:10-9:40am	M-TH		2			Staff	POOL	Saturday Session							
4:40-5:10pm	M-TH		2			Staff	POOL	10:10-10:40am	S		8			Staff	POOL

Course No. Title							Course Title								
Time	Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Time	Days	Begins	Wks.	Tuition	Fee	Instructor	Room
ZPED-800-0407 LEVEL 1, AGES 5+															
Entry level swimming lesson. Introduces students to basic swim- ming and water safety skills. Choose session dates from description above. North Clackamas Aquatic Park															
Sessions 1-4															
8-8:30am	M-TH		2			Staff	POOL	Session 5							
9:10-9:40am	M-TH		2			Staff	POOL	8:35-9:05am	M-TH		2			Staff	POOL
9:45-10:15am	M-TH		2			Staff	POOL	10:20-10:50am	M-TH		2			Staff	POOL
10:20-10:50am	M-TH		2			Staff	POOL	10:55-11:25am	M-TH		2			Staff	POOL
11:30am-12pm	M-TH		2			Staff	POOL	4:40-5:10pm	M-TH		2			Staff	POOL
4:05-4:35pm	M-TH		2			Staff	POOL	5:15-5:45pm	M-TH		2			Staff	POOL
4:40-5:10pm	M-TH		2			Staff	POOL	7-7:30pm	M-TH		2			Staff	POOL
5:15-5:45pm	M-TH		2			Staff	POOL	7:35-8:05pm	M-TH		2			Staff	POOL
5:50-6:20pm	M-TH		2			Staff	POOL	Saturday Session							
7-7:30pm	M-TH		2			Staff	POOL	9-9:30am	S		8			Staff	POOL
Session 5								9:35-10:05am	S		8			Staff	POOL
8-8:30am	M-TH		2			Staff	POOL	10:10-10:40am	S		8			Staff	POOL
9:45-10:15am	M-TH		2			Staff	POOL	ZPED-800-0410 LEVEL 4, AGES 5+							
10:20-10:50am	M-TH		2			Staff	POOL	Develops student's ability to swim front crawl for increased distances with a mastery of rotary breathing, while continuing improvement in back crawl and elementary backstroke. Choose session dates from description above. North Clackamas Aquatic Park							
4:05-4:35pm	M-TH		2			Staff	POOL	Sessions 1-4							
5:15-5:45pm	M-TH		2			Staff	POOL	8:35-9:05am	M-TH		2			Staff	POOL
7-7:30pm	M-TH		2			Staff	POOL	9:45-10:15am	M-TH		2			Staff	POOL
Saturday Session								11:30am-12pm	M-TH		2			Staff	POOL
8:25-8:55am	S		8			Staff	POOL	4:05-4:35pm	M-TH		2			Staff	POOL
9-9:30am	S		8			Staff	POOL	5:50-6:20pm	M-TH		2			Staff	POOL
10:10-10:40am	S		8			Staff	POOL	7:35-8:05pm	M-TH		2			Staff	POOL
11:20-11:50am	S		8			Staff	POOL	Saturday Session							
ZPED-800-0408 LEVEL 2, AGES 5+								9:35-10:05am	S		8			Staff	POOL
Builds on basic swimming and water safety skills while focusing on front crawl, breath control and endurance, and introduces students to back crawl. Choose session dates from description above. North Clackamas Aquatic Park								ZPED-800-0411 LEVEL 5, AGES 5+							
Sessions 1-4								Introduces breaststroke, dolphin kick and treading water. Promotes swimming endurance while establishing student's ability to demon- strate front crawl, back crawl and elementary backstroke for greater distances. Choose session dates from description above. North Clackamas Aquatic Park							
8-8:30am	M-TH		2			Staff	POOL	Sessions 1-4							
8:35-9:05am	M-TH		2			Staff	POOL	8-8:30am	M-TH		2			Staff	POOL
9:10-9:40am	M-TH		2			Staff	POOL	9:45-10:15am	M-TH		2			Staff	POOL
10:20-10:50am	M-TH		2			Staff	POOL	10:55-11:25am	M-TH		2			Staff	POOL
10:55-11:25am	M-TH		2			Staff	POOL	4:05-4:35pm	M-TH		2			Staff	POOL
11:30am-12pm	M-TH		2			Staff	POOL	5:50-6:20pm	M-TH		2			Staff	POOL
4:05-4:35pm	M-TH		2			Staff	POOL	7:35-8:05pm	M-TH		2			Staff	POOL
4:40-5:10pm	M-TH		2			Staff	POOL	Session 5							
5:15-5:45pm	M-TH		2			Staff	POOL	9:45-10:15am	M-TH		2			Staff	POOL
6:25-6:55pm	M-TH		2			Staff	POOL	5:50-6:20pm	M-TH		2			Staff	POOL
7-7:30pm	M-TH		2			Staff	POOL	7:35-8:05pm	M-TH		2			Staff	POOL
Session 5								Saturday Session							
8-8:30am	M-TH		2			Staff	POOL	11:20-11:50am	S		8			Staff	POOL
8:35-9:05am	M-TH		2			Staff	POOL	ZPED-800-0412 LEVEL 6, AGES 5+							
9:10-9:40am	M-TH		2			Staff	POOL	Increases swimming endurance in front crawl, back crawl, and el- ementary backstroke; as well as improve breaststroke and treading water for 1 minute 30 seconds and introducing sidestroke. Choose session dates from description above. North Clackamas Aquatic Park							
10:20-10:50am	M-TH		2			Staff	POOL	Sessions 1-4							
11:30am-12pm	M-TH		2			Staff	POOL	9:10-9:40am	M-TH		2			Staff	POOL
4:05-4:35pm	M-TH		2			Staff	POOL	11:30am-12pm	M-TH		2			Staff	POOL
5:15-5:45pm	M-TH		2			Staff	POOL	7:35-8:05pm	M-TH		2			Staff	POOL
6:25-6:55pm	M-TH		2			Staff	POOL	Session 5							
7-7:30pm	M-TH		2			Staff	POOL	9:10-9:40am	M-TH		2			Staff	POOL
Saturday Session								7:35-8:05pm	M-TH		2			Staff	POOL
8:25-8:55am	S		8			Staff	POOL	Saturday Session							
9-9:30am	S		8			Staff	POOL	10:10-10:40am	S		8			Staff	POOL
9:35-10:05am	S		8			Staff	POOL								
10:45-11:15am	S		8			Staff	POOL								
ZPED-800-0409 LEVEL 3, AGES 5+															
Begins refinement of front crawl with a focus on rotary breathing. Continues to familiarize students with back crawl, while introduc- ing finning and elementary backstroke. Choose session dates from description above. North Clackamas Aquatic Park															
Sessions 1-4															
8-8:30am	M-TH		2			Staff	POOL								
8:35-9:05am	M-TH		2			Staff	POOL								
9:45-10:15am	M-TH		2			Staff	POOL								
10:20-10:50am	M-TH		2			Staff	POOL								
10:55-11:25am	M-TH		2			Staff	POOL								
4:40-5:10pm	M-TH		2			Staff	POOL								
5:15-5:45pm	M-TH		2			Staff	POOL								
5:50-6:20pm	M-TH		2			Staff	POOL								
7-7:30pm	M-TH		2			Staff	POOL								
7:35-8:05pm	M-TH		2			Staff	POOL								

Register with the Community Education Partner sponsoring your class.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
ZPED-800-0413 LEVEL 7, AGES 5+ Explores circle swimming, workout equipment, stretching, body alignment and diving from the side and board. Continues to use and improve previously learned strokes. Choose session dates from description above. North Clackamas Aquatic Park Sessions 1-5 11:30am-12pm M-TH 2 Staff POOL 6:25-6:55pm M-TH 2 Staff POOL Saturday Session 10:45-11:15am S 8 Staff POOL								ZHLT-200-1204 SENIOR LAW CLINIC Volunteer elder law attorneys provide a half hour consultation on senior legal issues. This service is available to older adults residing in North Clackamas County. Clinic meets monthly on the first and third Tuesday. Appointments are necessary; call 503-653-8100. Free, donations appreciation. Milwaukie Center ZHLT-200-1211 CAREGIVER'S SUPPORT GROUP It's important to take care of yourself while you are caring for a loved one. The support group provides participants an opportunity to share ideas and meet with others who are experiencing similar challenges. Participants receive tips on self-care, stress reduction and learn pertinent information from monthly guest speakers. Facilitated by staff from Serenity Hospice and Milwaukie Center. Meets the second Wednesday of each month. Milwaukie Center 12:30-2pm W Free CLRM							
Health/Well-Being/Safety MILWAUKIE CENTER RESOURCES ZHLT-200-1206 MEALS ON WHEELS Volunteers deliver hot, healthy meals to homebound seniors over 60 or qualified Medicaid under 60 disabled residents of North Clackamas Parks and Recreation District. Call Social Services at 503-653-8100 to learn about program qualifications and how to apply. Milwaukie Center ZHLT-200-1207 TRILLIUM LUNCH Community members can enjoy a healthy, affordable meal Monday through Friday, 12-12:30pm. Groups of six or more require a reservation. For more information, or a menu, call the Nutrition Coordinator at 503-654-3030. Fee: 60+, \$3 donation; -60, \$5 per person. Milwaukie Center ZHLT-200-1208 PETE'S CAFE Open to the public 9am-1pm. Enjoy delicious meals including homemade soups, fresh specialty salads, sandwiches, hamburgers and hot dogs, beverages and desserts at very reasonable prices. All proceeds help fund the Milwaukie Center's Meals on Wheels program in North Clackamas County. Milwaukie Center ZHLT-200-1209 TRANSPORTATION The Transportation Program offers seniors and people with disabilities the freedom of staying connected to the community. We offer door-to-door service to and from the Milwaukie Center for lunch, classes and other activities. We also provide bus transportation to a local grocery store on Tuesday and Thursday each week. For a full list of services and fee information, call the Transportation Coordinator 503-794-8014. Milwaukie Center ZHLT-200-1200 A PLACE AT THE CENTER A special activities program designed for people with memory loss or confusion due to Alzheimer's or related disorders. This valuable respite program allows caregivers to take some "time out" from caring for their loved ones. For enrollment and fee info call Social Services at 503-794-8038. Application required. NCPRD \$24 per session, non-resident \$30 per session. Milwaukie Center 12-3:30pm W Staff CLRM								ZHLT-200-1210 VIEWS SUPPORT GROUP This confidential senior support group is led by trained peer counselors from Volunteers Involved in the Emotional Well-being of Seniors. The focus is to develop new ways of coping with life's challenges by talking and listening to others reflect on their concerns about life changes. For additional information, call 503-261-6181. Milwaukie Center 2-3pm T Free CLRM ZHLT-200-1205 IT'S ALL ABOUT MEMORY A weekly, half-day activity program specifically designed for individuals experiencing early memory loss. The program's focus is on teaching techniques to improve mental fitness by using memory enhancing and retaining activities. This confidential, social educational program provides opportunities to have fun, meet with peers who are experiencing memory loss and gain social support. Phone 503-653-8100 to speak with Abby or Lisa. NCPRD \$24 per session, non-resident \$30 per session. Milwaukie Center 10am-2pm F CLRM ZHLT-200-1213 EARLY STAGE SUPPORT GROUP Do you have a diagnosis of dementia or Alzheimer's disease? Are you interested in speaking with others who are experiencing similar challenges? This support group is for you. Family care partners are encouraged to attend. Registration and pre-screening are required, phone 800-272-3900 for details and to register. Fourth Thursday of the month. Facilitated by the Alzheimer's Association of Oregon. Milwaukie Center 2-3:30pm TH Free CLRM ZHLT-200-1214 BRAIN GAMES An interactive class designed to exercise your "mental muscle." Can't find your car keys? We have a trick to help you remember where they are. Have you just been introduced to someone only to forget their name? We can help with that. Join us for a relaxed learning experience to sharpen your mental skills and have fun, too. Second and fourth Mondays of the month. Milwaukie Center 10:30-11:45am M \$1 drop in fee CLRM							
ZHLT-200-1201 BLOOD PRESSURE CHECK Drop in and get your blood pressure checked by volunteer nurses. Available first Monday, third Tuesday and fourth Friday of each month. Free. Milwaukie Center 9:45-11:45am MT Staff CLRM 10:30am-12pm F Staff CLRM ZHLT-200-1202 FOOT CARE The Milwaukie Center offers a foot care clinic on the first and third Tuesday of the month. This service is offered by registered nurses who specialize in foot care. The service includes a foot care exam, toenail trim and lotion rub for a fee of \$35. To schedule an appointment or for additional information, please call (503) 653-8100 and leave your name and phone number for a return call. Milwaukie Center ZHLT-200-1203 DIABETES SUPPORT & EDUCATION GROUP Information, education and sharing for people with Type 2 diabetes, their families and friends. Meets first Wednesday of each month. Milwaukie Center 1:30-3pm W Free Staff CLRM								HEALTHY LIVING SEMINARS The Milwaukie Center offers monthly Healthy Living Seminars focusing on a variety of education and health topics presented by local professionals. Preregistration for these seminars is required. Please call 503-653-8100 and leave your name and phone number. ZHLT-200-1215 MATTER OF BALANCE FALL PROTECTION Matter of Balance is a nationally-recognized evidenced-based fall prevention program. Participants will attend 2 hour classes for 8 weeks and learn practical strategies to reduce falls. Topics include: fear of falling, reducing environmental risk factors, increasing activity levels, and learning exercises to increase strength and balance. Limited to 15 participants. To sign up, call 503-653-8100 and ask for Abby. No class July 1. 10am-12pm M 6/3-7/29 Free CLRM							

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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Languages

YFLS-100-1200 SPANISH I

Students with little or no Spanish language experience will learn the basic Spanish words, phrases and grammar. For questions about the class, please email Lucia at trilma@msn.com. Age 62+ \$45. Milwaukie Center

2-3:30pm M 6/24 8 \$60 Torres CLRM

YFLS-200-1200 SPANISH II

For students who have a basic knowledge of Spanish, this class provides continued development of reading, writing and speaking skills. If you are a new student with some knowledge of Spanish, please email Lucia at trilma@msn.com. Age 62+ \$53. Milwaukie Center

12:15-2pm M 6/24 8 \$70 Torres CLRM

YFLS-300-1200 SPANISH CONVERSATION I

A casual conversation class for people who can speak some Spanish. Minimal English is used in class. Students speak and the teacher makes corrections while leading a topic. If you are a new student with some knowledge of Spanish, please email Lucia at trilma@msn.com. Age 62+ \$45. Milwaukie Center

10:30am-12pm M 6/24 8 \$60 Torres CLRM

YFLS-300-1201 SPANISH CONVERSATION II

A continued casual conversation class for people who are in a higher level Spanish class. Minimal English is used in class. Students speak and the teacher makes corrections while leading a topic. If you are a new student with some knowledge of Spanish, please email Lucia at trilma@msn.com. Age 62+ \$45. Milwaukie Center

9-10:30am M 6/24 8 \$60 Torres CLRM

YFLS-300-1202 SPANISH IMMERSION

Go on a field trip to another country without leaving. Scenarios set up for students to prepare themselves for situations in Spanish speaking countries. Students will learn to tell stories in Spanish to broaden their way of communicating. Half hour break for lunch on Monday. If you are a new student with some knowledge of Spanish, please email Lucia at trilma@msn.com. Fee \$50. Age 62+ \$38. Milwaukie Center

9:30am-2pm M 6/10
10am-1pm TU 6/11
10am-1pm W 6/12

Music

ZMDT-400-1200 UKULELE JAM GROUP

Bring your ukulele and practice strumming to some popular songs in this casual atmosphere. Please call (503) 794-8092 or email recreation@ncprd.com for more info and to get on the email list. Drop in. Activity fee: NCPRD \$1, non-resident \$2 per session. No jam July 4. Milwaukie Center

6-7:15pm W Staff CLRM
9:30-11am TH Staff CLRM

ZMDT-400-1201 MT. DULCIMER JAM GROUP

Bring your Mountain Dulcimer and jam with the group. Please call 503-794-8092 for more information. First and third Wednesdays. Newcomers please contact Denise at ddkadk@comcast.net. Drop in. Activity fee: NCPRD \$1, non-resident \$2 per session. Milwaukie Center

12:15-2:15pm W Staff CLRM

Special Events

MOVIES IN THE PARK

Bring a blanket and enjoy movies under the stars! All movies are free and begin at dusk. Visit commonsensetmedia.org for movie descriptions and ratings to decide if the movie is appropriate for your family. Go to ncprd.com/parkmovies for a full listing of movies, dates and locations.

RECMOBILE

The RecMobile is coming to a park near you! Come play games, make crafts, meet new friends and have fun in the sun! Join our recreation staff Monday through Friday at select parks throughout North Clackamas Parks and Recreation District. Each week will feature a different theme to ignite your imagination. Children under age 6 must be accompanied by a parent or guardian. Parent or guardian must fill out a registration form on-site before children may participate in the RecMobile program. Go to ncprd.com/recmobile for a listing of dates and locations.

CONCERTS IN THE PARK

Mark your calendars this summer for concerts in the park! Join us for a three-week concert series at different park locations throughout the district. Stay tuned for more information on performing bands, ncprd.com. These concerts are free and open to all!

GOLDEN ANNIVERSARY

Have you been with your partner for 50 years or longer? We would like to honor you. Renew your vows and celebrate your dedication. The ceremony takes place at 11am followed by a gourmet lunch, live music and dancing. Join us in this beautiful and inspiring celebration. Please call 503-794-8092 to reserve your space today. Sponsored by Bob's Red Mill. Milwaukie Center

11am-1pm F 6/21 Free

GREAT AMERICAN BBQ

Mark your calendars for a flame-grilled lunch, in partnership with Hop Jack's, at the picnic shelter at North Clackamas Park. Tap your toes to the lively music of Mark Cash and Chihuahua Desert and watch a special performance by the Westernaires Line Dance Team. Ice cream provided by Umpqua Bank. Groups of six or more require a reservation. For more information, call the Nutrition Program at 503-654-3030. Sponsored by Bob's Red Mill. Fee 60+, \$3 donation; under 60, \$5 per person. Milwaukie Center

12-1pm TH 7/11

ICE CREAM SOCIAL & BEACH BUM DAY

Have fun with friends and neighbors while enjoying a banana split or sundae. Wear your favorite island attire and win a trip through the ice cream line. Proceeds from this event benefit the Milwaukie Center Nutrition Program. For more information, call the Nutrition Program at 503-654-3030. \$2 per sundae. Picnic shelter, Milwaukie Center

12:30-1:30pm TU 8/27

CLACKAMAS COUNTY ON TAP & UNCORKED

Featuring local wineries, breweries and distilleries from North Clackamas – all in a beautiful rose garden setting with food carts and live music. Entry is \$15 and includes a souvenir tasting glass (beer or wine). This event benefits Meals on Wheels in North Clackamas. Sara Hite Memorial Rose Garden, Milwaukie Center

1-9m S 9/7 \$15

Register with the Community Education Partner sponsoring your class.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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Special Interests/Hobbies

INTEREST & ACTIVITY GROUPS

(The Milwaukie Center will be closed Independence Day, July 4; Labor Day, September 2 and maintenance week, September 3-6.)

ZAPA-300-1206 BILLIARDS

Two pool tables with open play. Drop in. Activity fee: NCPRD \$1, non-resident \$2 all day. Milwaukie Center

8am-5pm M-F Staff CLRM

ZAPA-300-1203 CHINESE MAH JONGG

The objective of the game is to be the first to Mah Jongg where all your tiles form four sets plus one pair. If interested in learning, contact Angela Wright at englishimport@gmail.com or 503-679-9182.

Drop in. Activity fee: NCPRD \$1, non-resident \$2. Milwaukie Center

12:30-3:30pm M Staff CLRM

ZAPA-300-1204 MAH JONGG

Mah Jongg originated in China and is a game of skill, strategy and chance. Experience preferred. Please bring your current American Mah Jongg card. If interested in learning, please contact Judy Hervey at cjchervey@sbcglobal.net. Drop in. Activity fee: NCPRD \$1, non-resident \$2 per session. Milwaukie Center

12:30-3:30pm W Staff CLRM

ZAPA-300-1200 DAYTIME BINGO

Play for fun with small prizes. Drop in. NCPRD 25 cents per card, non-resident 50 cents per card. Large print cards now available. Milwaukie Center

1-2pm TTH Staff CLRM

ZAPA-300-1201 EVENING CASH BINGO

Cash prizes and refreshments. Drop in. \$5 first packet; \$4 second packet, \$1 for special games. Milwaukie Center

6:30-9pm TH Staff CLRM

ZAPA-300-1205 PARTY BRIDGE

Ages 18+ and for those who already play the game. Group rules apply. Drop in. Activity fee: NCPRD \$1, non-resident \$2 per session. Milwaukie Center

12:30-3:30pm TH Staff CLRM

ZAPA-300-1208 GENEALOGY

Learn where to find information and what to do with it. Meets the fourth Wednesday of the month. Drop in. Activity fee: NCPRD \$1, non-resident \$2 per session. Milwaukie Center

9:30-11:30am W Staff CLRM

ZAPA-300-1207 WOODCARVING

Activity period for novice to advanced woodcarvers, with guidance for starter projects, instruction on safety and tool care. Drop in. Activity fee: NCPRD \$1, non-resident \$2 per session. Milwaukie Center

8-11:30am W Staff CLRM

ZAPA-300-1209 GAME NIGHT

A variety of board and card games from simple to complex will be played. There will be an opportunity to learn or teach new games. If you have questions or suggestions, please call Saul at 503-360-2512 or email saul_m_shapiro@hotmail.com. First & Third Tuesday. Drop in. Activity fee: NCPRD \$1, non-resident \$2 per session. Milwaukie Center

5-7:45pm TU Staff CLRM

Sports/Outdoor Activities

YOUTH ACTIVITIES

ZOUT-100-0400 CHEER STARZ CAMP

Ages 5-14. Spike it, kick it, throw it, dribble it, dunk it! Campers will play a new sport each day including volleyball, basketball, flag football and soccer. Get your game on this summer! Campers should wear athletic attire with sneakers and bring a snack and water each day. Camp T-shirt included. NCPRD \$105, Non-Res. \$130. Mt. Scott Elementary

9am-12pm M-F 6/25 1 Staff FIELD

ZOUT-200-0401 FUN FIELD DAYS CAMP

Ages 5-12. Get outside and play! Campers will enjoy playing a variety of outdoor games, activities and obstacle courses. Campers should wear athletic attire with sneakers and bring a snack and water each day. Camp T-shirt included. NCPRD \$105, Non-Res. \$130. Hood View Park

9am-12pm M-F 7/9 1 Staff FIELD

1-4pm M-F 8/6 1 Staff FIELD

No. Clackamas Park

9am-12pm M-F 7/30 1 Staff FIELD

ZOUT-100-0402 HORSEBACK RIDING

Ages 8-18. Learn the ropes of English-style riding. Highland Stables offers professional instruction on riding and horse care with a focus on safety. Participants will develop riding skills based on the US Pony Club D standards. Campers are required to wear boots or hard-soled shoes. Riding helmets are provided for all participants. Fee: NCPRD \$285, Non-Res. \$305. Highland Stables

9am-12pm M-F 6/25 1 Staff ARENA

9am-12pm M-F 7/2 1 Staff ARENA

9am-12pm M-F 7/9 1 Staff ARENA

9am-12pm M-F 7/16 1 Staff ARENA

9am-12pm M-F 7/23 1 Staff ARENA

9am-12pm M-F 7/30 1 Staff ARENA

9am-12pm M-F 8/6 1 Staff ARENA

9am-12pm M-F 8/13 1 Staff ARENA

9am-12pm M-F 8/20 1 Staff ARENA

ZOUT-100-0403 LEARNING LACROSSE CAMP

Ages 5-12. Take the cookie to the cooker. Campers will be introduced to the game of Lacrosse and learn fundamental skills through exciting games and activities. Whether it's your first time picking up a stick or you've played before, you'll want to check this camp out. All equipment provided. Campers should wear athletic attire with sneakers and bring a snack and water each day. Camp T-shirt included. NCPRD \$105, Non-Res. \$130. Hood View Park

9am-12pm M-F 8/6 1 Staff FIELD

ZOUT-200-0404 OUTDOOR EXPLORERS CAMP

Ages 5-10. Discover the world around you! Campers will roll up their sleeves and dig into fun as they learn about and explore the great outdoors through a variety of hands-on projects and activities. Campers should wear athletic attire with sneakers and bring a snack and water each day. Camp T-shirt included. NCPRD \$105, Non-Res. \$130. Hood View Park.

9am-12pm M-F 7/16 1 Staff FIELD

9am-12pm M-F 7/30 1 Staff FIELD

Course No.	Course Title	Time	Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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ZOUT-100-0405 SUPER HOOPERS CAMP

Ages 5-14. Dribble, drive and dish the ball. Open to all skill levels, campers will hit the court to execute the basics and pick up new skills from a variety of activities, drills and exciting games. Campers should wear athletic attire with sneakers and bring a snack and water each day. Camp T-shirt included. NCPRD \$105, Non-Res. \$130. Locations vary.

Campbell Elementary Grades K-2	9am-12pm	M-F	7/9	1				Staff	GYM
Campbell Elementary Grades 3-5	1-4pm	M-F	7/9	1				Staff	GYM
Mt. Scott Elementary Grades K-2	9am-12pm	M-F	7/16	1				Staff	GYM
Mt. Scott Elementary Grades 3-5	1-4pm	M-F	7/16	1				Staff	GYM
Mt. Scott Elementary Grades 6-8	9am-12pm	M-F	7/30	1				Staff	GYM

ZOUT-100-0406 TENNIS CAMP

Ages 9-14. If learning the fundamentals of the game of tennis is your goal, you won't want to miss out on this camp! Campers will learn and practice various groundstrokes through numerous exciting games and challenges. Campers should wear athletic attire and sneakers and bring a water bottle and snack. Camp T-shirt included. Tennis racquets will be available to borrow if needed. NCPRD \$105, Non-Res. \$130.

BEGINNER -- If learning the fundamentals of the game of tennis is your goal, you won't want to miss out on this camp! Campers will learn and practice various groundstrokes through numerous exciting games and challenges.

Risley Park	9:30am-12pm	M-F	6/25	1				Staff	COURT
Clackamas High School	1-3:30pm	M-F	7/9	1				Staff	COURT
	1-3:30pm	M-F	7/23	1				Staff	COURT

BASIC/INTERMEDIATE -- Campers will review the fundamentals while improving their footwork and rally stamina through a variety of fun games and activities.

Clackamas High School	9:30am-12pm	M-F	7/9	1				Staff	COURT
MIDDLE SCHOOL, INTERMEDIATE									
Clackamas High School	9:30am-12pm	M-F	7/23	1				Staff	COURT
Risley Park	9:30am-12pm	M-F	8/13	1				Staff	COURT

ZOUT-100-0407 TRACK & FIELD CAMP

Ages 5-14. Run faster and go farther. Campers will experience the thrill of setting new personal bests in track and field events like sprints, relays, long jump, javelin and more. This camp will conclude with a mini meet to showcase campers' newly-learned skills. Campers should wear athletic attire with sneakers and bring a snack and water each day. Camp T-shirt included. NCPRD \$105, Non-Res. \$130. Rex Putnam High School

9am-12pm	M-F	7/23	1					Staff	FIELD
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ZOUT-100-0408 TRACK & FIELD JUMPS CAMP

Ages 10-14. Jump higher and further! Campers focus on developing jump techniques and skill for high jump, long jump and triple jump. Space is limited. Campers should wear athletic attire with sneakers and bring a snack and water each day. Camp T-shirt included. NCPRD \$72, Non-Res. \$90. Rex Putnam High School

1-4pm	M-F	7/23	1					Staff	FIELD
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ZOUT-100-0410 MULTI-SPORT CAMP

Ages 5-14. Shake your pom-poms and show your spirit. Campers will learn a choreographed cheerleading routine incorporating jumps and basic stunting skills to be performed for family and friends on the final day of camp. Camp participants are invited to walk in the City of Happy Valley's Independence Day Parade on the Fourth of July. Parade participants are responsible for transportation to and from the parade site. Campers should wear athletic attire with sneakers and bring a snack and water each day. Camp T-shirt included. NCPRD \$105, Non-Res. \$130.

Rock Creek Middle School K-5	9am-12pm	M-F	6/25	1				Staff	FIELD
Rock Creek Middle School 6-8	1-4pm	M-F	6/25	1				Staff	FIELD
Campbell Elementary K-5	9am-12pm	M-F	8/6	1				Staff	FIELD
Campbell Elementary 6-8	1-4pm	M-F	8/6	1				Staff	FIELD

ZOUT-200-0401 SCHOOLYARD FARMS CAMP

Ages 6-12. You're invited to come play with your food—and learn to love it, grow it and cook it! Campers transform into Schoolyard Farmers and experience a week on a one-acre urban production farm. Come explore the seeds, roots, sprouts, leaves, flowers and fruits that we'll turn into farm-fresh recipes and enjoy eating each day. Farm arts and crafts activities, scientific inquiry and active play add up to an abundance of outdoor fun! NCPRD \$285, Non-Res. \$305. Candy Lane Elementary

9am-3pm	M-F	8/13	1					Staff	FIELD
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ZAPA-300-1200 MINECRAFT VIDEO GAME DESIGN CAMP

Ages 7-12. Learn how to speak the language of computers! Campers will dive into the exciting world of computer coding through Scratch, developed by MIT. Scratch is a block-based application designed to make it simple for anyone to learn programming. Throughout the camp, coders create Minecraft-themed projects like an epic Ghost Busters battle game or a "choose your own adventure" story! The possibilities are endless! NCPRD \$150, Non-Res. \$188. Wichita Center

9am-12pm	M-F	6/24	1					Staff	CAFE
9am-12pm	M-F	7/8	1					Staff	CAFE

ZAPA-300-1202 MINECRAFT MODING CAMP

Ages 9-14 Why just play Minecraft when you can create Minecraft? In this camp designed for quick learners or those with blockbased coding experience, campers will learn how to code in Java by making a mod for Minecraft! This is professional, text-based coding. Create and then craft a sword out of mushy bananas, or spawn a flying golden cow. Make the full transition from player to content creator! NCPRD \$170, Non-Res. \$213. Wichita Center

1-4pm	M-F	6/24	1					Staff	CAFE
1-4pm	M-F	7/8	1					Staff	CAFE

ZOUT-200-0409 TOURING KAYAK BEGINNING LESSON

Ages 11+. Youth 11-18 must be accompanied by an adult. This is a great introduction for beginners to the sport of kayak touring. Lesson includes discussion on kayak equipment, steering strokes, paddling, bracing and rescues. You'll tour a local waterway and practice skills. Participants will use stable solo and tandem kayaks with big cockpits. Trips go rain or shine. Offered by NW Discoveries. NCPRD \$50, Non-Res. \$55. Clackamette Park

1-4pm	SU	7/22	1						
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ZOUT-200-0410 TOURING KAYAK LESSON & LONG TOUR

Ages 11+. Youth 11-18 must be accompanied by an adult. Explore our local waterways in touring kayaks. These very stable, large cockpit and responsive kayaks will allow you to quickly become a proficient paddler. A brief introduction/lesson will be provided, so even the first timer will be ready for the tour. Trips go rain or shine. Offered by NW Discoveries. NCPRD \$69, Non-Res. \$74. Register online at ncprdsports.com. Tualatin River

8:30am-12:30pm	SU	7/22	1						
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Register with the Community Education Partner sponsoring your class.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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Travel/Trips/Tour

MILWAUKIE CENTER TRAVEL DESK

Enjoy the scenery, make new friends, and relax as we take you to exciting destinations. All trips depart from and return to the Milwaukie Center. Standing and walking are required on most trips. Wear comfortable shoes and dress appropriately for the weather. Bring money for lunch unless otherwise noted. The events listed below are currently on the travel schedule, but are subject to change. Please check with the Travel Desk for the latest information on times and costs by calling 503-794-8026.

TILLAMOOK AIR MUSEUM & CREAMERY

This is the home of a large wooden hangar originally constructed for the U.S. Navy as home base for blimps used in anti-submarine missions along the Pacific coast. View more than 30 aircraft, from World War I to an F-14 Tomcat. Bring money for lunch at Tillamook Creamery and the museum fee of \$10, \$9 for seniors. NCPRD \$45, Non-Res. \$57.

9am-4:30pm W 5/08

OREGON HISTORICAL SOCIETY & CULINARY INSTITUTE

Lunch at the Culinary Institute then onto the Oregon Historical Society. For more than a century, the Oregon Historical Society has served as the state's collective memory, preserving a vast collection of artifacts, photographs, maps and more. Bring money for lunch and the \$5 museum entry fee. NCPRD \$29, Non-Res. \$37.

11:30am-3:30pm F 5/17

MOUNT ST HELENS

Visit the mountain that blew! Stop at the visitor center and take in the beautiful and expansive view. Next stop will be Patty's Place at 19 Mile House for lunch. Bring money for lunch. NCPRD \$45, Non-Res. \$57.

8:30am-4:30pm W 6/5

HIGHLAND STILLHOUSE

Highland Stillhouse's unique decor is inspired by Scotland.

Enjoy the cozy ambiance and delicious food. Bring money for lunch. NCPRD \$12, Non-Res. \$15.

11:30am-2pm TH 6/13

JAPANESE GARDEN

The Japanese Garden in Portland is considered the most authentic Japanese garden outside of Japan. Join us as we visit the recently expanded garden and have lunch at the Umami Café. Bring money for lunch and the fee to the garden of \$14.50 for seniors, \$16.95 for under 65. NCPRD \$17, Non-Res. \$22.

11:30am-3:30pm T 6/18

LAN SU CHINESE GARDEN

Join us for a stroll through the beautiful gardens with fountains and koi, followed by lunch at the authentic tea house where you can have tea and a light lunch. Bring money for the \$9 seniors, \$10 under 62 entry fee and lunch in the tea house. NCPRD, \$14, Non-Res. \$18.

11am-2:30pm TH 7/11

LANDMARKS OF THE GORGE CRUISE

Cruise on the "Historic Columbia River Scenic Waterway" on the Columbia Gorge Sternwheeler. Glide past natural and historic landmarks, such as Multnomah Falls, Beacon Rock, Bonneville Locks and Dam. Your day will be complete with fresh Northwest cuisine. Cost of trip and lunch included in fee. NCPRD \$110, Non-Res. \$127.

7:45am-4:15pm W 7/17

OREGON CULINARY INSTITUTE

Come and enjoy a delicious lunch prepared and served by current Oregon Culinary Institute students. Lunch fee is included in registration fee. NCPRD \$27, Non-Res. \$34.

11:30am-2:30pm TH 7/25

Writing/Literature

ZHWL-100-1200 CREATIVE WRITING

This class stimulates creative thinking and stretches students' abilities to see and write in fresh new ways. Age 62+ \$53. Milwaukie Center

1-2:45pm W 6/26 8 \$70 Arnold CLRM

ZHWL-100-1201 YOUR STORY

Learn how to preserve personal history by remembering and documenting special moments and all of life's essential elements. No class July 4. Age 62+ \$53. Milwaukie Center

1-2:45pm TH 6/27 9 \$70 Arnold CLRM

Oregon City

COMMUNITY EDUCATION PROGRAMS

Please read carefully, some of the local businesses take their own registrations.

Registration form for Community Education classes on page 52.

For more class information & to register on line: OCSd62.ORG, click on OCCE logo (left side)

Eastham Community Center 1404 7th St. Oregon City

Office hours: 7am-4pm Mon-Fri Phone: 503-785-8520

For class locations, see page 54.

Child Care/Activities

ZFAM-200-0500 LET'S GO PLACES SUMMER DAY CAMP

K- 5th grade. Monday-Friday 7am-6pm. Check our website for updated information <http://ocsd62.org/community-education/seasonal-camps>. Space is limited. Registration Information online by May 15th. Contact Rachael for more information. 503-785-8520 ext 7309 Eastham Community Center

Driver Education

YDRE-100-0500 ODOT TEEN DRIVER EDUCATION SAFETY CLASS

Age: 15-17. <http://ochspioneers.org/driver-education> for complete information, click on the calendar link to view dates. Student will also be assigned a drive lab in addition to the classroom time. Must have learners permit at time of registration. If student has a license/ obtains license while taking class/or is 18-older before completing class, add'l \$210 charged. Free/reduced lunch eligible students receive a \$75 discount on tuition. Refunds given up to 1 week prior to start date of class, minus \$45 non-refundable fee, less than 1 week prior to start date, no refund. Oregon City High School

Exercise/Fitness

ZPED-400-0500 BEGINNING & INTERMEDIATE TAEKWON DO

Age: 7-Adult. Traditional Korean martial art of self-defense with Will Coulter. Beginning students: Stretch/strengthen their bodies while learning basic strikes/blocks/kicks. Completing beginner course, students will be well prepared for intermediate class. Intermediate student: ranked blue belt and above practice skills to strengthen your mind/body. No class 7/2 and 7/4. King Elementary

7-8:15pm TTH 6/18 10 \$120 Coulter GYM

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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OREGON CITY JAZZERCISE

Age: 11-Adult. 971-219-0790 or visit Oregoncityjazz@yahoo.com. Combine cardio to enhance endurance & burn calories/strength training to define muscles/strengthen your core/stretching to increase flexibility. Hand weights/resistance tubes/balls. Workout while blasting fat & having fun. Eastham Community Center

YPED-300-0500	JAZZERCISE MEN & WOMEN AGES 11-ADULT	5:45-6:45am	MWF	6/24		Staff	GYM
YPED-300-0501	JAZZERCISE MEN & WOMEN AGES 11-ADULT	8-9am	M-S	6/24		Staff	GYM
YPED-300-0502	JAZZERCISE MEN & WOMEN AGES 11-ADULT	9:15-10:15am	M-S	6/24		Staff	GYM
YPED-300-0503	JAZZERCISE MEN & WOMEN AGES 11-ADULT	4-5pm	SU	6/23		Staff	GYM
YPED-300-0504	JAZZERCISE MEN & WOMEN AGES 11-ADULT	4:40-5:40pm	M-F	6/24		Staff	GYM
YPED-300-0505	JAZZERCISE MEN & WOMEN AGES 11-ADULT	5:50-6:50pm	M-TH	6/24		Staff	GYM

Health/Well-Being/Safety

ZFAM-200-0501 CHILD BABYSITTING SAFETY COURSE

Age: 11-15. CABS teaches teenagers safety essentials to stay home alone during the day or night. Trains teen to stay home alone w/ smaller children/keep them safe & entertained. Basic CPR/First Aid covered. Receive 1-year certification in CPR/First Aid. Practical skills both child/infant CPR. Written exam taken in order to receive certificate. Class broken down into childcare/babysitting/stay home alone sections that combine practical information as well as using graphics to keep the students engaged. Eastham Community Center.

9am-12pm	S	7/13	1	\$85		Hazapis	209
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PURELY PRIMAL PHYSICAL THERAPY & WELLNESS

Classes will be held at 19115 Beavercreek Rd. located in the Berryhill Shopping Center. For more information or to register for this free class by Dr. Julie Krueger please call-503-744-0046 or visit our web page at <http://www.purleyprimalpt.com/secrets-to-ending-pain>

ZHLT-200-0500 HOW TO END PAIN & STAY ACTIVE

Age: Adult. If you're an active adult with lingering aches/pain/stiffness holding you back from doing the activities you need, want or love to do this summer, then this class is perfect for you. You'll learn more about why your pain hasn't gone away and what you can do about it, without relying on pain medications, injections or surgery. There is no cost to attend, but seating is limited. Reserve your seat today!

6:30-7:30pm	W	6/12	1	\$0		Krueger	OFFICE
9-10am	S	7/13	1	\$0		Krueger	OFFICE
6:30-7:30pm	W	8/14	1	\$0		Krueger	OFFICE
9-10am	S	9/7	1	\$0		Krueger	OFFICE

Media/Science/Technology

ZAPA-300-0502 LEGO SIMPLE MACHINES/RCX MOTOR CARS

Age: 6-9. Oregon City Lego Robotics is offering a 3-day summer camp for the young LEGO Engineer who wants to experiment with motion motors added to their LEGO creations! The final day we will use the RCX robots to build a car to race! Eastham Community Center

9am-12pm	TWTH	7/16	3	\$85		Rine	107A
9am-12pm	TWTH	8/13	3	\$85		Rine	107A

ZAPA-300-0503 LEGO MINDSTORM EV3 ROBOTICS

Age: 10-14. Oregon City Lego Robotics offers this intense 3-day (9 hour) summer camp of building and designing the EV3 Robot. Programming will be learned to make the robot perform missions on a LEGO challenge board. This is a great way to get prepared for FLL in the fall term. Eastham Community Center

1-4pm	TWTH	7/16	3	\$85		Rine	107A
1-4pm	TWTH	8/13	3	\$85		Rine	107A

Sports/Outdoor Activities

OREGON CITY COMMUNITY EDUCATION YOUTH SPORTS

Call for information on all sports programs. 503-785-8520 ext: 7313
Natasha Payne

HIGHLAND STABLES

Classes held in a Country setting, indoor/outdoor arenas w/ a warm viewing room for visitors at Highland Stables 16723 S. Williams Rd, Beavercreek. English style riding for balance (bases for all riding disciplines), helmets provided. Boots are required w/ 1 inch heel.

ZOUT-200-0500 BEGINNER 1 LESSONS-ENGLISH STYLE

Age: 8-Adult. Beginners or those returning. Learn basic horsemanship skills in riding/care of horse/equipment.

2-3pm	T	7/16	4	\$150		Staff	ARENA
2-3pm	W	7/17	4	\$150		Staff	ARENA
2-3pm	TH	7/18	4	\$150		Staff	ARENA
2-3pm	F	7/19	4	\$150		Staff	ARENA

ZOUT-200-0501 BEGINNER 2 LESSONS-ENGLISH STYLE

Age: 10-Adult.

3-4pm	T	7/16	4	\$150		Staff	ARENA
3-4pm	W	7/17	4	\$150		Staff	ARENA
3-4pm	TH	7/18	4	\$150		Staff	ARENA
3-4pm	F	7/19	4	\$150		Staff	ARENA

ECODIVE NW, LLC

To register or for questions: Ecodivenw@gmail.com or learn more about our program through our web page www.ecodivenw.com. Instructors are experienced professional educators.

ZOUT-200-0502 SCUBA DIVING

Immerse yourself in this six session course teaches you everything you need to know to be a safe, Pacific Northwest Scuba diver. Class includes instruction, books, rentals, and fully prepares you for the open water certification. Must have own mask/fins/snorkel/booties which you can purchase from us at the student rate. \$110.00 for books/eLearning. \$290 for classroom, pool rentals, and pool sessions. \$120 for check out dives. Lodging and food are separate. Total \$520 or \$490 cash discount.

ZOUT-200-0503 ADVANCED SCUBA DIVER

Let your underwater adventure continue! Apply your scuba skills as you explore new dive sites & activities under the supervision of your NAUI Instructor. You will complete a minimum six open water dives/three separate dives for navigation/night/low visibility/deep diving plus three different specialty dives. \$225 tuition. Books & e-learning materials \$109.95. Open water \$30 per dive plus lodging.

NW DISCOVERIES

IMPORTANT: For complete information on each trip listed below, directions and meet locations and what to wear it is important to go to <http://www.nwdiscoveries.com>. Youth 11 years & older can register w/adult.

ZOUT-200-0504 TOURING KAYAK LONG TOUR/LESSON-NO TRANSIT

Trip will be Willamette Falls & Locks

8:30am-12:30pm	S	7/13	1	\$71		Staff	RIVER
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Pick up point is Clackamette Park, Portland

STONE CREEK GOLF COURSE

Stone Creek Golf Club is located at 14603 Stoneridge Drive, Oregon City, Oregon 97045. Phone: 503-518-4653.

Registration forms located at: <http://d2tbfnbweol72x.cloudfront.net/wp-content/blogs.dir/6178/files/2016/12/2019-Jr-Camp-PDF.pdf?v1.9>

ZOUT-100-0500 JUNIOR GOLF CAMP 2017

Age: 7-11 & 12-17. Join the PGA Head Golf Professional, Doug Suse and staff to teach or re-enforce the fundamentals of the game of golf while having lots of fun! Lunch, t-shirt and prizes too. Grip-stance-full swing-chipping-putting-rules & etiquette will all be covered in the 3-day camp. August 13th all junior camp participants are invited to play in our junior camp tournament.

9am-12pm	TWTH	7/9	3	\$135		Suse	COURSE
9am-12pm	TWTH	7/23	3	\$135		Suse	COURSE
9am-12pm	TWTH	8/6	3	\$135		Suse	COURSE

Register with the Community Education Partner sponsoring your class.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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Oregon City Pioneer

COMMUNITY CENTER

Registration form for Community Education classes is on page 52.

Please Note: Pioneer Center registration begins on Tuesday, May 21 at 9:00am.

Payment—Cash or check preferred. Full payment is due before the first class begins.

Cancellations—Classes, programs or events may be cancelled due to lack of participation.

Refunds—A full refund will be given only if requested before the first day of class. No refund is given if a class has already begun. For class locations, see page 54. Phone: 503-657-8287

Classes held at Pioneer Community Center. Center is open Monday through Friday from 9am to 4pm.

Closures: Monday, May 27 and Thursday, July 4

Arts/Crafts

ZAPA-100-1300 ACRYLIC & OIL PAINTING

Become an Artist and have fun! Beginners will learn fundamentals, brush techniques, shading composition and color mixing. Experienced artists learn latest in texture products & more. Pick up a supply list prior to first class. To register, call Shirlee at 503-722-3845 at least 1 week before class begins. Over 62 - \$65.

9:30-11:30am	W	6/26	10	\$95	Lind	CRAFT
12:30-2:30pm	W	6/26	10	\$95	Lind	CRAFT

ZAPA-300-1300 BUSY BEES

Have fun making crafts, sewing quilts, aprons, etc. for fundraisers. Group meets every Monday.

9am-12pm	M		Free	Staff	CRAFT
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ZAPA-100-1302 WATERCOLOR PAINTING ALL LEVELS

Explore the exciting and challenging medium of transparent watercolor! Learn to mix colors, the basics of composition, elements of perspective, and drawing. All levels welcome. Please call Melissa at 503-557-3963 to register for class. Over 62 - \$70. No Class 6/27 & 7/4.

10am-12:30pm	TH	6/13	10	\$100	Gannon	CRAFT
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ZAPA-100-1303 BEGINNING WATERCOLOR WORKSHOP

For beginners and anyone who wants to review watercolor techniques. Explore color by focusing on mixing, washes, and glazing techniques. Paint trees and do a value study. Everyone will complete several small paintings. Supplies provided. Please call Melissa at 503-557-3963 to register for class.

10am-1pm	F	6/28	1	\$65	Gannon	CRAFT
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ZAPA-100-1304 MIXED MEDIA SUNFLOWER WORKSHOP

Want to DESIGN with interesting shapes? Using acrylic inks and watercolors, we will create unique textures and colors to create one of a kind sunflowers. Bring watercolor supplies, acrylic inks and extra paper! Please call Melissa at 503-557-3963 to register for class.

10am-1pm	TH	9/12	1	\$65	Gannon	CRAFT
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Computers

ZDPS-100-1300 COMPUTERS AVAILABLE FOR USE

Computers are available for use Monday-Friday, 9-4pm. No printers. 9am-4pm MF Staff COMP

YDPS-100-1300 INTRODUCTION TO WINDOWS 10-LEVEL 1 CLASS

Learn how to navigate Windows 10 effectively. You will learn how to pin and unpin tiles, live tiles, and create a recovery USB drive. Explore Edge, Cortana, OneDrive, system-wide search, and the Windows Store app. Call Jerry King, 503-723-9497 to register.

TBA	M	4	\$65	King	BASEMENT
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YDPS-100-1301 COMPUTER FIRST STEPS-LEVEL 1 CLASS

Instruction focuses on learning to communicate with the computer: Understanding computer signs and symbols; the restore down and close commands; repositioning a window, saving/printing files; and an Internet introduction. Call Jerry King, 503-723-9497 to register.

TBA	M	4	\$65	King	BASEMENT
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YDPS-100-1302 COMPUTER BASICS-LEVEL 2 CLASS

This course opens with a survey of computer terminology/components. Learn to set up folders and create shortcuts. Discover different ways to connect to the internet, search engines and e-mail. Call Jerry King, 503-723-9497 to register.

TBA	M	4	\$65	King	BASEMENT
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YDPS-100-1303 WORD PROCESSING-LEVEL 3 CLASS

Students build on the basics to fine tune their word processing skills. Improve your typing skills by learning keyboard short cuts, default settings, commands, macros/tables, and mail merges. Call Jerry King, 503-723-9497 to register.

TBA	M	4	\$65	King	BASEMENT
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YDPS-100-1304 MASTERING EMAIL-LEVEL 3 CLASS

Focus is exclusively on email. Set up your own account, learn how to send carbon/blind carbon copies, attach pictures, set up reminders, calendars, and much more. Call Jerry King 503-723-9497 to register.

TBA	M	4	\$65	King	BASEMENT
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Dance/Theatre

ZMDT-300-1300 BALLROOM DANCING

Come and dance to the music of the Glenn Tadina 15-piece Big Band - waltzes, rumba, cha-cha, tango, etc. The Black Magic Band alternates every other Wednesday. \$5 per person/per week.

12:45-3pm	W			Tadina	MP
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ZMDT-300-1301 LINE DANCING-BEGINNING

Learn line dance basics and simple dances even if you have two left feet. No partner needed. This class is ongoing. 50¢ fee per class.

1-2pm	M			Staff	MPIII
12-1pm	T			Staff	MPIII

ZMDT-300-1303 LINE DANCING-INTERMEDIATE

Learn all the latest line dance steps and some traditional ones as well. No partner needed. This class is ongoing. 50¢ fee per class.

1-3pm	T			Staff	MPIII
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Exercise/Fitness

YPED-300-1300 ZUMBA FITNESS

This easy-to-follow Latin-inspired class is like a dance-fitness party. Dress comfortably, wear sneakers, and bring water. The first class is free for first timers. Please call Bev at 503-348-3842 for more information. \$5 drop-in class. \$20 5-class punch card

5:30-6:30pm	W	6/25	11	\$40	Bunting	MPIII
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ZPED-700-1300 MINDFULNESS MEDITATION

Learn how to calm the mind while strengthening concentration with simple breathing methods and comfortable postures. This non-religious technique helps direct the mind to a more peaceful state. For more information and to register contact Surja at 503-656-8910. \$10 drop in.

7-8:30pm	T	5/7	11	\$88	Tjahaja	POOL
2-3:30pm	T	5/7	11	\$88	Tjahaja	POOL

Oregon City Pioneer Community Center

Registration form on page 52.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
YPED-400-1301 TAOIST TAI CHI TAIJIQUAN, BEGINNING This internal martial art was developed to improve health through a gentle set of 108 movements. Turning and stretching exercises your whole body. Restores calmness and peace of mind. Wear flat shoes and loose clothing. To register call 503-220-5970 or email oregon@taoist.org . More information can be found at www.taoist.org . Suggested donation \$140 (Over 60—\$110). 6-7:30pm M 5/20 16 Manning MPIII								YPED-300-1305 REFIT CARDIO This life-changing group fitness experience will rock your body, heart, and soul with powerful moves and positive music! REFIT classes propel students to their best selves through dance, toning, balance and flexibility. This class is drop-in, ongoing, and free. 5:30-6:30pm TH Frack BASEMENT							
YPED-400-1302 TAOIST TAI CHI, INTERMEDIATE This is a continuing/intermediate class for students who have taken the beginning class. Same description as previous class. Monthly donation suggested. To register call 503-220-5970 or email oregon@taoist.org . More information can be found at www.taoist.org . 7:30-9pm M 5/20 16 Manning MPIII								YPED-600-1300 BALANCE STRENGTH & ENDURANCE This modified low impact workout program is designed for overall body fitness. We will combine cardio along with stretching to burn calories and improve muscle tone. Suitable for all fitness levels. Register in person at the Pioneer Center. Over 62 \$74. 9:15-10:15am MW 6/24 11 \$105 Owens MPIII							
YPED-400-1300 TAI CHI, BEGINNING The ancient Chinese movements of Yang Style Tai Chi improve strength, flexibility, concentration and balance by combining gentle physical exercise and mental discipline. Register at www.balancenharmony.com or call Nick at 503-266-9939. Over 55 \$100. 9-10am TTH 6/25 11 \$150 Hancock BASEMENT								Health/Well-Being/Safety							
YPED-400-1304 TAI CHI, CONTINUING This class focuses on the completion and refinement of the Yang Style Long Form. Register at www.balancenharmony.com or call Nick at 503-266-9939. Over 55 \$100. 10:40-11:40am MW 6/24 11 \$150 Hancock MPIII								ZHLT-200-1300 FOOT CARE CLINIC Registered nurses offer pedicures for seniors and those with disabilities on the 1st and 3rd Tuesday and 2nd Friday of the month. Cost is \$35 paid to the RN. Please bring two large towels. Please call 503-657-8287 ext "0" to make an appointment. 9:30am-3pm TF Staff CRAFT							
YPED-400-1305 TAI CHI STRAIGHTSWORD This beautiful, ancient practice improves strength, balance, flexibility, and coordination. We will be focusing on the Yang style Tai chi straight sword form and basic sword handling techniques. Over 55 \$75. Swords can be ordered for an additional \$25. Register at www.balancenharmony.com or call Nick at 503-266-9939 10:30-11:30am TH 6/27 11 \$100 Hancock MPIII								ZHLT-200-1301 AA SUPPORT GROUP Come join in our Alcoholic Anonymous support group. Meets every Sunday in the Pioneer Center's Basement. 1:30-3:30pm SU Staff BASEMENT							
YPED-400-1303 QI GONG Register at www.balancenharmony.com or call Nick at 503-266-9939. This moving meditation improves strength, flexibility, concentration and balance by combining gentle physical exercise and mental discipline. Beginners welcome. Over 55 \$65. 10:30-11:30am T 6/25 11 \$100 Hancock MPIII								ZHLT-200-1302 NARANON SUPPORT GROUP Join in our Narcotics Anonymous support group. Meets every Thursday in the Pioneer Center's Basement. 7-9pm TH Staff BASEMENT							
YPED-100-1344 YOGA Dress comfortably and bring a yoga mat. Work on flexibility, mobility and strength in a safe, supportive, fun class. Focus on breathing, technique and holding poses. No previous experience needed. To register, call Jenny at 971-400-6927. Over 62 \$42. 5:30-6:30pm TH 7/18 6 \$48 Juffs MPIII								ZHLT-200-1303 ALZHEIMER'S SUPPORT GROUP A caregivers' support group for those whose loved ones are affected by Alzheimer's and other types of dementia. Call 1-800-272-3900 for more information. Meets on the 1st and 3rd Wednesday monthly. 12-1:30pm W Staff CLRMII							
YPED-100-1304 GENTLE YOGA Feel better and reduce stress, no matter what your age or fitness level. This class provides all the benefits of yoga—meditation, breathing, stretching, strengthening and balance. Wear loose clothing, bring mat or blanket. Register in person at the Pioneer Center. Over 62 \$74. 9:15-10:15am TTH 6/25 11 \$105 Quinlan MPIII								ZHLT-200-1304 GRIEF SUPPORT GROUP Provides a safe place to share your thoughts, feelings and problems as you work through your grief. Please call 503-698-8911 for more information. Meets on 2nd and 4th Thursday each month. 1:30-3:30pm TH Petrie CLRMII							
ZPED-200-1300 EXERCISE ROOM FOR ADULTS 50 YEARS AND UP Enjoy our exercise room! Cardio equipment and weights are available for individual use Mon-Fri 9am-4pm. Orientation is required, please call 503-722-3781 to make an appointment. Purchase 24 visits for \$20. 9am-4pm MF Staff WEIGHT								ZHLT-200-1305 LUNCH AT THE COMMUNITY CENTER Come join us for lunch with dessert bar served Monday-Friday from 11:30am-12:30pm in our dining room. Suggested donation (60+) is \$3.00. Cost under 60 is \$4.50. Call 503-657-8287 for more information. 11:30am-12:30pm MF Staff DINE							
YPED-300-1303 WOMEN'S CARDIO Core de Force is uses core conditioning, combinations, body weight moves, and cardio sparks to harness the power of your core. Burn major calories with no equipment needed all while listening to fun music! Register by calling Instructor Jill St. John at 971-221-4813 or emailing jillstjohn101@gmail.com . \$10 drop-in class. 5:30-6:30pm W 6/26 11 \$66 St. John BASEMENT								ZHLT-200-1306 MEALS ON WHEELS PROGRAM Provides home-delivered noon meals (Mon-Fri) to homebound 60+ seniors and Medicaid qualified people with disabilities in Oregon City and West Linn. Call Shirley Ryan at 503-722-5979 for more info. Volunteer substitute drivers needed. TBA MF Staff DINE							
								ZHLT-200-1307 GROCERY SHOPPING TRIPS For those 60+ or people with disabilities. Suggested donation \$1.00 each way. Call 503-657-8287 for a ride. We provide transportation to WinCo, Market of Choice, Fred Meyer, Albertsons, Grocer Outlet, and Safeway. TBA MF Staff TRANS							
								ZHLT-200-1308 TRANSPORTATION For those 60+ or people with disabilities who reside in Oregon City and West Linn. Vans are lift-equipped. \$1.00 donation each way. Call 503-657-8287 for a ride. TBA MF Staff TRANS							
								ZHLT-200-1309 BLOOD PRESSURE AND BALANCE TESTS Blood pressure (Helping Hands Home Care) and balance testing (BenchMark Physical Therapy). No appointment needed. Please call 503-657-8287 for more information. 2nd Tuesday each month. 10am-12pm T Staff CLRMII							

Register with the Community Education Partner sponsoring your class.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
ZHLT-200-1310 DIABETES SUPPORT GROUP New! Join us the 1st Friday of each month from 12:00–1:00pm. This is a free support group and open to the public. 12-1pm F Staff CRAFT Music								Special Interests/Hobbies							
ZMDT-200-1300 MUSIC MAKERS COMMUNITY CHOIR Come tune up your vocal cords and have fun too! Singing strengthens your body, mind and spirit. We are always looking for new members! Please call Mary Ann Rautio at 503-774-5333 or 503-758-8238 or chorus director Melinda Byers at 503-381-9827 for more information. 10am-12pm F Ongoing \$30 Byers MPIII								ZAPA-300-1302 BINGO A lively, friendly group meets weekly for fun and small cash prizes. 25¢ per card. 12:30-3pm TH Staff MPII							
ZMDT-200-1304 MUSIC TOGETHER: MIXED AGES CLASS AGES 0-5 Sing, dance, play and laugh with Music Together! Our playful environment is musically rich and always supportive of their learning styles and stages of development. (\$65 Siblings) For more information or to register contact Wendy at 971-678-6742 or valleykids-music@gmail.com . 9:30-10:15am S 7/13 5 \$99 Reznicek BASEMENT 10:30-11:15am S 7/13 5 \$99 Reznicek BASEMENT								ZAPA-300-1303 TRIPLE DECK PINOCHLE Group meets every Friday. 25¢ fee. Pioneer Community Center 1-3:30pm F Staff POOL							
ZMDT-400-1308 BEGINNING UKULELE PART 1 Ukulele is easy to play, inexpensive, and lots of fun! In this popular class you will quickly learn tuning, simple chords, and tons of songs. Tenor, Soprano, or concert GCEA tuning only. To register call Bill Price at 503.997.6568. Please provide your own ukulele. 1:15-2pm M 7/1 3 \$43 Price CLRMI								ZAPA-300-1304 BILLIARDS Come join us for a friendly game of pool. 9am-4pm as available. No charge (adults 21 and over only). 9am-4pm MF Staff POOL							
ZMDT-400-1309 BEGINNING UKULELE PART 2 This class picks up where Part 1 left off. More great songs, strumming, and chords. Tenor, Soprano, or concert GCEA tuning only. To register call Bill at 503.997.6568. 1:15-2pm M 7/22 4 \$46 Price CLRMI								ZAPA-300-1305 SCRABBLE Come challenge this fun, friendly group that meets every week for free scrabble fun. 12:30-3pm F Staff CLRMI							
ZMDT-400-1310 BEGINNING GUITAR PART 1 This fun and popular class is designed for the absolute beginner. Quickly learn basic chords, simple strumming patterns, EZ songs, chords, how to tune, basic techniques, etc. Please provide your own guitar. To register call Bill at 503.997.6568. 2-2:45pm M 7/1 3 \$43 Price CLRMI								ZAPA-300-1306 AMERICAN MAHJONG New free drop in activity! Both experienced players and beginners are welcome! If you have your own set, please bring it. 12:30-3:30pm M Staff POOL							
ZMDT-400-1311 BEGINNING GUITAR PART 2 This class picks up where Part 1 left off. More great songs, strumming, and chords. To register call Bill at 503.997.6568. 2-2:45pm M 7/22 4 \$46 Price CLRMI								Travel/Trips/Tours							
ZMDT-400-1312 BEYOND BEGINNING UKULELE SESSION 1 This fun class is for those who know several basic chords and how to play some songs. Beginning Ukulele classes recommended. Please bring your own ukulele. Materials needed: Jumpin' Jim's, The Daily Ukulele Songbook. To register call Bill Price at 503.997.6568. 12-1pm M 7/1 3 \$35 Price CLRMI								ZTVL-100-1300 DAY TRIPS Join us on our popular day trips! Must be 60 or older or have a disability. For complete details please call 503-657-8287 x0.							
ZMDT-400-1313 BEYOND BEGINNING UKULELE SESSION 2 Same description as Session 1. To register call Bill Price at 503.997.6568. 12-1pm M 7/22 4 \$46 Price CLRMI								ZTVL-100-1301 EXTENDED TRIPS: PREMIER WORLD DISCOVERY For trip information, contact Alan at aregan@premierworlddiscovery.com or 877-953-8687. Join us this fall on trips to Cape Cod, Scotland & Northern Ireland! More exciting trips in 2020 TBA!							
ZMDT-400-1314 BEYOND BEGINNING GUITAR SESSION 1 This fun class is for those who know several basic chords and how to play some songs. Beginning Guitar Parts 1 & 2 are recommended. Please bring your own guitar. To register call Bill Price at 503.997.6568. 2:45-3:30pm M 7/1 3 \$35 Price CLRMI								ZTVL-100-1302 EXTENDED TRIPS: OREGONWEST EXCURSIONS Please call 503-585-3979 or visit www.oregonwest.com . OregonWest Excursions has more than 20 trips planned for 2019.							
ZMDT-400-1315 BEYOND BEGINNING GUITAR SESSION 2 Same description as Session 1. To register call Bill Price at 503.997.6568. 2:45-3:30pm M 7/22 4 \$46 Price CLRMI															

Oregon City Swimming Pool

Registration form on page 52.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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Oregon City Swimming Pool

The Oregon City Swimming Pool and Parks and Recreation has year round activities such as lap swim, water exercise, water walking, recreation swim, and more in our indoor heated pool! We also have a large community room that we use for our group fitness classes and facility reservations! Please visit our website at www.orecity.org or call 503-657-8273 to verify what we have going on!

Oregon City Swimming Pool 1211 Jackson Street Oregon City, OR 97045
Office hours: 8am-4:30pm Phone: 503-657-8273

Exercise/Fitness

YPED-300-1500 H2O-X SHALLOW WATER EXERCISE

Work out in waist-to-chest-deep water that is easy on the joints and body. Admission per class: Res \$4.25, Non-Res \$5.50. 20 punch card: Res \$55.00, Non-Res \$82.75. Senior rates 62+ Res \$4.00, Non-Res \$5.00 20 punch card: Res \$36.50, Non-Res \$54.75

8-9am	MWF	6/17	11	Staff	POOL
6:15pm-7:15pm	TTH	6/18	11	Staff	POOL

YPED-300-1501 H2O-X DEEP AQUATIC EXERCISE

Exercise without impacting your joints and works on building strength and flexibility. Good for those recovering from surgery and joint injuries, expecting mothers and anyone looking for a fun and exciting workout. Admission per class: Res \$4.25, Non-Res \$5.50. 20 punch card: Res \$55.00, Non-Res \$82.75. Senior rates 62+ Res \$4.00, Non-Res \$5.00 20 punch card: Res \$36.50, Non-Res \$54.75

8-9am	MTH	6/17	11	Staff	POOL
6:15pm-7:15pm	TTH	6/18	11	Staff	POOL

YPED-300-1502 H2O-X SHALLOW STRETCHING AND LIGHT CARDIO

This program combines the buoyancy of water and the soothing warmth of our heated pool, to offer a safe, ideal environment for relieving arthritis pain and stiffness. Gentle movements used in the program increase joint flexibility and range of motion while restoring or maintaining muscle strength. Admission per class: Res \$4.25, Non-Res \$5.50. 20 punch card: Res \$55.00, Non-Res \$82.75. Senior rates 62+ Res \$4.00, Non-Res \$5.00 20 punch card: Res \$36.50, Non-Res \$54.75

8-9am	TTH	6/18	11	Staff	POOL
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YPED-100-1501 HATHA YOGA

Designed to help tune the mind-body for any level of yoga student. All the poses are performed using universal principles of alignment, which help to avoid injuries and make the poses particularly therapeutic and transformative. Bring a yoga mat and block. \$10 per class or 20 punch card for \$160. Purchase from Instructor.

7:30am-8:45am	MWF	6/17	11	Sarah	REC ROOM
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Health/Wellbeing/Safety

YHLT-300-1500 RED CROSS LIFEGUARD TRAINING

Fee includes instruction, pool time and certificates. Participants are trained in safety and water rescue skills for a controlled environment, first aid, CPR/PR and AED. Please register through Melissa at 503-974-5516 or online at www.orecity.org Res. \$127.50 Non-Res. \$148.50. Oregon City Swimming Pool.

8am-5pm	SSU			Staff	POOL
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Sport/Outdoor Activities

ZOUT-100-1500 SKYHAWKS SPORTS PROGRAMS

Skyhawks provides a wide variety of fun, safe and positive programs that emphasize critical lessons in sports and life. Ages 3.5-12. Please visit www.skyhawks.com or call 800-804-3509 for classes near you this Winter/Spring.

Swim Lessons

ZPED-800-1500 SWIM LESSONS

Swimming lessons consist of nine 27-minute classes per session. Mon, Wed, Fri classes, held over 3 consecutive weeks: Res. \$44.00, Non-Res. \$64.00. Please visit www.orecity.org for class schedules and level descriptions or call the Oregon City Pool at 503-657-8273.

West Linn

PARKS AND RECREATION

Registration form for Community Education classes on page 52.

For class locations, see page 54. Phone: 503-557-4700

Art/Crafts

ZAPA-100-0601 BASIC PHOTOGRAPHY

This 2-hour class is an overview of how modern digital and film cameras function. This class is the first two hours of the advanced class. Bring camera and manual. Res. \$50, Non-Res. \$55. West Linn High School

7-9pm	M	7/29	1	Guvenir	CLRM
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ZAPA-100-0602 ADVANCED PHOTOGRAPHY

You'll be an "advanced" photographer after this class. Learn everything you need to know to be in complete control of your photography and create the images you want. This class is open to photographers of all levels with any camera. Bring camera and manual. Res. \$115, Non-Res. \$120. West Linn High School

7-9pm	MTW	7/29	3	Guvenir	CLRM
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OIL PAINTING

Using simple, step-by-step teaching method, Judy takes you from a blank canvas to a completed masterpiece in one class. These classes work for beginners to seasoned painters. All supplies are provided: all you do is show up, have fun, and take your masterpiece home to show it off!

ZAPA-100-0603 OIL PAINTING

In one class you create a masterpiece from a blank canvas. All materials provided. To view the name and image of painting, go to www.wetpaints.com. Res. \$58, Non-Res. \$63. West Linn Adult Community Ctr

5:30-9pm	TH	6/13	1	Stubb	CLRM
10am-2pm	S	6/22	1	Stubb	CLRM
5:30-9pm	TH	7/18	1	Stubb	CLRM
10am-2pm	S	7/27	1	Stubb	CLRM
5:30-9pm	TH	8/15	1	Stubb	CLRM
10am-2pm	S	8/24	1	Stubb	CLRM

Childcare/Activities

ZOUT-200-0600 FUN IN THE SUN - DAY CAMP

Age 6-12. Fun in the Sun is an exciting recreation day camp. This multi-week program is designed to provide fun and exciting enrichment activities for youth including sports, games, arts & crafts, and more. A weekly field trip to various local activities and presenters brought in. Bring a sack lunch, water bottle, sunscreen, appropriate clothing and towel for spray pool. Choose from the camps below. Res. \$110, Non-Res. \$115, \$20 discount for multiple child discount. No Camp July 4. Willamette Park

9am-3pm	M-F	6/17	1	Staff	PARK
9am-3pm	M-F	6/24	1	Staff	PARK
9am-3pm	M-W	7/1	1	Staff	PARK
9am-3pm	M-F	7/8	1	Staff	PARK
9am-3pm	M-F	7/15	1	Staff	PARK
9am-3pm	M-F	7/22	1	Staff	PARK
9am-3pm	M-F	7/29	1	Staff	PARK
9am-3pm	M-F	8/5	1	Staff	PARK
9am-3pm	M-F	8/12	1	Staff	PARK
9am-3pm	M-F	8/19	1	Staff	PARK

Register with the Community Education Partner sponsoring your class.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
ZOUT-200-0601 MINI CAMPERS								ZOUT-200-0603 ALL DAY OPTION							
Age 4-6. This "mini" version of Fun in the Sun Camp is based on the traditional day camp where youngsters play and interact outdoors with other children their age. Activities designed to enhance the physical, social, and emotional well-being of the child. Each week observes a different theme at various park locations. Res. \$54, Non-Res. \$59. No Camp July 4								Register for Both sessions of Mini- Campers and Shorty Sporty Camp, stay and play during a supervised lunch. Res. \$108, Non-Res. \$113.							
"Fun on the Farm" Tanner Creek Park, 3456 Parker Rd., West Linn								Tanner Creek Park, 3456 Parker Rd., West Linn							
12:30-3:30pm	M-F	6/17	1			Staff	PARK	9am-3:30pm	M-F	6/17	1			Staff	PARK
"Calling All Artists" Hammerle Park, 1505 Lewis St., West Linn								Hammerle Park, 1505 Lewis St., West Linn							
12:30-3:30pm	M-F	6/24	1			Staff	PARK	9am-3:30pm	M-F	6/24	1			Staff	PARK
"Party in the USA" Tanner Creek Park, 3456 Parker Rd., West Linn								Tanner Creek Park, 3456 Parker Rd., West Linn							
12:30-3:30pm	M-W	7/1-7/3	1	\$33/\$38		Staff	PARK	9am-3:30pm	M-W	7/1-7/3	1	\$66/\$71		Staff	PARK
"Under the Sea" Robinwood Park, 3600 Fairview Way, West Linn								Robinwood Park, 3600 Fairview Way, West Linn							
12:30-3:30pm	M-F	7/8	1			Staff	PARK	9am-3:30pm	M-F	7/8	1			Staff	PARK
"Alphabet Food" Tanner Creek Park, 3456 Parker Rd., West Linn								Tanner Creek Park, 3456 Parker Rd., West Linn							
12:30-3:30pm	M-F	7/15	1			Staff	PARK	9am-3:30pm	M-F	7/15	1			Staff	PARK
"Music Makers" Robinwood Park, 3600 Fairview Way, West Linn								Robinwood Park, 3600 Fairview Way, West Linn							
12:30-3:30pm	M-F	7/22	1			Staff	PARK	9am-3:30pm	M-F	7/22	1			Staff	PARK
"Under the Big Top" Hammerle Park, 1505 Lewis St., West Linn								Hammerle Park, 1505 Lewis St., West Linn							
12:30-3:30pm	M-F	7/29	1			Staff	PARK	9am-3:30pm	M-F	7/29	1			Staff	PARK
"It's A Bug's Life" Robinwood Park, 3600 Fairview Way, West Linn								Robinwood Park, 3600 Fairview Way, West Linn							
12:30-3:30pm	M-F	8/5	1			Staff	PARK	9am-3:30pm	M-F	8/5	1			Staff	PARK
"Aloha Summer" Tanner Creek Park, 3456 Parker Rd., West Linn								Tanner Creek Park, 3456 Parker Rd., West Linn							
12:30-3:30pm	M-F	8/12	1			Staff	PARK	9am-3:30pm	M-F	8/12	1			Staff	PARK
"Galaxy Voyage" Hammerle Park, 1505 Lewis St., West Linn								Hammerle Park, 1505 Lewis St., West Linn							
12:30-3:30pm	M-F	8/19	1			Staff	PARK	9am-3:30pm	M-F	8/19	1			Staff	PARK
ZOUT-200-0602 SHORTY SPORTY CAMPS								ZFAM-200-0601 MANNERS MATTER							
Introduction to different sports activities where fun, exercise and learning are emphasized. Please wear sunscreen, bring a water bottle and snack. Res. \$54, Non-Res. \$59.								Learn the importance of being polite in all situations. Set the table, practice proper greetings and handshake. Learn the polite way to enter a conversation and to write thank you notes. Learn the importance of being a polite host/hostess and guest. Practice good manners throughout the week and share about those experiences at class. Res. \$60, Non-Res. \$65. Adult Community Center							
"Multi Sport" Tanner Creek Park, 3456 Parker Rd., West Linn								Manners Matter ages 5-7 years							
9am-12pm	M-F	6/17	1			Staff	PARK	9-10:30am	S	8/3	2			Spelley	CLRM
"Multi Sport" Hammerle Park, 1505 Lewis St., West Linn								Manners Matter ages 8-10 years							
9am-12pm	M-F	6/24	1			Staff	PARK	10:45am-12:15pm	S	8/3	2			Spelley	CLRM
"Basketball" Tanner Creek Park, 3456 Parker Rd., West Linn								ZFAM-200-0602 LEGO JR-INTO THE WILD							
9am-12pm	M-W	7/1-1/3	1	\$33/\$38		Staff	PARK	Age 4-6. One of the wonderful parts about childhood is discovering all the amazing animals that live on the planet. We will learn about animals and their habitat through building models of animals with Legos, while learning about what makes these animals special and unique. Res. \$155, Non-Res. \$160. Rosemont Ridge Middle School							
"Multi Sport" Robinwood Park, 3600 Fairview Way, West Linn								9am-12pm							
9am-12pm	M-F	7/8	1			Staff	PARK	M-F							
"Soccer" Tanner Creek Park, 3456 Parker Rd., West Linn								7/22							
9am-12pm	M-F	7/15	1			Staff	PARK	YMCA							
"Multi Sport" Robinwood Park, 3600 Fairview Way, West Linn								A103							
9am-12pm	M-F	7/22	1			Staff	PARK	ZAPA-300-0604 LEGO ENGINEERING-CORE CONCEPTS CAMP							
"Soccer" Hammerle Park, 1505 Lewis St, West Linn								Age 7-12. Not just any Legos. Student engineers will build machines with motors, cars and robots that move and experiment with simple machines. Res. \$220, Non-Res. \$225. Sunset Firehall, Upstairs							
9am-12pm	M-F	7/29	1			Staff	PARK	8:30am-2:30pm							
"Multi Sport" Robinwood Park, 3600 Fairview Way, West Linn								M-F							
9am-12pm	M-F	8/5	1			Staff	PARK	6/17							
"Soccer" Tanner Creek Park, 3456 Parker Rd., West Linn								YMCA							
9am-12pm	M-F	8/12	1			Staff	PARK	CLRM							
"Multi Sport" Hammerle Park, 1505 Lewis St., West Linn								ZFAM-200-0604 LEGO JR.-GALAXY VOYAGE							
9am-12pm	M-F	8/19	1			Staff	PARK	Age 4-6. 5, 4, 3, 2, 1 Blast Off! Travel through while we explore the galaxy. Res. \$155, Non-Res. \$160. Sunset Fire Hall							
								9am-12pm							
								M-F							
								6/17							
								YMCA							
								CLRM							
								ZAPA-300-0605 CODING WITH LEGOS							
								Age 7-12. Explore the building blocks of coding with Legos! Campers will build various projects such as robots, cats and guitars then create a unique code to make their projects come to life. Res. \$220, Non-Res. \$225. Rosemont Ridge Middle School							
								8:30am-2:30pm							
								M-F							
								7/22							
								YMCA							
								A104							
								ZFAM-200-0606 INVENT IT, BUILD IT							
								Age 7-12. This camp will rev up that inventive spirit! Each day we'll have a new design and new inventions. Kids will design, test and tweak their inventions while working through the scientific method. Res. \$220, Non-Res. \$225. Sunset Fire Hall							
								8:30am-2:30pm							
								M-F							
								8/12							
								YMCA							
								CLRM							

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
ZAPA-300-0606 STOP MOTION ANIMATION								ZOUT-200-0609 ADVANCED WILDERNESS SURVIVAL							
Age 7-12. Animation is not only fun to watch, it's fun to make! With stop motion animation, everything around you can come alive! Res. \$220, Non-Res. \$225. West Linn High School								Age 9-14. This camp goes in depth into critical survival skills and cool scenarios that are both challenging and fun. Participants work on their own and in teams to problem solve and master the basics of shelter, fire, tool use and knife safety, traps, rope and knots, plant uses, animal tracking, primitive skills, navigation and more (we can't cover all of it in one week!) Campers build confidence, leadership skills, common sense and responsibility while having a blast with new friends. We play survival themed games and the week ends with an exciting final scenario and a certificate of achievement. Bring appropriate clothing, snacks and lunch. For details on course content and logistics call Dan Coyle, 541-760-0774. \$315. Presented by Coyle Outside. Mary S. Young Park							
8:30am-2:30pm	M-F	8/5	1			YMCA	CLRM	9am-4pm	M-F	8/5	1			Staff	PARK
ZFAM-200-0608 STAR WARS CAMP								ZOUT-200-0610 GIRLS EARTH SKILLS CAMP							
Age 7-12. Join us as we travel to a galaxy far, far away! Participants begin camp as Padawans who are preparing to begin their Jedi training. \$220, Non-Res. \$225. Rosemont Ridge Middle School								Ages 9-14. Work in teams to build communication and leadership skills, and work independently to build focus, self-esteem and self-sufficiency by practicing an array of wilderness skills, such as shelter construction, fire building, tool and knife use, knots and ropes, navigation and plant identification. Instructors make it both fun and challenging with creative team scenarios to problem solve in small groups. Play fun games, make new friends and earn a skills certificate. Bring appropriate clothing, snacks and lunch. For details on course content and logistics call Dan Coyle, 541-760-0774. \$315. Presented by Coyle Outside. Mary S. Young Park							
8:30am-2:30pm	M-F	7/8	1			YMCA	B102	9am-4pm	M-F	6/17	1			Staff	PARK
ZAPA-300-0607 DIY TOYS								ZMDT-300-0607 POPPIN WITH BOBBY							
Age 7-12. Students will design and put together their own toys to play with at home: games, play dough and sock puppets to name a few. \$220, Non-Res. \$225. Rosemont Ridge Middle School								Ages 9-14. Campers build coordination, timing and develop their own style of Pop n' Lock dance completing the week with a choreographed group performance created by participants. Pop n' Lock is a street form created in the 70's that Michael Jackson brought to the mainstream which is now one of the most popular contemporary styles of Hip Hop. Bobby takes participants through progressions, fun music ever present, as they discover, as well as master new abilities, and movements. Bring appropriate clothing, snacks and lunch. For details on course content and logistics call Dan Coyle, 541-760-0774. \$315. Mary S. Young Park							
8:30am-2:30pm	M-F	7/8	1			YMCA	B104	9am-4pm	M-F	7/29	1			Staff	PARK
ZAPA-300-0608 DIY TOYS								ZAPA-300-0309 STEM CHALLENGE + HARRY POTTER WITH LEGO							
Age 7-12. Students will design and put together their own toys to play with at home; games, play dough and sock puppets to name a few. Their creativity will lead to hours of fun. Res. \$220, Non-Res. \$225. Rosemont Ridge Middle School								Age 7-11. Gear up for a full-day LEGO® camp packed with hands-on and minds-on STEM fun! In this challenge based program, build projects inspired by cool machines close to home, such as Gear Cars, Gondolas, Merry-Go-Rounds and Scissor Lifts. Then travel to Hogwarts School of Wizardry. Hop on your Broomstick, play Quid-ditch and duel the evil Lord Voldemort. Res. \$312, Non-Res. \$317. Rosemont Ridge							
8:30am-2:30pm	M-F	7/9	1			YMCA	B104	9am-4pm	M-F	7/29	1			Play-Well	B102
ZFAM-200-0609 SUMMER CHESS CAMP								ZAPA-300-0310 INTRO TO STEM LEGO							
Age 7-12. Whether you are a beginner or seasoned player, you are invited to join Coach Corbin for a fun-filled and stimulating week of chess. Exciting chess variants such as Bughouse and Super King will allow students to approach the game from fresh perspectives. All skill levels welcome. Res. \$240, Non-Res. \$245.								Age 5-7. Let your imagination run wild with tens of thousands of LEGO® parts! Build engineer-designed projects such as: Trains, Helicopters, Treehouses and Beam Bridges. Design and build as never before and explore your craziest ideas in a supportive environment. Res. \$156, Non-Res. \$161. Rosemont Ridge Middle School							
9am-12pm	M-F	7/8	1			Yu	RRMS	9am-12pm	M-F	7/16	1			Play-Well	A102
9am-12pm	M-F	8/5	1			Yu	WLHS	ZAPA-300-0311 STEM CHALLENGE							
ZFAM-200-0610 CHESS WIZARD CAMP								Age 7-11. Level up your engineering skills with Play-Well TEKnologies and tens of thousands of LEGO® parts! Apply real-world concepts in physics, engineering and architecture through engineer-designed projects such as: Gear Cars, Gondolas, Merry-Go-Rounds and Scissor Lifts. Res. \$156, Non-Res. \$161. Rosemont Ridge Middle School							
Age 5-14. Join us this summer for tons of challenging chess lessons, exciting games and cool prizes. You'll improve your chess skills, meet new friends and work out your most powerful muscle-your brain! Res. \$195, Non-Res. \$200.6/24 at Rosemont Ridge Middle School & 8/12 at Sunset Fire Hall								1-4pm	M-F	7/16	1			Play-Well	A102
9am-12pm	M-F	6/24	1			Chess Wizard	A102	ZOUT-200-0606 INTRO WILDERNESS SURVIVAL							
9am-12pm	M-F	8/12	1			Chess Wizard	Room	Age 5-8. Learn the basics of thriving in the wild! Campers build confidence, communication skills and good judgement, through fun scenarios on their own or in teams. Skills taught/practiced include shelters, fire building, wilderness medicine, teamwork, traps, orienteering, cordage and knots and primitive skills. We play survival themed games and the week ends with an exciting final scenario and a certificate of achievement. Bring appropriate clothing, snacks and lunch. For details on course content and logistics call Dan Coyle, 541-760-0774. \$230. Presented by Coyle Outside. Mary S. Young Park							
ZOUT-200-0605 FISH HUNTERS CAMP								ZOUT-200-0607 INTERMEDIATE WILDERNESS SURVIVAL							
Age 8-13. In this 5-day camp, we explore local fishing holes and lots of "angles" on fishing! From Rod and reel to fly fishing, tackle, cleaning fish, bait and primitive fishing methods we cover it all and then some. Poles and tackle provided. Bring appropriate clothing, snacks and lunch. For details on course content and logistics call Dan Coyle, 541-760-0774. \$230. Presented by Coyle Outside. Mary S. Young Park								Full day of building survival skills and testing yourself against survival scenarios! Skills taught/practiced include shelters, fire building, wilderness medicine, teamwork, traps, orienteering, cordage and knots and primitive skills. We play survival themed games and the week ends with an exciting final scenario and a certificate of achievement. Bring appropriate clothing, snacks and lunch. For details on course content and logistics call Dan Coyle, 541-760-0774. \$315. Presented by Coyle Outside. Mary S. Young Park							
9am-1pm	M-F	6/17	1			Staff	PARK	9am-4pm	M-F	6/24	1			Staff	PARK
ZOUT-200-0606 INTRO WILDERNESS SURVIVAL								ZOUT-200-0607 INTERMEDIATE WILDERNESS SURVIVAL							
Age 5-8. Learn the basics of thriving in the wild! Campers build confidence, communication skills and good judgement, through fun scenarios on their own or in teams. Skills taught/practiced include shelters, fire building, wilderness medicine, teamwork, traps, orienteering, cordage and knots and primitive skills. We play survival themed games and the week ends with an exciting final scenario and a certificate of achievement. Bring appropriate clothing, snacks and lunch. For details on course content and logistics call Dan Coyle, 541-760-0774. \$230. Presented by Coyle Outside. Mary S. Young Park								Full day of building survival skills and testing yourself against survival scenarios! Skills taught/practiced include shelters, fire building, wilderness medicine, teamwork, traps, orienteering, cordage and knots and primitive skills. We play survival themed games and the week ends with an exciting final scenario and a certificate of achievement. Bring appropriate clothing, snacks and lunch. For details on course content and logistics call Dan Coyle, 541-760-0774. \$315. Presented by Coyle Outside. Mary S. Young Park							
9am-1pm	M-F	6/24	1			Staff	PARK	9am-4pm	M-F	7/15	1			Staff	PARK
ZOUT-200-0607 INTERMEDIATE WILDERNESS SURVIVAL								ZOUT-200-0607 INTERMEDIATE WILDERNESS SURVIVAL							
Full day of building survival skills and testing yourself against survival scenarios! Skills taught/practiced include shelters, fire building, wilderness medicine, teamwork, traps, orienteering, cordage and knots and primitive skills. We play survival themed games and the week ends with an exciting final scenario and a certificate of achievement. Bring appropriate clothing, snacks and lunch. For details on course content and logistics call Dan Coyle, 541-760-0774. \$315. Presented by Coyle Outside. Mary S. Young Park								Full day of building survival skills and testing yourself against survival scenarios! Skills taught/practiced include shelters, fire building, wilderness medicine, teamwork, traps, orienteering, cordage and knots and primitive skills. We play survival themed games and the week ends with an exciting final scenario and a certificate of achievement. Bring appropriate clothing, snacks and lunch. For details on course content and logistics call Dan Coyle, 541-760-0774. \$315. Presented by Coyle Outside. Mary S. Young Park							
9am-4pm	M-F	7/15	1			Staff	PARK	9am-4pm	M-F	8/19	1			Staff	PARK
ZOUT-200-0607 INTERMEDIATE WILDERNESS SURVIVAL								ZOUT-200-0607 INTERMEDIATE WILDERNESS SURVIVAL							
Full day of building survival skills and testing yourself against survival scenarios! Skills taught/practiced include shelters, fire building, wilderness medicine, teamwork, traps, orienteering, cordage and knots and primitive skills. We play survival themed games and the week ends with an exciting final scenario and a certificate of achievement. Bring appropriate clothing, snacks and lunch. For details on course content and logistics call Dan Coyle, 541-760-0774. \$315. Presented by Coyle Outside. Mary S. Young Park								Full day of building survival skills and testing yourself against survival scenarios! Skills taught/practiced include shelters, fire building, wilderness medicine, teamwork, traps, orienteering, cordage and knots and primitive skills. We play survival themed games and the week ends with an exciting final scenario and a certificate of achievement. Bring appropriate clothing, snacks and lunch. For details on course content and logistics call Dan Coyle, 541-760-0774. \$315. Presented by Coyle Outside. Mary S. Young Park							
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9am-4pm	M-F	8/19	1			Staff	PARK	ZOUT-200-0607 INTERMEDIATE WILDERNESS SURVIVAL							

Register with the Community Education Partner sponsoring your class.

Course No. Time	Course Title Days	Beginns	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Beginns	Wks.	Tuition	Fee	Instructor	Room
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Culinary

ZEAT-100-0603 BAKING CAMP

Age 7-12. Taught by YMCA staff. Students will explore different baking methods with sweet and savory recipes. Cookies, cakes and pies, Oh My! Res. \$220, Non-Res. \$225. Sunset Fire Hall

8:30am-2:30pm M-F 6/24 1 YMCA CLRM

ZEAT-100-0604 Y CHEF AROUND THE WORLD

Age 7-12. Taught by YMCA staff. No passport required to take this culinary journey around the world. Our chefs will learn about creating recipes, nutrition and using cooking utensils all while cooking new and exciting cuisine from all around the world. Res. \$220, Non-Res. \$225. Sunset Fire Hall, Downstairs

8:30am-2:30pm M-F 7/15 1 YMCA CLRM

ZEAT-100-0605 Y BREAKFAST

Age 7-12. Breakfast is the most important meal of the day! Students will explore different recipes that will help start their day off right.

Taught by YMCA staff. Res. \$130, Non-Res. \$135. Sunset Fire Hall

8:30am-2:30pm M-F 7/1 1 YMCA CLRM

ZEAT-100-0606 STORYBOOK Y CHEF

Age 4-6. Taught by YMCA staff. Campers will bring favorite childhood books to life with games, crafts and food. After reading the story they will create a recipe inspired by the book. Res. \$155, Non-Res. \$160. Sunset Fire Hall, Downstairs

9am-12pm M-F 7/29 1 YMCA CLRM

ZEAT-100-0607 CHEFS IN TRAINING

Age 7-12. Taught by YMCA staff. Become a chef extraordinaire! This camp will teach children how to make quick, yummy foods that can be enjoyed by the whole family. Res. \$220, Non-Res. \$225. Sunset Fire Hall

8:30am-2:30pm M-F 8/5 1 YMCA CLRM

COOKING WITH SURJA TJAHAJA

Age 18-Adult. West Linn Adult Community Center. IC/\$40 OC/\$45 per person per class. MATERIALS FEE: \$10 (payable directly to instructor at class).

Due to ordering time for specialty items, class registration closes 10 days prior to scheduled class. Every class has a minimum of 3 students.

MY FAVORITE STREET FOOD

The winter class highlight of Portland Asian Street Food was so well received that we had to open new classes to accommodate the demand. If you think "Street Food" is delicious and easy to prepare, I agree. I grew up eating those fabulous street foods while living in several countries in Asia. I think you will love the selections I am offering this summer which are three of my personal favorite dishes.

ZEAT-100-0608 MARTABAK

Martabak (beef curry pancake) and ACAR (cucumber pickles) is my favorite street food. You will learn how to make the curry ground beef, egg, and onions, sandwiched between crispy eggroll sheets fried in olive oil and butter. We will also learn to make the typically served side dish, cucumber pickles.

10am-1:30pm SU 6/30 1 Tjahaja CLRM

ZEAT-100-0609 OSAKA STYLE OKONOMIYAKI

A favorite of mine when living in Japan. Until today people would make this dish on their dinner table together with their loved ones as its romantic to cook this simple dish together. It's a perfect summer dish with its savory flavor. This Osaka style pancake has vegetables and seafood in it, served with a special sauce.

10am-1:30pm SU 7/21 1 Tjahaja CLRM

ZEAT-100-0610 MIE KANGKUNG GORENG

I love noodles, but this is my favorite. The inclusion of Kangkung also known as Oon Choy or Hollow Spinach and also goes by the name Water Spinach can be found in your local Asian Market and its quality is peak in the summer. The dish is cooked with pork and Indonesian sweet soy sauce pan fry with spices.

10am-1:30pm SU 8/18 1 Tjahaja CLRM

Dance/Theater

ZMDT-300-0606 AERIAL PLAYGROUND

Age 4-6. Tiny Fly. Get comfortable upside-down, sideways, and backwards! This class will create a fun and safe environment for students to develop body awareness, basic aerial skills, and locomotion patterns founded on play and imagination. Parent showing on the last day of camp. awoldance.org. Res. \$160, Non-Res. \$165. Mary S Young Park

11am-12:30pm M-F 7/8 1 AWOL SHELTER
10am-11:30am M-F 7/29 1 AWOL SHELTER

ZMDT-300-0608 AERIAL PLAYGROUND

Age 7-11. Youth Fly. Flip your summer upside down! Spend the week learning to climb, invert, and fly on multiple aerial apparatuses. During camp students will learn fun new aerial tricks, develop tumbling and dance skills, and utilize their creativity and expression. Parent showing on the last day of camp. awoldance.org. Res. \$300, Non-Res. \$305. Mary S Young Park

1-4pm M-F 7/8 1 AWOL SHELTER
10am-1pm M-F 7/15 1 AWOL SHELTER
10am-1pm M-F 7/29 1 AWOL SHELTER
10am-1pm M-F 8/5 1 AWOL SHELTER

ZMDT-300-0612 AERIAL PLAYGROUND

Age 12-17. Teen Fly. Take your summer up to the next level! Learn to climb, invert and fly on multiple aerial apparatuses in the trees. This camp will teach students aerial tricks and transitions, develop tumbling and dance skills, as well as utilize their creativity and expression. Parent showing on the last day of camp. awoldance.org. Res. \$300, Non-Res. \$305. 7/22 Res. \$240 Non-Res \$245 Mary S Young Park

10am-1pm M-F 7/8 1 AWOL SHELTER
1-4pm M-F 7/15 1 AWOL SHELTER
10am-1pm M-TH 7/22-7/25 1 AWOL SHELTER
1pm-4pm M-F 8/5 1 AWOL SHELTER

ZOUT-100-0600 TUMBLING

Age 4-6. This class will focus on beginner dance tumbling, flexibility and poses. Students will incorporate some beginner tumbling into their dancing, like rolls, handstands and cartwheels. Res. \$48, Non-Res. \$53. Sunset Firehall

10-11am M-W 6/24 1 Staff UPSTAIRS
11am-12pm M-W 6/24 1 Staff UPSTAIRS

ZOUT-100-0602 TUMBLING

Age 10 & up. Work on some skills and build your confidence and technique through great tumbling skills. Res. \$48, Non-Res. \$53. Sunset Firehall

12-1pm M 6/24 1 Staff UPSTAIRS

ZMDT-100-0600 BROADWAY HITS SONG & DANCE CAMP

Age 6-13. Are you a ham? Love to Perform? This camp is for you! At Van De Veere Productions, we love our musical theater! Come and sing the hits of Broadway. Sunset Firehall

4-4:45pm M-F 8/19 1 \$70/\$75 Staff CLRM

Ages 6-8

4:45-5:30pm M-F 8/19 1 \$70/\$75 Staff CLRM

Ages 9-14

1:30-2:15pm W-F 8/14 1 \$42/\$47 Staff CLRM

Ages 7-13

ZMDT-300-0610 TINY TUTUS BALLET CAMP

Age 3-5. Learn to dance like a Disney Princess! Your little one will find the turns, twirls and jumps in this class to be just what they need to become their very own Disney princess! Res. \$60, Non-Res. \$65. Sunset Firehall

3:30-4 pm M-F 8/19 1 Staff CLRM

ZMDT-300-0611 TINY TUTUS BALLET CAMP

Age 4-6. Learn to dance like a princess! Your little one will find the turns, twirls and jumps in this class to be just what they need to become their very own Disney princess! Res. \$60, Non-Res. \$65. Sunset Firehall

10:30-11am M-F 7/15 1 Staff CLRM

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
ZMDT-300-0612 DANCE TECHNIQUE BOOT CAMPS Age 12 & up. Keep up your skills with Miss Kathleen by stretching and mastering your jazz skills. Summer camps offered for beginning to advanced dancers. Work techniques across the floor and work your turns, leap and new floor Tricks. Res. \$80, Non-Res. \$85 Sunset Fire Hall								ZMDT-400-0601 KEYBOARD PREP INTRO Age 8-11. Keyboard Prep is an exciting introduction to piano playing for the older beginner. Sessions include ear training, solfege singing, note reading, solo and ensemble playing-a great class for continuing study. Res. \$85, Non-Res. \$90. Harmony Road Music Center							
5:30-6:30pm	M-F	8/19	1			Staff	CLRM	5-5:45pm	TTH	7/30	4			STAFF	CLRM
Beg/Int								ZMDT-200-0606 JR MUSIC CAMP Age 4-6. Activity oriented musical experience. Your child will explore a different theme each day through music and craft activities. Res. \$120, Non-Res. \$125. Harmony Road Music Center							
6:30-7:30pm	M-F	8/19	1			Staff	CLRM	12:30-2:30pm	M-F	8/5	1			STAFF	CLRM
Int/Adv								ZMDT-400-0602 KEYBOARD ORCHESTRA Age 5-8. Early Ensemble Class. Students will expand their reading skills and experience orchestration on the keyboard. Playing in ensemble enhances listening skills and encourages Activity oriented musical experience. Res. \$100, Non-Res. \$105. Harmony Road Music Center							
7:30-8:30pm	M-F	8/19	1			Staff	CLRM	6-7pm	MW	7/29	1			STAFF	CLRM
Adv								ZMDT-400-0603 KEYBOARD ORCHESTRA Age 5-11. Intermediate Ensemble Class. The focus of this class is keyboard performance and solfege singing, sight reading, rhythm and response and orchestration. Students will experience and learn about "boogie", "rag" and orchestral selections scanning several countries. Res. \$100, Non-Res. \$105. Harmony Road Music Center							
ZMDT-300-0615 TINY SINGERS BROADWAY HITS Age 5-8. Are you a ham!? Love to perform? This camp is for you! Learn proper vocal warm ups and learn staging and choreography from Broadway's best shows. Res. \$80, Non-Res. \$85. Sunset Fire Hall								6-7pm	TTH	7/30	1			STAFF	CLRM
11am-12pm	M-F	7/22	1			Staff	CLRM	ZMDT-200-0607 VOICE OVERS: NOW IS YOUR TIME! A one-time 2-hour program for adults. YOU could actually begin using your speaking voice for commercials, films, and videos. This is a business that you can handle on your own terms! Res. \$35, Non-Res. \$40. West Linn Adult Community Center							
ZMDT-300-0616 HIP HOP & PLAY Age 5-8. Get your groove on this summer. This camp is great for new dancers to the studio and dancers who have been in hip hop and play and beginning hip hop! Res. \$80, Non-Res. \$85. Sunset Fire Hall								6:30-8:30 pm	T	6/25	1			Foster	CLRM
12-1pm	M-F	7/22	1			Staff	CLRM	Exercise & Fitness							
ZMDT-300-0617 TAP DANCE CAMP Age 5-8. Beg/Int. Come and work on your tap dancing skills this summer with Miss Christine. Res. \$80, Non-Res. \$85. Sunset Fire Hall								ZPED-600-0600 Y FIT KIDS Ages 7-12. This camp will focus on increasing speed and agility through fitness, games and drills. Res. \$155, Non-Res. \$160 Marylhurst Heights Park							
1-2pm	M-F	7/22	1			Staff	CLRM	9-12 pm	T	6/17	1			YMCA	FIELD
ZMDT-300-0618 BEGINNING HIP HOP CAMP Age 6-10. Get your groove on this summer. This camp is great for new dancers to the studio and dancers who have been in hip hop and play and beginning hip hop! Res. \$80, Non-Res. \$85. Sunset Fire Hall								9-12 pm	T	8/12	1			YMCA	FIELD
2-3pm	M-F	7/22	1			Staff	CLRM	ZPED-100-0600 YOGA BASICS WITH LIISA Refresh and stretch your body, and quiet the mind, through basic yoga postures. Emphasis on breath, balance, strength and tension release. Props are provided, helping students practice comfortably. Slower-paced, and great for beginners and intermediate students. Drop in rate for classes is \$12. The Yoga Studio No class on June 18-20 & July 23-25							
ZMDT-100-0601 ACTING Age 7-12. Whether you're a Drama Queen or King of Comedy, this camp is a mix of dramatic, comedic and improvisational acting. Our instructors have an extensive background in teaching the fundamentals of acting. Res. \$220, Non-Res. \$225. Sunset Firehall, Upstairs								9:15-10:15am	T	6/4	3	\$27/\$32		Liisa	STUDIO
8:30am-2:30pm	M-F	7/29	1			YMCA	CLRM	6-7:15pm	W	6/5	3	\$27/\$32		Liisa	STUDIO
ZMDT-200-0601 HELLO MUSIC Age 2-4. Hello Music is a joyful introductory musical experience for you and your child. You will share creative activities that introduce movement, finger plays, singing, rhythm, keyboard activities and basic musical concepts. Parents participate in class. Res. \$85, Non-Res. \$90. Harmony Road Music Center								9:15-10:15am	TH	6/6	3	\$27/\$32		Liisa	STUDIO
10:30-11:15am	MW	7/29	4			STAFF	CLRM	9:15-10:15am	TH	7/11	3	\$27/\$32		Liisa	STUDIO
10:30-11:15am	TTH	7/30	4			STAFF	CLRM	9:15-10:15am	T	7/2	4	\$36/\$51		Liisa	STUDIO
ZMDT-200-0603 MUSICTIME Age 4-6. Musictime is an age-appropriate musical experience for the beginning student. You and your child will be introduced to singing, movement, note and rhythm reading, finger readiness and piano activities. Parents participate in class. Res. \$85, Non-Res. \$90. Harmony Road Music Center								6-7:15pm	W	7/3	4	\$36/\$51		Liisa	STUDIO
11:15am-12pm	MW	7/29	4			STAFF	CLRM	ZPED-700-0600 MINDFULNESS MEDITATION A way to Health and Happiness for ages 15 and older to actively develop a healthy mind & body, and remove stress with comfortable meditation postures. Good for all health conditions, pain management, and open to all abilities. Res. \$110 Non-Res. \$115 Drop-in \$12 per class to instructor. West Linn Adult Community Center							
4:15-5pm	MW	7/30	4			STAFF	CLRM	7-8:30pm	M	6/14	11			Tjahaja	CLRM
ZMDT-200-0605 YOUNG MUSICIAN INTRO Age 6-8. Young Musician students learn age-appropriate music concepts through singing, ear training, note reading, keyboard solo and ensemble playing, rhythm ensemble and creative activities. Parents participate in class. Res. \$85, Non-Res. \$90. Harmony Road Music Center								ZPED-100-0606 WELLNESS-GENTLE YOGA This yoga class is focused on gentle stretching beneficial for reducing anxiety, improved flexibility and ease of movement. Exercise may be performed seated in a chair or on a mat. Taught by Kristen Fein. West Linn Adult Community Center							
5-5:45pm	MW	7/29	4			STAFF	CLRM	11am-12:15pm	TH	6/6	4	\$40	\$12 drop in	Fein	CLRM
								11am-12:15pm	TH	7/11	3	\$30	\$12 drop in	Fein	CLRM
								11am-12:15pm	TH	8/1	5	\$50	\$12 drop in	Fein	CLRM

Register with the Community Education Partner sponsoring your class.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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YPED-200-0600 CORE STRENGTH

Resistance weight training program helps to build core strength in a safe manner. Yoga and Pilates moves build a strong core and healthy back. Please bring small hand-held weights, yoga mat, towel and water. \$44/2 classes/week, \$66/3 classes/week, \$5 drop in. 28 No class on 7/4 and 8/23

8-8:30am TTHF 7/2 8 \$66 \$5 drop in Rodgers WLACC

YPED-200-0602 STAYING ALIVE WITH STRENGTH AND BALANCE

Improve your strength and balance to conquer those everyday activities! You will utilize small hand weights, chairs and standing exercises. \$77/2 classes/week or \$119/3 classes/week. \$6 drop in. No class on 7/4 and 8/23

8:30-9:30am TTHF 7/2 8 \$119 \$6 drop in Rodgers WLACC

YPED-400-0600 T'AI CHI

Relieve Chronic Pain and Inflammation. Strengthen Your Immune System.

Restore Strength and Vitality. Alleviate Anxiety and Depression. Improve Your Balance. Stimulate Your Brain! This class will introduce you to the ancient Chinese Yang-Style Form. The 24 Movements are performed in a continuous, harmonious and synergistic sequence at slow speed—beneficial for any age or physical shape. Non-competitive.

11am-12pm T 6/4 8 \$56 Miller WLACC

YPED-400-0601 QIGONG

All Qigong classes offered at the West Linn Adult Community Center (WLACC) at this time are two hour classes held on Mondays and/or Wednesdays from 10 AM to noon. Self-massage, breathing exercises, immune boosting techniques and One Thousand Hands Buddha Meditation are practiced during the first hour of class. The second hour is devoted to learning new Qigong/Tai Chi forms. These forms change from time to time and are selected by the instructor based on the needs and interests of the students. \$65 for 1x/wk or \$120 for 2x/wk. No class on 5/27. \$8.50 drop in.

10am-11am MW 7/29 8 \$120 \$8.50 drop in Ruffner WLACC

ZPED-400-0603 NIA-MUSIC AND MOVEMENT

Nia is music and movement as medicine: an invitation to self-healing. It encompasses the classic movement forms of the martial arts, the healing arts and dance. Its practice touches all levels: body, mind, heart and spirit. Come move and be moved with us in your own body's way. Taught by Maria Milner.

11:15-12pm T 6/4 4 \$30 \$8 drop in Milner WLACC

11:15-12pm T 7/2 4 \$30 \$8 drop in Milner WLACC

11:15-12pm T 8/6 5 \$24 \$8 drop in Milner WLACC

YPED-100-0609 GENTLE YOGA AND STRENGTH

Gentle Yoga and Strength is a comprehensive and gentle class covering balance, strength and stretching moves while relaxing your body and mind. Taught by certified yoga instructor, Tiffany Carlson.

10-11am TTH 6/25 8 \$65 \$6.50 drop in Carlson WLACC

YPED-600-0600 FITNESS WITH JANEY

What a great way to kick off summer months! Come join us for 30 minutes of stretching, strength building, cardio activity, increase your balance and FUN! Whether you are active now or wanting to put a skip in your step and become more active, this is the perfect way to get yourself going! The classes, led by coach Janey Rose are different, fun and adaptable for all fitness levels.

9am-9:30am TTH 7/2 8 \$80 \$6 drop in Rose WLACC

Family Life/Children

YFAM-100-0600 PARENTING THE LOVE AND LOGIC WAY™

A six session course designed by the Love and Logic Institute for adults to learn: to avoid un-winnable power struggles, stay calm when your kids do upsetting things, set enforceable limits, avoid enabling and begin empowering, help your kids learn from mistakes rather than repeating them, raise kids who are family members rather than dictators and more! Designed to give you practical skills that can be used immediately! Individuals Res. \$50, Non-Res. \$55 or Couples Res. \$75, Non-Res. \$80 Adult Community Center

9:30- 10:30am S 7/27 6 Scott CLRM

Media/Science/Technology

ZFAM-200-0614 IMAGINATION ACADEMY

Age 5-8. Discover, create and play! All aboard the imagination train as your Jr. Mad Scientist takes a journey around the world of science. Join the fun as we make our own inventions while exploring the world of inventors, learn to cast fossils in the domain of the dinosaurs, explore the vastness of space and create a comet, watch the pull of gravity with parachutes and feel the heaviness of the air pressure all around us! Res. \$189, Non-Res. \$194. West Linn High School

9am-12pm M-F 7/8 1 MadScience A104

ZFAM-200-0615 CREATIVE CONTRACTIONS

Age 8-12. Creative Contraption Warning! This camp will take junior inventors on a journey of discovery from the real-life inventions of da Vinci, Edison and the Wright brothers to Isaac Asimov's dreams of future inventions. Each day campers will be given a series of challenges which must be overcome using basic materials, simple machines, tips from world famous inventors and the most important thing of all...their mind. Res. \$189, Non-Res. \$194. West Linn High School

1-4pm M-F 7/8 1 MadScience A104

ZAPA-300-0312 RADICAL ROBOTICS

Age 8-13. Spend the week exploring the wonderful world of automation. From the very basics of robotics to the complexity of building TWO of your own robots! Res. \$384, Non-Res. \$389. Rosemont Ridge Middle School

9am-4pm M-F 7/22 1 MadScience A102

ZAPA-300-0313 ROCKETS & THE SCIENCE OF FLIGHT

Age 5-8. Space, rockets, planes and flight, a little bit of everything for a rockin' good time! Campers will explore all aspects of the science of flight. Res. \$189, Non-Res. \$194. McLean House

9am-12pm M-F 8/12 1 MadScience CLRM

ZAPA-300-0314 ROCKET LAB

Age 8-12. 3.2.1.Blast Off! Campers discover the importance of teamwork in launching rockets and try their hand in each role. Rocket Science, Mission Control, Astronaut Training, Mission Recovery and Go for Launch are the topics that will be studied. McLean House Res. \$189, Non-Res. \$194.

1-4pm M-F 8/12 1 MadScience CLRM

ZAPA-300-0315 MINESCRATCH VIDEO GAME DESIGN

Age 7-12. Learn how to speak the language of computers! Campers will dive into the exciting world of computer coding through Scratch, developed at MIT. Res. \$156, Non-Res. \$161.

9am-12pm M-F 7/15 1 CodeToTheFuture RRMSA104

9am-12pm M-F 8/19 1 CodeToTheFuture MCLEAN HOUSE

ZAPA-300-0316 MINECRAFT MODDING

Age 9-14. Why just "play" Minecraft when you can "create" Minecraft? Campers will learn how to code in Java by making a mod for Minecraft! Res. \$221, Non-Res. \$226.

1-4pm M-F 7/15 1 CodeToTheFuture RRMSA104

1-4pm M-F 8/19 1 CodeToTheFuture MCLEAN HOUSE

ZAPA-300-0317 MAKE IT AND TAKE IT HOME

Age 6-11. In this hands-on, fun, and exciting program, you will discover how amazing science is. You will make and take home a wide assortment of toys designed to teach you science concepts in a hands-on way. Res. \$176, Non-Res. \$181

9am-12pm M-F 7/8 1 Sciensational RRMS

ZFAM-200-0624 PROSPECTORS MYSTERY ROCK

Age 6-11. You are going to be a Prospector. You will get to excavate for valuable gems, fascinating rocks and some ancient fossils. All are yours to keep. Res. \$176, Non-Res. \$181

1-4pm M-F 7/8 1 Sciensational RRMS

ZAPA-300-0318 FOLLOW ME ROBOT

Age 7-12. How would you like to build a robot that has four built-in microphones? It will detect the sound source and in turn it will move and turn accordingly. It is your own robot to build and take home. Res. \$176, Non-Res. \$181

9am-12pm M-F 7/22 1 Sciensational RRMSA101

Course No.	Course Title									Course No.	Course Title								
Time	Days	Begins	Wks.	Tuition	Fee	Instructor	Room			Time	Days	Begins	Wks.	Tuition	Fee	Instructor	Room		

ZFAM-200-0626 BRICK BUILDING WITH LIGHTS AND SOUND

Age 7-12. How about becoming an architect and electronics scientist? Combine everything into one. Make endless combinations of brick construction and electronics. Invent anything and make it work all by doing it the Sciensational Way! Res. \$176, Non-Res. \$181
1-4pm M-F 7/22 1 Sciensational RRMSA101

ZFAM-200-0627 CHEMICAL MAGIC

Age 6-11. Learn to make batteries from fruits or potatoes. Make a fantastic crystal tree. Work with invisible ink. See happy and sad balls. Work with our powerful magnets. Res. \$176, Non-Res. \$181
9am-12pm M-F 8/12 1 Sciensational

ZFAM-200-0628 EGYPTIAN DIG

Age 6-11. Buried Treasure Digs-Children discover the amazing science of Archaeology as they uncover ancient artifacts. You will learn about Egyptian life and excavate with tools like a real archaeologist uses. \$176, Non-Res. \$181
1-4pm M-F 8/12 1 Sciensational

Sports/Outdoor Activities**ZOUT-100-0603 SUDY SOCCER CAMP**

Ages 6-12. Camp emphasis is on dribbling, heading, setting up plays, shooting, passing, ball control, more. Campers divided by age to receive proper coaching. Res. \$105, Non-Res. \$115, Mary S Young Park, West Linn
9am-1pm M-F 8/19 1 \$105/\$110 Sudy FIELD

ZOUT-100-0604 JUNIOR CO-ED BASKETBALL & AGILITY CLINIC

Ages 8-10 This class is for athletes of all levels looking to work on speed and agility, as well as basketball skills and coordination. First half of clinic will focus on dynamic warm-up and agility. The second half will blend focused basketball skill development and concepts. Fee \$115/120. Sunset Primary School
5-6:15am TU 6/22 6 Corso GYM

ZOUT-200-0611 PADDLE SPORTS CAMP

Age 8-18. West Linn Parks and Rec is excited to partner with eNRG Kayaking this year to bring paddle sports to day camps. ACA Certified instructors will oversee the camps, and instruct youth on proper paddling and river safety techniques for canoeing, kayaking and stand up paddle boarding while incorporating fun games to ensure an exciting day for campers. Split by age groups on day one. Res. \$225, Non-Res. \$230 Willamette Park
10am-3pm M-W 6/24 1 \$225/\$230 eNRG PARK
10am-3pm M-W 7/8 1 \$225/\$230 eNRG PARK
10am-3pm M-W 7/22 1 \$225/\$230 eNRG PARK

ZFAM-200-0629 NINJA WARRIOR PARKOUR

Age 9-14. Learn to jump, vault, tumble, bounce and spin your way under over and through whatever obstacles and features you come across. Campers build strength, timing, balance, flexibility and explosiveness as instructors take participants through a challenging and fun progression of skills and exercises. Instructors incorporate obstacle courses, martial art forms, acrobatic movements and props to learn and choreograph key parkour and free running movements. The week ends with a final showcasing of skills. Bring appropriate clothing, snacks and lunch. For details on course content and logistics call Dan Coyle, 541-760-0774. \$355. Mary S. Young Park
9am-4pm M-F 7/8 1 Staff PARK

ZOUT-100-0605 KIDZ LOVE SOCCER

Age appropriate skills taught in soccer. Kids Love Soccer has been executing a successful and fun program since 1972. Includes activities, fun games and instructional scrimmages. Each participant receives a Kid Love Soccer jersey. 8 weeks \$99/104, 7 weeks \$89/\$94. Tanner Creek Park
6-6:30pm W 6/19 8 Ages 2-3.5 Staff Field
5:15-5:50pm W 6/19 8 Ages 3.5-5 Staff Field
4:30-5:15pm W 6/19 8 Ages 5-6 Staff Field
3:45-4:30pm W 6/19 8 Ages 7-10 Staff Field
9-9:30am S 7/13 7 Ages 2-3.5 Staff Field
9:40-10:15am S 7/13 7 Ages 3.5-5 Staff Field
10:15-11am S 7/13 7 Ages 5-6 Staff Field
11-11:45am S 7/13 7 Ages 7-10 Staff Field

ZOUT-100-0614 JORDAN KENT SKILLS CAMPS

Multi-sport week-long camps offering beginning to intermediate fundamental training in football, soccer, or basketball where your camper will participate in skill training, agility training, games, and nutrition education, all while basking in our exciting and engaging camp atmosphere! Both options include a t-shirt and post camp goodie. Half day (9am-1pm) \$149.95 Full Day (9am-3pm) \$179.95/ Location TBD
9am-3pm W 7/8 4 Staff Field
9am-3pm W 8/5 4 Staff Field

City of Wilsonville

PARKS AND RECREATION

Wilsonville Parks & Recreation is proud to offer a wide range of classes, activities and events for the whole family! You may register online or in-person. For more information, call 503-783-PLAY or go to www.WilsonvilleParksandRec.com.

Driver Education**YDRE-200-0701 AARP SMART DRIVER**

In two 3-hour sessions obtain a comprehensive review of safe driving techniques. Insurance companies often provide discounts for completing this course. You must attend both dates of class. \$15 AARP members/\$20 non-members. Wilsonville Community Center
9am-12pm F 6/21 2 \$5 AARP CLRM

Exercise/Fitness**YPED-100-0701 GENTLE BEGINNER YOGA**

This calming, stress relieving yoga class is designed to strengthen the body, while building balance, mobility, agility, stability and flexibility. Use of chairs or other props are available. Wilsonville Community Center
8:30-9:30am T 7/9 6 \$42 McDaniel CLRM

YPED-100-0702 HATHA YOGA

In Hatha yoga you will practice a series of traditional postures including: seated, standing, prone, inversions, along with breath practices meant to align the structure of the body. Although this class is open to all levels, previous yoga experience is helpful. Please bring your own yoga mat. All other props are provided. Wilsonville Community Center
8:30-9:30am TH 7/11 6 \$42 McDaniel CLRM

YPED-100-0703 YOGA- RELAX, RENEW, & ALIGN

Emphasis on using yoga to bring ease to our bodies, developing strength and flexibility with careful attention to alignment. This class uses props (bolsters, blocks, belts and blankets provided) to set up positions. Please bring your own mat. Wilsonville Community Center
5:30-6:30pm T 6/18 11 \$88 Cohen CLRM

YPED-100-0704 SLOW VINYASA YOGA

Mindfully flow from one pose to the next using your breath as your guide. Develop flexibility, strength, and balance. A focus on proper alignment paired with a non-judgmental attitude provides a safe, welcoming, and fun environment to practice yoga. Please bring your own mat. Wilsonville Community Center
6-7pm TH 7/11 8 \$65 Ante-Marandi CLRM

ZPED-100-0705 SUMMER SOLSTICE YOGA WORKSHOP

Celebrate the longest day of the year and the beginning of summer with a special yoga workshop. Through yoga asana, breathing exercises, meditation, and journaling, we will reflect and set intentions and then move on our mats to awaken the core and purify the body and mind. Please bring your own mat, journal, and pen. Wilsonville Community Center
9-10:30am S 6/22 1 \$15 Ante-Marandi CLRM

Register with the Community Education Partner sponsoring your class.

Course No.	Course Title	Time	Days	Begins	Wks.	Tuition	Fee	Instructor	Room
Course No.	Course Title	Time	Days	Begins	Wks.	Tuition	Fee	Instructor	Room

YPED-100-0706 FREE YOGA IN THE PARK

Enjoy a free, all-levels Vinyasa Flow yoga class outdoors this summer! Vinyasa Flow yoga connects movement with breathing and is a great way to reduce stress, increase strength, and improve flexibility. Modifications will be offered according to each body type and level. Class will not take place in the rain. Grove Shelter, Murase Plaza

9-10am S 6/1 14 Brower MRPLZ

YPED-200-0701 HEALTHY BONES AND BALANCE

Strengthen your body by combining circuit training, strength conditioning, aerobic fitness, flexibility and balance to improve bone density and decrease likelihood of a fall or injury. Wilsonville Community Center

8:30-9:20am MWF 7/8 7 \$63 Moore CLRM

9:30-10:20am MWF 7/8 7 \$63 Moore CLRM

YPED-200-0702 CARDIO, CORE, STRENGTH AND STRETCH

Get the best of both Pilates and strength fitness in this new hybrid class consisting of 15 minutes of cardio, core, strength and stretch. Work will be done on the mat/floor and stability balls. Modifications and varying weights are used so the class is suited to all fitness levels. Exercise mat required. Wilsonville Community Center

10:30-11:30am TH 7/11 8 \$59 Moody CLRM

YPED-200-0703 BODY SCULPT

Ages 12 and older. Strengthen and tone all major muscle groups. Focus will be on the core with sets of hand weight repetitions working the entire body. Modifications and different size weights are available; class can be suited individually. Exercise mat required. Wilsonville Community Center

6-7pm M 7/1 9 \$69 Moody CLRM

YPED-200-0704 STRENGTH, CORE, PILATES

Get strong and steady in this hybrid class which combines moves from body sculpt (all over resistance training), mat Pilates (core and back work), and balance. We will change it up each week using light weights and stability balls. Bring a mat and water. Wilsonville Community Center

6-7pm W 7/3 9 \$69 Moody CLRM

YPED-400-0701 BEGINNING TAI CHI

Introduces a simplified Tai Chi form that targets a range of benefits, including balance and flexibility, improving core strength, and improving memory. An additional bonus is having fun with others while discovering the joy of mindful movement. Wilsonville Community Center

1-2pm TTH 7/9 7 \$65 Lusk CLRM

YPED-400-0702 TAI CHI STUDIO

Starts with Qigong and warm-ups that target the joints and promotes relaxation. There is a focus on empty hand Tai Chi forms with 24 and 47 gestures during the first hour. The remainder of class is for practice with Tai Chi sword and fan movements. Wilsonville Community Center

2-3:40pm TTH 7/9 7 \$80 Lusk CLRM

YPED-500-0701 STRETCH, STRENGTH, & STAMINA

This basic exercise class is led by a certified personal trainer with experience teaching classes designed for those with arthritis or osteoporosis. Exercises can be performed standing up or sitting in a chair. This upbeat class includes: strength training with weights, exercise bands, and stretching. Wilsonville Community Center

11am-11:45am MF Ongoing \$1 McLenithan CLRM

ZOUT-100-0701 PICKLEBALL

Pickleball is one of the fastest growing sports in the US and is a terrific activity for keeping active and developing hand-eye coordination. Learn the sport from an experienced player who is certified to teach Pickleball. Learn terms for the game as well as rules and strategy. Memorial Park, pickleball courts

10am-12pm S 6/8 2 \$70 Johnson CRTS

10am-12pm S 7/13 2 \$70 Johnson CRTS

Health/Well-Being/Safety

ZHLT-200-0700 BLOOD PRESSURE CHECK

Drop in and get your blood pressure checked for free on the first Wednesday of the month. Wilsonville Community Center

11am-12pm W 7/3 1 Johnston CLRM

11am-12pm W 8/7 1 Johnston CLRM

11am-12pm W 9/4 1 Johnston CLRM

ZHLT-200-0701 LUNCH AT THE COMMUNITY CENTER

Lunch is served at the Community Center every Monday, Tuesday, Wednesday, and Friday. Lunch is served at noon and no reservations are required. Donations are encouraged from regular lunchtime participants. Recommended donations are \$3.50 for those 60 and over or \$4.25 for those under 60. Wilsonville Community Center

12pm-12:45pm MTWF Staff DINE

ZHLT-200-0702 MEDICARE 101: EXTRA HELP

Drop-in to this free class on the second Tuesday of the month. Class covers the basics of Medicare including what to expect when turning 65 or qualifying on the basis of disability, Medicare Advantage/Medicare Supplement Overview and extra help with prescription drugs and other available programs. Wilsonville Community Center

10:30am-11:30am T 7/9 1 Dunham CLRM

10:30am-11:30am T 8/13 1 Dunham CLRM

10:30am-11:30am T 9/10 1 Dunham CLRM

ZPED-700-0701 GUIDED MEDITATION MEETUP

This is a free, weekly opportunity for anyone wishing to begin a meditation practice or to have a regular, supportive environment to come for meditation. We'll explore a variety of guided meditations making each week a unique experience. Beginners welcome. Wilsonville Community Center

5:30pm-6pm W Ongoing Ante-Marandi CLRM

ZHLT-200-0703 PERSONAL SAFETY

Learn the top crimes that affect citizens and gain an understanding of what makes us potential targets for criminals. The presentation covers the three "A's" of personal safety in our home, vehicle, office and in public places. No charge but you must pre-register by calling 503-570-1526. Wilsonville Community Center

10:45am-11:45am T 7/2 1 Clackamas County Sheriff's Office CLRM

ZHLT-200-0704 ESTATE PLANNING 101

Interested in learning more about Estate Planning? Class topics will include estate planning basics such as wills, trusts, probate, powers of attorney, advance directives, and Medicaid Planning. There is no charge but you must pre-register by calling 503-570-1526. Wilsonville Community Center

10am-11:30am T 6/4 1 Rose CLRM

ZHLT-200-0705 LONG TERM CARE 101

Long term care is affordable. Class topics will be discussed by Attorney Michael Rose and will include Medicaid planning, preserving and protecting assets, and veteran's benefits. There is no charge but you must pre-register by calling 503-570-1526. Wilsonville Community Center

10am-11:30am T 7/23 1 Rose CLRM

ZHLT-200-0706 A DOORWAY TO SUPPORT, WELLNESS, AND COMMUNITY

Come learn about the types of private and public resources available to individuals looking for assistance and about the Aging and Disability Resource Connection (ADRC), a free central source of information for all income levels. Wilsonville Community Center

10:45am-11:45am T 6/25 1 ADRC CLRM

ZHLT-200-0707 ALZHEIMER'S EDUCATION

Explore how communication takes place when someone has Alzheimer's, learn to decode the verbal and behavioral messages delivered by someone with dementia, and help connect and communicate at each stage of the disease. Class is free but you must register by calling the Alzheimer's Association at 1-800-272-3900. Parks & Rec. Admin Building

10am-11:30am TH 7/11 1 Alzheimer's Association CLRM

10am-11:30am TH 8/8 1 Alzheimer's Association CLRM

Wilsonville Parks and Recreation

Registration form on page 52.

Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room	Course No. Time	Course Title Days	Begins	Wks.	Tuition	Fee	Instructor	Room
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ZHLT-200-0708 WEIGHT LOSS SUPPORT GROUP

This support group helps people navigate a path towards becoming healthier by losing weight and increasing physical activity. Group members will be able to rely on each other to help with inspiration and the belief they can sustain motivation and be successful. Wilsonville Community Center

12:30pm-1:30pm F Ongoing Moore CLRM

Arts/Crafts

ZAPA-100-0701 EXPLORING WATERCOLOR

Class will explore watercolor painting, materials, techniques, and a bit of art history. Projects are directed toward the needs of the students with care taken to address beginners and advanced designs. In an effort to keep costs down, students will be asked to bring in their supplies. Wilsonville Community Center

10:10am-12:10pm T 7/2 7 \$63 Luneke CLRM

ZAPA-100-0702 OIL PAINTING

Ages 12 and older. This class is taught by Judy Stubb who has been painting for 11 years and is a certified Bob Ross Floral Instructor. Each class is a different painting. All supplies are provided. Wilsonville Community Center

5:30pm-9pm T 7/2 1 \$50 Stubb CLRM

10am-2pm S 7/13 1 \$50 Stubb CLRM

5:30pm-9pm T 8/6 1 \$50 Stubb CLRM

10am-2pm S 8/10 1 \$50 Stubb CLRM

Music/Dance

ZMDT-300-0701 BALLROOM DANCING FOR COUPLES

Explore Swing, Rumba, and more through this 11-week dance course with your partner. This is not an exercise course and we don't plan on sweating. Please wear something comfortable that you would choose to wear on a date night out dancing with your favorite person. No class 7/3. Wilsonville Community Center

7:30-8:30pm W 5/15 11 \$176 Fidanzo CLRM

7:30-8:30pm W 7/17 11 \$176 Fidanzo CLRM

ZMDT-300-0702 LINE DANCING

Learn line dancing with easy steps in a relaxed atmosphere. Ultra Basic class is at 5:30pm, Beginner class is at 6:30pm, Intermediate class is at 7:30pm, and Partner dance class is at 8:30pm. Wilsonville Community Center

5:30pm-6:30pm F 5/10 8 \$75 Schmaltz CLRM

5:30pm-6:30pm F 7/12 8 \$75 Schmaltz CLRM

6:30pm-7:30pm F 5/10 8 \$75 Schmaltz CLRM

6:30pm-7:30pm F 7/12 8 \$75 Schmaltz CLRM

7:30pm-8:30pm F 5/10 8 \$75 Schmaltz CLRM

7:30pm-8:30pm F 7/12 8 \$75 Schmaltz CLRM

8:30pm-9:30pm F 5/10 8 \$75 Schmaltz CLRM

8:30pm-9:30pm F 7/12 8 \$75 Schmaltz CLRM

ZMDT-400-0701 UKULELE JAM GROUP

All skill levels welcome to drop-in to this group. Beginners will learn basic technique; advanced players will take us to new musical horizons. If you're brand new to the Ukulele, members will take some time assessing the overall level and make sure everyone gets what they came for without being overwhelmed or under-nourished. Wilsonville Community Center

6pm-8pm W Ongoing CLRM

Special Events

Chrysalis: Women Writers

Dates: June 26-September 11
Wednesdays, noon-1:50 p.m.
Roger Rook Hall, Room 220
Course Number: XWR-0001-01
or Course Registration Number: 294675
Free

Chrysalis Women Writers, an honest and supportive critique group, welcomes both new and established women writers. Newcomers are welcome to attend without reading their own work until they are comfortable doing so. This workshop is led by local author Patricia K. Lichen. For more information, contact the English Department, 503-594-3254.

Horticulture/Arboriculture/ Landscape/Organic Farming

See *Horticulture/Arboriculture/Landscape/Organic Farming* course listings for additional details.

For more information, contact Loretta Mills at lorettam@clackamas.edu or 503-594-3292.

FARMERS MARKET WEDNESDAYS

June 26-September 4
Wednesday, 11:00 am-1:00 pm
Outside Community Center

Summer term, on Wednesdays, the Organic Farming-Campus Farm class will have fantastic vegetables for sale. Produce for sale is grown here on our campus farm using organic methods. Proceeds provide funding for ASG student scholarships.

Library

CONVERSATION PROJECT: SHOWING UP: WHAT DOES IT MEAN TO BELONG

Date: Thursday, May 16
Time: 3-5 p.m.
Location: Harmony West Community Room
Cost: Free

Being part of a community is an essential need for all of us. It is a place where we find others who share common ground, where our values and identities are reflected. Community is also a place where we are supported and thrive. But what does it mean to be part of a community? What does it look like when community shows up for you and vice versa? To what extent are shared values and identities in our community enough or not enough to help us thrive? This is the focus of "Showing Up: What Does It Mean to Belong to a Community?" a free conversation with Chi Mei Tam. This program is hosted by the CCC Library and sponsored by Oregon Humanities.

Theatre Arts

www.clackamas.edu/theatre

SPRING TERM MAIN STAGE PRODUCTION

And Then They Came for Me: Remembering the World of Anne Frank

by James Still

May 23-June 2

Thursdays-Saturdays at 7:30 p.m., Sundays at 2:30 p.m.

Osterman Theatre in the Niemeyer Center

Ticket prices: Adults \$11, seniors 62+ \$9, students \$5

For tickets, contact the box office at 503-594-3153 or visit www.clackamas.edu/theatre. Seats are assigned.

BEHIND THE SCENES TOUR OF SPRING TERM MAIN STAGE PRODUCTION

And Then They Came for Me by James Still

Thursday, May 30, 4:30-6 p.m.

Osterman Theatre in the Niemeyer Center

It's FREE so bring a friend!

Take a behind-the-scenes look at our Spring Main Stage Production. Walk the catwalks, take a tour and discover the magic of a theater production. RSVP required. Limited space is available. Call Jennifer at 503-594-3153 to reserve your place.

STUDENT PERFORMANCE SHOWCASE: ONE-ACT PLAYS, STAND-UP COMEDY AND COMEDY IMPROV

May 28-30, noon-1 p.m. and May 29, 7:30 p.m.

Osterman Theatre in the Niemeyer Center

Experience the talent of CCC Theatre students at the spring term performance showcase. This event is FREE and open to the public.

FALL TERM 2019 MAIN STAGE PRODUCTION AUDITIONS (SHOW TBD)

Wednesday, October 2 at 3pm, Osterman Theatre (N-147) in the Niemeyer Building

Please prepare a one-minute monologue and come prepared to do cold readings from the play.

For more information about CCC Theatre Department plays and productions, visit www.clackamas.edu/theatre or call Jennifer Jett at 503-594-3153. All auditions and performances are in the Osterman Theatre located in the Niemeyer building on the Oregon City campus, 19600 Molalla Avenue.

Clackamas Repertory Theatre

CABARET CONCERTS

Sunday July 14, 7 p.m.

Cassi Q. Kohl in Concert

Don't Rain on my Cabaret / An Evening of Dream Roles

Sunday, Aug. 11, 7 p.m.

Portland Sings! Rodgers and Hammerstein

WING IT

A fun interactive show for kids, back for its fifth season!

Saturday mornings at 10:30 a.m.

June 15, Sept. 28 and Dec. 7 & 14

All special events tickets are available at clackamasrep.org with the exception of Wing It, which is \$5 at the door.

2019 SEASON *Sponsored by Jim and Janice Osterman*

Ken Ludwig's Sherwood: The Adventures of Robin Hood

Directed by David Smith-English

June 27-July 21, preview June 27, opening night June 28

The Northwest premiere! A wild adventure about a man with a generous heart and a desire to save his country from a usurped throne and dim-witted evil king, Ludwig's *Robin Hood* is full of charm and delightful vigilantes fighting for the rights of Sherwood Forest's citizens. It's an upbeat, zany comedy.

Sponsored by Krista Breunsbach and family.

South Pacific

Music by Richard Rodgers

Lyrics by Oscar Hammerstein II

Book by Oscar Hammerstein II and Joshua Logan

Adapted from the Pulitzer Prize-winning novel "Tales of the South Pacific" by James A. Michener

Directed by Jayne Stevens and Wesley Robert Hanson

Aug. 1-25, preview Aug. 1, opening night Aug. 3

An immediate Broadway hit in 1949, *South Pacific* remains one of the most popular musicals ever written. Transport yourself to an island of beauty and intrigue with Clackamas Rep's production of this American classic and enjoy hits like "Some Enchanted Evening," "This Nearly Was Mine," "Younger Than Springtime," "There's Nothing Like a Dame," "Bali Hai" and "I'm Gonna Wash That Man Right Out of My Hair."

Sponsored by Pamela Bloom and Betsy and Wendell White.

Queens Girl in the World

By Caleen Sinnette Jennings

Directed by Damaris Webb and featuring Lauren Steele

Sept. 5-29, preview Sept. 5, opening night Sept. 6

The West Coast premiere! *Queens Girl in the World*, the hit play of the 2015 Women's Voices Theater Festival in Washington, D.C., is a charming, funny, semi-autobiographical coming-of-age story about a young black girl in the '60s. This one-woman show includes not just our heroine, the engaging Jacqueline Marie Butler, but 12 more characters including her Caribbean father, imperious mother, girlfriends and teachers, as she moves from the safety of her sheltered Queens neighborhood to a new school in Greenwich Village. There, where she is one of only four black students and where race suddenly matters, she begins to wonder where she belongs in the world.

Sponsored by Jean Uzelac and Jean and Bob Macy.

Academic Regulations



Absences/Attendance

- You must be officially registered to attend class.
- Be sure to notify your instructor if you can't make it to your first day of class. If you don't, you may lose your seat to a student on the wait list.
- **If you stop going to class and you don't officially drop the classes from your schedule, you will be held academically and financially responsible.**
- If the college is open on a religious holiday, you may be excused through prior arrangement with your instructors.
- If you attend a college-sponsored field trip, intercollegiate function or other event, you may be excused through prior arrangement with your instructors.
- **Financial aid programs have specific attendance requirements. Contact the Financial Aid Office for more information at finaid@clackamas.edu or www.clackamas.edu.**

Academic Standing

If you are a degree/certificate student taking 6 or more credits, you are required to maintain a 2.0 GPA and complete at least 50% of your attempted credits in order to remain in good academic standing.

Active Military Duty

If you are called up for active military duty, and wish to withdraw from classes, you will be held harmless with as much as possible regard to financial and academic responsibility.

- You will be asked to officially withdraw from classes by web, fax, mail, or in person.
- Students who have already shipped out or are unable to drop classes should contact Enrollment Services: 503-594-6074 or registrar@clackamas.edu.
- You will be asked to submit a copy of your orders along with a request for a refund/credit to Enrollment Services.
- Requests to be held harmless financially and academically for a prior term enrollment must be submitted directly to the Registrar at 503-594-3370 or chris.sweet@clackamas.edu.

Adding and Dropping Classes

- You are required to obtain instructor permission (signature) once classes begin.
- You must officially drop courses you have registered for if you decide to stop going to class. **Ceasing to attend class does not constitute official withdrawal! You will be held responsible academically and financially if you do not officially drop your courses. Official withdrawal is via myClackamas or in person.**

FERPA

Directory information about your student record may be released without your permission under the Family Educational Rights & Privacy Act (FERPA). CCC will release the following Directory Information:

- Full Name
- Enrollment status
- Enrollment dates
- Verification of certificate, degree, or honors and awards
- Residency status
- Major/Program
- Athletic participation

No other information will be released without your permission. If you have questions regarding FERPA, please contact Enrollment Services, 503-594-6100 or go to our website: www.clackamas.edu

Administrative Withdraw

- If you don't attend your class during the first two weeks of the class, instructors **MAY** drop you but **ARE NOT REQUIRED** to do so. This is called administrative withdrawal.
- If an instructor does an administrative withdrawal, you may be granted a full refund of charges for the class.
- An instructor may administratively withdraw you from a course if you are unable to demonstrate fulfillment of the stated class prerequisite or co-requisite requirement.
- If you are utilizing Financial Aid or Veteran's benefits, you may owe a repayment. Please check with these offices for additional information regarding your enrollment status and entitlement to benefits.
- If you are administratively withdrawn from a course, you will be notified by Enrollment Services.

Audit

An audit allows you to attend class without responsibility for a grade. Audit carries no credit, doesn't contribute toward full-time status and does not meet full-time status required for Veterans, Social Security, Financial Aid or athletic eligibility. All other college policies apply including registration, tuition payment, refunds, and attendance. If you decide to change your status from audit to credit or credit to audit, notify your instructor prior to the end of the sixth week of the term.

If you are a financial aid student, please notify the Financial Aid Office if you change from a credit to an audit or receive an audit grade. You may be required to pay back funds. Audit classes do not qualify for financial aid.

Variable Credit

Some courses are eligible for variable credit. These courses are noted in the Schedule of Classes with a "V" in the credit column. This option allows you to pursue an individualized learning program. You must register for the number of credits you expect to earn in that term as determined with your instructor. Changes to variable credit must be processed through registration by the end of the 10th week of the term.

Wait List

Some CCC classes utilize a wait list option. If the class you want to register for is full and it has a wait list:

- Add your name to the wait list via myClackamas or in person.
- When a spot opens up, you will receive an email in your @student.clackamas.edu email. You will have 48 hours to respond to the email.
- To add the class, go to "Manage my wait list" within myClackamas to register.
- You are responsible academically and financially if you no longer want to be in the class and don't drop it.

The following conditions may affect your eligibility for wait list placement:

- Wait list capacity has been met.
- There is a "hold" on your student record that restricts registration.
- There are course restrictions in place such as "instructor consent."
- You are already enrolled in another section of the same course.
- There is a time conflict with the course you have selected.
- You have reached the maximum number of credits allowed (18) without additional authorization.
- Class has already begun.



Student Right to Know and Other Notification Requirements

Clackamas Community College information regarding academic programs, student completion/graduation rates, financial assistance, athletics, institutional financial support, privacy rights (FERPA), campus security, crime statistics and other Student Right to Know items may be obtained by viewing our annual college catalog or by going to www.clackamas.edu. Printed copies of this information may also be obtained by contacting Enrollment Services at 503-594-6074 or registrar@clackamas.edu.

Clackamas Community College is accredited by the Northwest Commission on Colleges and Universities.

Accreditation of an institution of higher education by the Northwest Commission on Colleges and Universities indicates that it meets or exceeds criteria for the assessment of institutional quality evaluated through a peer review process. An accredited college or university is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the Northwest Commission on Colleges and Universities is not partial but applies to the institution as a whole. As such, it is not a guarantee of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding an institution's accredited status by the Northwest Commission on Colleges and Universities should be directed to the administrative staff of the institution. Individuals may also contact:

Northwest Commission on Colleges and Universities
8060 165th Avenue N.E., Suite 100
Redmond, WA 98052
(425) 558-4224
www.nwccu.org

Transportation Options for Students

Clackamas Community College provides a variety of transportation options including a free shuttle, carpooling matching service, and multiple bus options.

The latest information and additional details can be found at www.clackamas.edu/transportation.

CCC XPRESS SHUTTLE

Free shuttle runs between the Oregon City and Harmony campuses and the Clackamas Town Center Transit Center.

CARPOOL MATCHING SERVICE

Find a carpool partner at drivelessconnect.com. Sign up using your @student.clackamas.edu email address. The site is changing to getthereoregon.com on June 1.

PUBLIC TRANSPORTATION

Clackamas Community College is serviced by a number of bus lines. Plan your trip on Google Maps.

BIKE RENTAL PROGRAM

Rent a bike for the term for only \$25! Rentals include a helmet, lock, front and rear lights, fenders, rear rack and discount on repairs.

SAVE MONEY ON YOUR CCC COMMUTE!

NEAR CLACKAMAS TOWN CENTER?

Ride the free CCC Xpress Shuttle.



DRIVE?

Carpool for the chance to win gift cards.



RIDE THE BUS?

Save \$100 on TriMet bus passes. TriMet offers 72% off month pass through Low Income Fare Program.



Learn more at
www.clackamas.edu/transportation

Services for Students

The Student Life & Leadership Office in room 152 of the Community Center offers lots of services to help you. Here's a list. For more information, call 503-594-3040. <http://depts.clackamas.edu/asg>

Book Exchange: Save money on used textbooks. Students can sell/buy books here. The Book Exchange runs during finals week and the first two weeks of the term.

Tours: Explore the campus with a CCC student leader. These are current CCC students whose job is to help students get accustomed to the college. For more information please email campustour@clackamas.edu.

Calculator Rentals: A great alternative to buying an expensive calculator, students may rent a calculator for 24 hours for free. You can also rent a calculator for the entire term for \$20.

Locker Rentals: Backpacks can get heavy with all those textbooks. Rent a locker to store your textbooks and school work.

Childcare and textbook grants: Grants are awarded each term to students who have demonstrated need. Fill out an application in the Student Life & Leadership Office. There is a screening process.

Community Service: Student Government offers a variety of opportunities to get involved in the community. Get involved!

Clubs: Do you have a special interest? Want to meet new people? CCC offers many clubs for students. Find out more in Student Life & Leadership.

Lost & Found: Located in the Student Government office in CC 152.

Fax & Phone: Fax service is available for 50 cents per page for local numbers and \$1 for the first page on long distance numbers. All pages thereafter are 50 cents per page. There is a phone you can use, free of charge, in the Community Center. Please limit calls to three minutes.

Register to Vote: It's simple and fast. Fill out the form in the Student Government office. A Student Government representative will deliver the forms to the county office.

CLACKAMAS YMCA CHILD DEVELOPMENT CENTER

Regular child care is available Monday-Friday, 6:30 a.m.-6:30 p.m. for children ages six weeks to 12 years old.

Pre-enrollment is necessary (no drop-ins). Call 503-657-9795 for rates and availability.



Hours *Summer Term 2019*

All campuses closed July 4 and Sept. 2.

CCC Oregon City Campus

BARLOW HALL

ITS – Information Technology Services

June 24-Sept. 7 M-Th 7:30 a.m.-5 p.m.

BILL BROD COMMUNITY CENTER

Academic Advising & Career Services

June 17-20 M-F 8 a.m.-4:30 p.m.
 June 24-Aug 30 MTTh 8 a.m.-4:30 p.m.
 W 10 a.m.-4:30 p.m.
 Sept 3-27 MTThF 8 a.m.-4:30 p.m.
 W 10 a.m.-4:30 p.m.

Counseling Services

June 25-Sept 4 T-W 10 a.m.-4 p.m.

Disability Resource Center

June 17-21 M-F 8 a.m.-5 p.m.
 June 24-Aug 30 M-Th 8 a.m.-5 p.m.
 Sept 3-27 M-F 8 a.m.-5 p.m.

Graduation Services– Evaluation/External Transcripts

June 17-21 M-F 10 a.m.-5 p.m.
 June 24-Aug 30 M-Th 10 a.m.-5 p.m.
 Sept 3-27 M-F 10 a.m.-5 p.m.

Student Life & Leadership

June 24-Sept 6 M-Th 8 a.m.-5 p.m.

Veterans Education and Training Center

June 17-21 M-F 8 a.m.-5 p.m.
 June 24-Aug 30 M-Th 8 a.m.-5 p.m.
 Sept 3-27 M-F 8 a.m.-5 p.m.

DYE LEARNING CENTER

Academic Computing Lab

June 24-Aug 15 M-Th 7:30 a.m.-4 p.m.

Library

Hours posted online: libguides.clackamas.edu/hours

June 24-Sept. 7 M-Th 8 a.m.-4 p.m.
 F CLOSED
 Sat CLOSED
 Su CLOSED

Writing Center, Math Lab and Other Tutoring Services

See posted hours on web, www.clackamas.edu/Tutoring/

Moodle Help (Cougar Connect Desk)

June 24-Aug 5 M-Th 7:30 a.m.-4 p.m.

FAMILY RESOURCE CENTER

Workforce Development Services

M-F 8 a.m.-5 p.m.

McLOUGHLIN HALL

Bookstore

June 19-22 M-F 8 a.m.-4:30 p.m.
 S 9 a.m.-2 p.m.
 June 24-28 M-Th 8 a.m.-6 p.m.
 F CLOSED
 July 1-5 M-W 8 a.m.-4:30 p.m.
 Th-F Closed
 July 8-Aug. 30 See posted hours online
<https://clackamas.bncollege.com>

RANDALL HALL

Fitness Center

(Hours vary, please check door for posted hours)

ROGER ROOK HALL

Enrollment Services

June 24-Sept. 6 M-Th 8 a.m.-5 p.m.
 Sept. 9-27 M-F 8 a.m.-5 p.m.

Financial Aid Resource Lab

June 24-Sept. 27 M-TH 10 a.m.-1 p.m.
 1:30 p.m.-3 pm

Financial Aid & Scholarships

June 24-Sept. 6 M-Th 8 a.m.-4 p.m.
 Sept. 9-27 M-F 8 a.m.-4 p.m.

Testing & Assessment Center

(Call 503-594-3283 for specific test times)

STREETER HALL

Open Computing Lab

Closed for summer term.

WHERE TO FIND FOOD

Cafeteria: Cougar Café, Community Center, hours to be announced. In addition to beverages and snacks, a grab & go case is available with a variety of house-made salads, sandwiches, pastries, and snack packs. We offer a full assortment of specialty coffee beverages featuring locally roasted beans from Caffe Vita Coffee Roasters. Hot breakfast is available each day until 10 a.m. Fruit smoothies, milkshakes and blended drinks are also available. Hot lunch offerings are available from 10 a.m. until closing in addition to built-to-order sandwiches, wraps

and rice bowls. Additional information and menus are available online at http://www.triohosp.com/cc/cougar_cafe.

ASG, CC152, snacks

Bookstore, McLoughlin Hall, has a wide variety of food and beverage choices, including coffee and convenience food. A microwave is available in store to heat food.

Snacks are available in **vending machines** in various locations.

CCC BOOKSTORES

Oregon City campus – in McLoughlin Hall, ground floor
503-594-6500

Harmony campus – Harmony West Building, lobby
503-594-0647

Online at <http://clackamas.bncollege.com>

IN-STORE CUSTOMERS

Payment types:

- Cash
- Debit / credit (VISA, MasterCard, Discover, American Express)
- Personal or parent/guardian checks (local, imprinted checks only! Student ID and ODL required. Max \$5 cash back.)

Please note: *Purchases made by check require 14 days before a cash refund can be issued. Store credit issued in the interim.*

ONLINE ORDERS can be shipped out (for a fee) or held for customer pick-up. Credit card payment required at time of order. E-mail notifications will be sent when order is shipped or is ready to be picked up.

Spring 2019 dates to remember:

Textbook sales begin online and in-store – June 13

Last day for textbook refunds – June 27

End of term textbook buyback – Oregon City Campus, daily 8:30-4 p.m.

Rental books due back – August 29

Bookstores closed for Holiday – July 4, Sept. 2

For campus maps, store hours, shipping costs, refund/returns policies and ordering details see <http://clackamas.bncollege.com>, or call the bookstore at 503-594-6500. We will be happy to answer your questions personally!

Low-Cost Texts

Low-cost text (LCT) course sections use textbooks and/or other course materials that have a minimal cost. The total cost of textbooks and/or materials* in every low-cost course will be less than \$40. Identify CCC's low-cost courses by looking for the **LCT** icon.

**Included in the cost calculations are: required textbooks and other text-based materials, workbooks, lab manuals, online homework software (e.g. mymathlab), and codes or publisher-provided curricular materials for students. Printing costs are not included, unless a printed version is required for the course. Excluded from the cost calculations are: art supplies, calculators, software, course and student fees or equipment, and optional costs.*

DISCLAIMER: Clackamas Community College makes every effort that the low-cost sections identified in this printed schedule are accurate at the time of publication. However, review the online schedule or contact the course instructor for the most up-to-date information on textbook and material costs.



Cougar Alert!

COLLEGE CLOSURE INFORMATION

ANNOUNCEMENTS

In the event of hazardous weather or other emergencies, the following will carry school schedule changes and college closure information:

- Clackamas website, www.clackamas.edu
- Local radio and television broadcasts and websites
- Recorded phone message on the college's main number: 503-594-6000
- Facebook, [Facebook.com/ClackamasCommCollege](https://www.facebook.com/ClackamasCommCollege)
- Twitter, @ClackCollege

COLLEGE CLOSURE LOCATIONS

In the event that the college is closed due to adverse weather conditions, all college campuses and centers will close. In the event of a non-weather related emergency closure (e.g., loss of electricity), only the affected campus will close.

COLLEGE CLOSURE TIMES

Emergency closures due to hazardous weather or other emergencies:

Day Closure – Offices are closed and classes are canceled unless exceptions are announced. Shuttle service is also canceled.

Late Opening – The college will open at 10 a.m. All classes, events and activities on all CCC campuses are canceled until 10 a.m. If a class is scheduled to be in progress at 10 a.m., arrive at 10 a.m. Shuttle services will begin at 8:45 a.m.

Early Closure – All classes, activities and events starting at or after 4 p.m. will be canceled on all campuses. Campuses will remain open until 5 p.m. Shuttles will not run after 5 p.m.

CLOSURES DURING FINALS WEEK

One day closure during finals week:

Monday, Tuesday and/or Wednesday daytime finals will be rescheduled for Thursday during the same time period as originally scheduled.

Second day closure during finals week:

Finals will be rescheduled for Friday during the same time period as originally scheduled.

Evening closure during finals week:

Finals will be rescheduled for Friday evening during the same time period as originally scheduled.

Note: These are general guidelines. Exceptions may occur.

EMERGENCY NOTIFICATIONS

CCC students are automatically enrolled in Clackamas Community College's phone, text message and email emergency notification system – Rave Alert.

The Rave Alert system will NOT charge fees, however standard or other messaging charges apply depending on wireless carrier plan and subscription details.

Faculty Advisors

**Undecided or need more information
about your program of study?**
Faculty advisors have the answers.

PROGRAM	ADVISOR	PHONE	ROOM	EMAIL
Accounting	Joan San-Claire	503-594-3013	S124	joan.san-claire@clackamas.edu
Administrative Assistant/Professional	Beverly Forney	503-594-3115	S129	beverlyf@clackamas.edu
Adult High School Diploma	Patrick Smida	503-594-3028	D129	patrick@clackamas.edu
Anthropology	Robert Keeler	503-594-3409	M210	robertk@clackamas.edu
Apprenticeship	Katelyn Karch	503-594-6201	T128	kkarch@clackamas.edu
Arboriculture	April Chastain	503-594-3055	C125	april.chastain@clackamas.edu
Art	Nora Brodnicki	503-594-3036	AC106	norab@clackamas.edu
Automotive	David Bradley	503-594-3051	B263	bradleyd@clackamas.edu
Business Administration	Sharon Parker	503-594-3075	S123	sharonp@clackamas.edu
Career Technical Education Instruction	Laurette Scott	503-594-3840	F108a	laurette@clackamas.edu
Clinical Lab Assistant	Marilyn Braught	503-594-0634	H350	marilyn.braught@clackamas.edu
Communications/Speech	Kelly Brennan	503-594-3154	N139	kellyb@clackamas.edu
Computer Science: Transfer	Rich Albers	503-594-3166	S126	richa@clackamas.edu
Computer Science: Application Support & Web Design	Debra Carino	503-594-3170	S125	dcarino@clackamas.edu
Computer Science: Network Administration	Rick Carino	503-594-3167	S179	rcarino@clackamas.edu
Computer Science: Transfer	Jen Miller	503-594-3138	S127	jen.miller@clackamas.edu
Criminal Justice/Corrections	Ida Flippo	503-594-3363	HW315	iflippo@clackamas.edu
Customized Training & Development Services	Staff	503-594-3200	DJ210	training@clackamas.edu
Dental Assistant	Maria Corona	503-594-0693	H379	mariac@clackamas.edu
Digital Media Communications	Nora Brodnicki	503-594-3034	AC106	norab@clackamas.edu
Early Childhood Education	Dawn Hendricks	503-594-6158	F108b	dawn.hendricks@clackamas.edu
Economics	Adela Arguello	503-594-6591	M215	adela.arguello@clackamas.edu
Education	Laurette Scott	503-594-3840	F108a	laurette@clackamas.edu
Electronics and Microelectronics	Mike Mattson	503-594-3322	B267	mattsonm@clackamas.edu
Emergency Management	Jeff Ennenga	503-594-3539	T110	jeff.ennenga@clackamas.edu
Emergency Medical Technology	Tana Sawzak	503-594-6025	H382	tanasa@clackamas.edu
Engineering	Eric Lee	503-594-6163	P124e	elee@clackamas.edu
Engineering	Matt LaForce	503-594-3148	P124g	laforce@clackamas.edu
English	Carol Burnell	503-594-3256	RR237	carolb@clackamas.edu
English as a Second Language	Suzanne Munro	503-594-3236	D147	munros@clackamas.edu
Environmental Safety and Health	Mike Mattson	503-594-3322	B267	mattsonm@clackamas.edu
Fire Science	Jeff Ennenga	503-594-3539	T110	jeff.ennenga@clackamas.edu
GED/ABE	Patrick Smida	503-594-3028	D129	patrick@clackamas.edu
Geography	Robert Keeler	503-594-3409	M210	robertk@clackamas.edu
Gerontology	Yvonne Smith	503-594-3207	HW315	yvonne@clackamas.edu
GIS	Jeff Ennenga	503-594-3539	T110	jeff.ennenga@clackamas.edu
History	Patricia McFarland	503-594-3411	M219	patmc@clackamas.edu
Horticulture	April Chastain	503-594-3055	C125	april.chastain@clackamas.edu
Human Resource Management	Michael Moiso	503-594-3770	S128	mmoiso@clackamas.edu
Human Services	Yvonne Smith	503-594-3207	F108c	yvonne@clackamas.edu
Humanities	Adela Arguello	503-594-6591	M215	adela.arguello@clackamas.edu
Humanities	Carol Burnell	503-594-3256	RR237	carolb@clackamas.edu
Journalism	Melissa Jones	503-594-3261	RR132	melissaj@clackamas.edu
Landscape	April Chastain	503-594-3055	C125	april.chastain@clackamas.edu
Management	Sharon Parker	503-594-3075	S123	sharonp@clackamas.edu
Manufacturing Technology	Mike Mattson	503-594-3322	B267	mattsonm@clackamas.edu
Marketing	Beverly Forney	503-504-3115	S129	beverlyf@clackamas.edu
Math	Mark Yannotta	503-594-3335	S119	marky@clackamas.edu
Medical Assistant	Karen Maynard	503-594-0695	H381	kmaynard@clackamas.edu
Music	Lars Campbell	503-594-3384	N129b	lars.campbell@clackamas.edu
Music Technology	Brian Rose	503-594-3340	N131	brianr@clackamas.edu
Nursing	Carol Dodson	503-594-0654	H280	carold@clackamas.edu
Organic Farming	April Chastain	503-594-3055	C125	april.chastain@clackamas.edu
Paraeducator	Laurette Scott	503-594-3840	F108a	laurette@clackamas.edu
Philosophy	Adela Arguello	503-594-6591	M215	adela.arguello@clackamas.edu
Physical Education/Health	Jim Martineau	503-594-3271	R101c	jmartineau@clackamas.edu
Political Science	Robert Keeler	503-594-3409	M210	robertk@clackamas.edu
Pre-Professional (medical, dental, pharmacy)	Eden Francis	503-594-3352	P124k	edenf@clackamas.edu
Project Management	Frank Corona	503-594-6498	S130	francisco.corona@clackamas.edu
Psychology	Adela Arguello	503-594-6591	M215	adela.arguello@clackamas.edu
Religion	Adela Arguello	503-594-6591	M215	adela.arguello@clackamas.edu
Reading/Study Skills	Lisa Nielson	503-594-3401	D144	lisan@clackamas.edu
Renewable Energy	Mike Mattson	503-594-3322	B267	mattsonm@clackamas.edu
Retail Management	Thomas Frank	503-594-3660	S139b	thomasf@clackamas.edu
Science	Sarah Hoover	503-594-3354	P124m	sarahh@clackamas.edu
Skills Development	A.J. Smith	503-594-0688	D143	aj.smith@clackamas.edu
Small Business Development Center	Rob Campbell	503-594-0733	HW160E	bizcenter@clackamas.edu
Social Science	Adela Arguello	503-594-6591	M215	adela.arguello@clackamas.edu
Sociology	Erich Pfeifer	503-594-3802	M225	erichp@clackamas.edu
Theatre Arts	James Eikrem	503-594-3157	N152	jamese@clackamas.edu
Undecided Major of Study	Student Support Services	503-594-3475	CC	advising@clackamas.edu
Unmanned System Program	Jeff Ennenga	503-594-3539	T110	jeff.ennenga@clackamas.edu
Water & Environmental Technology	Matt LaForce	503-594-3148	P124g	LaForce@clackamas.edu
Water & Environmental Technology	Jim Nurmi	503-594-3813	P124b	jamesn@clackamas.edu
Welding	Mike Mattson	503-594-3322	B267	mattsonm@clackamas.edu
Women's Studies	Kjirsten Severson	503-594-3842	M211	kjirsten@clackamas.edu
World Languages	Irma Bjerre	503-594-3245	M243	irmab@clackamas.edu

Where to Call

BLDG.*	DEPARTMENT/OFFICE	PHONE
ABE/GED		
D	Oregon City.....	503-594-3028
H	Harmony.....	503-594-0633
D	Adult High School Diploma – Oregon City.....	503-594-3028

Academic Advising

CC	Oregon City.....	503-594-3475
H	Harmony.....	503-594-0623
W	Wilsonville.....	503-594-0959

Bookstore

M	Bookstore—Oregon City.....	503-594-6500
H	Bookstore—Harmony.....	503-594-0647

Testing/Assessment Center

RR	Oregon City.....	503-594-3283
H	Harmony.....	503-594-0636
W	Wilsonville.....	503-594-0940

RR	Account Receivable.....	503-594-6068
RR	Admissions & Recruitment/Welcome Center.....	503-594-3284
CC	Advanced College Credit.....	503-594-3499
T	Apprenticeship.....	503-594-3031
C	Arboriculture.....	503-594-3292
AC	Art.....	503-594-3034
R	Athletics.....	503-594-3043
B	Automotive.....	503-594-3047
S	Business.....	503-594-3071
HW	Business Development Center.....	503-594-0738
B	Business Office.....	503-594-3085
CC	Cafeteria.....	503-594-6091
M	College Safety Office.....	503-594-6650
RR	Campus Tours.....	503-594-6249
CC	Career Center.....	503-594-6001
I	Career Technical Education.....	503-594-3441
F	Child Care Center.....	503-657-9795
	Child Care Info & Referral.....	503-253-5000
RR	The Clackamas Print Newspaper.....	503-594-3261
N	Communication Studies.....	503-594-6489
H	Community Education.....	503-594-0627
	Community Garden.....	503-594-3040
D	Computer Lab (Academic).....	503-594-6632
S	Computer Lab (Open).....	503-594-6632
S	Computer Science.....	503-594-3071
CC	Cooperative Work Experience.....	503-594-3511
D	Cougar Connect Desk.....	503-594-6632
CC	Counseling.....	503-594-3176
HW	Criminal Justice/Corrections.....	503-594-3203
C	Customized Training & Development.....	503-594-3200
AC	Digital Media Communications.....	503-594-3034
CC	Disability Resource Center.....	503-594-6357
M	Distance Learning.....	503-594-6310
F	Education and Early Childhood Education.....	503-594-3203
I	Electronics & Microelectronics.....	503-594-3318
T	Emergency Management.....	503-594-3539
P	Engineering.....	503-594-3345
RR	English.....	503-594-3254
D	English as a Second Language.....	503-594-3234
RR	Enrollment Services.....	503-594-6100
ELC	Environmental Learning Center.....	503-594-3015
B	Environmental Safety & Health.....	503-594-3322
G	Facility Scheduling-Oregon City.....	503-594-3308
H	Facility Scheduling-Harmony.....	503-594-0620
W	Facility Scheduling-Wilsonville.....	503-594-0970
RR	Financial Aid Office.....	503-594-6082

CCC'S MAIN PHONE NUMBER IS 503-594-6000.

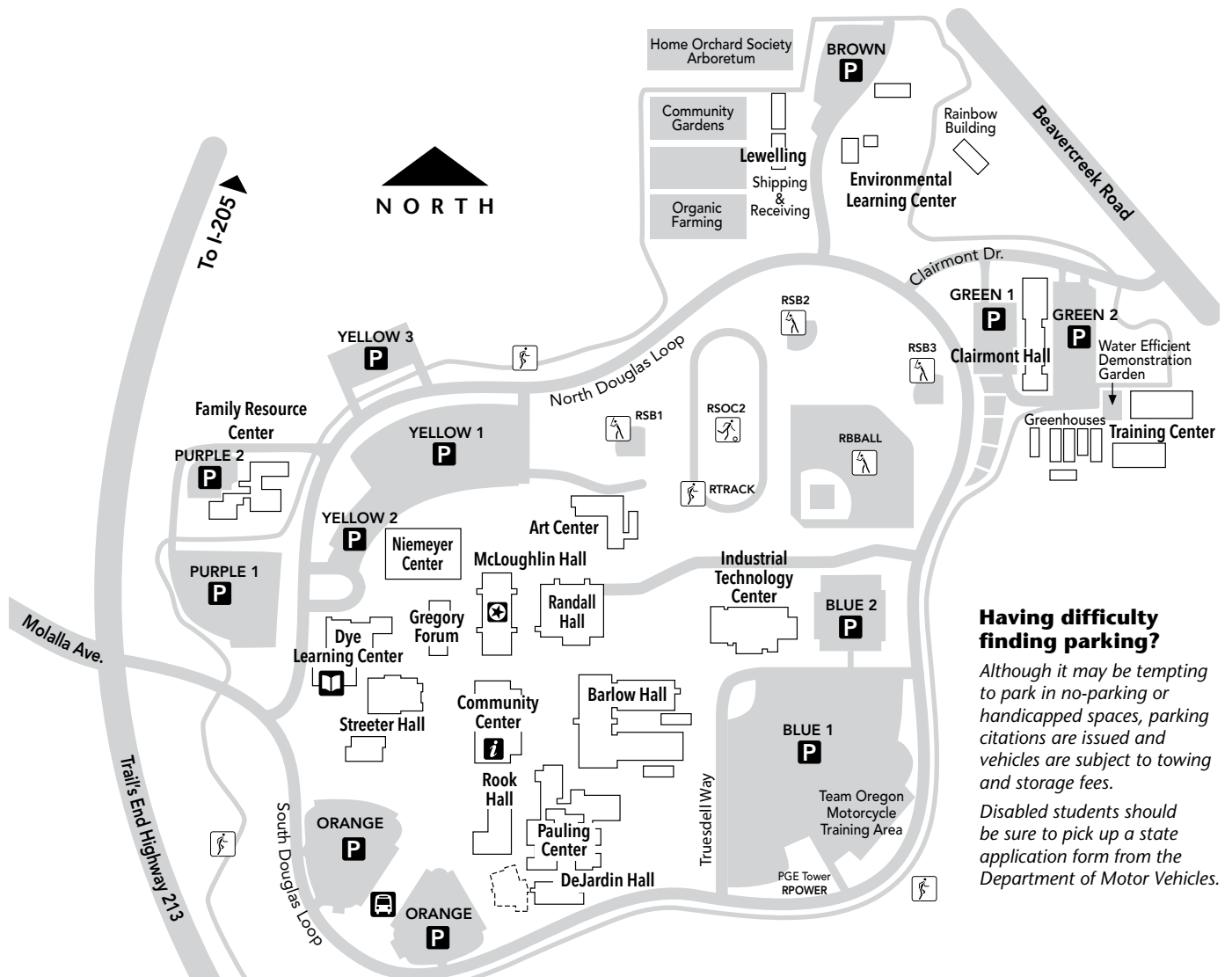
BLDG.*	DEPARTMENT/OFFICE	PHONE
T	Fire Science (Wildland Fire).....	503-594-3539
HW	Gerontology.....	503-594-3203
T	GIS.....	503-594-3539
CC	Graduation Services.....	503-594-6651
R	Gym.....	503-594-3043
H	Harmony Campus Registration/Information.....	503-594-0620
H	Health Sciences.....	503-594-0650
CC	High School Partnerships.....	503-594-3208
C	Horticulture.....	503-594-3292
B	Human Resources/Employment Opportunity.....	503-594-3458
F	Human Services.....	503-594-3203
B	Instructional Media Services.....	503-594-3500
C	Landscape.....	503-594-3292
D	Learning Center.....	503-594-6191
D	Library - Circulation.....	503-594-6323
D	Library - Reference.....	503-594-6042
CC	Life & Career Options.....	503-594-3176
I	Manufacturing Technology.....	503-594-3318
S	Math.....	503-594-3395
D	Moodle Help.....	503-594-6632
N	Music.....	503-594-3337
H	Nursing.....	503-594-0650
P	Pauling Center Gallery.....	503-594-3034
R	Physical Education.....	503-594-3043
B	President's Office.....	503-594-3002
RR	Registration and Records.....	503-594-6100
I	Renewable Energy Technology.....	503-594-3318
RR	Scholarship Office.....	503-594-6082
P	Science.....	503-594-3345
D	Skills Development.....	503-594-3233
M	Social Science.....	503-594-3403
CC	Student Government.....	503-594-3040
CC	Student Life & Leadership.....	503-594-3040
CC	Student Support Services.....	503-594-3475
N	Theater/Performing Arts.....	503-594-3153
D	Tutoring Services.....	503-594-6191
C	Organic Farming.....	503-594-3292
CC	Veterans Educational Benefits.....	503-594-3438
CC	Veterans Education & Training Center.....	503-594-3438
B	Vice President, College Services.....	503-594-3010
B	Vice President, Instructional & Student Services.....	503-594-3020
P	Water & Environmental Technology.....	503-594-3345
T	Welding.....	503-594-3318
W	Wilsonville Registration/Information.....	503-594-0940
F	Workforce Development Services.....	503-594-6246
M	World Languages (formerly Foreign Languages).....	503-594-3403
D	Writing Center.....	503-594-6275

College Safety

In an emergency or life-threatening situation, dial **911** from any phone.
College Safety Office, ext. **6234** or **6650**
or call **971-563-0101**.

* Find building code key on campus map page.

Campus Map



Having difficulty finding parking?

Although it may be tempting to park in no-parking or handicapped spaces, parking citations are issued and vehicles are subject to towing and storage fees.

Disabled students should be sure to pick up a state application form from the Department of Motor Vehicles.

CODE BUILDING NAME

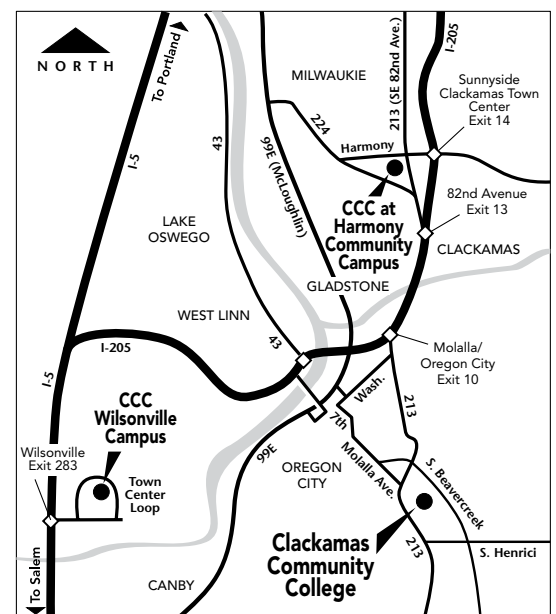
AC	Art Center
B	Barlow Hall
C	Clairmont Hall
CC	Community Center
D	Dye Learning Center
DJ	DeJardin Hall
ELC	Environmental Learning Center
F	Family Resource Center
G	Gregory Forum
H	Harmony East
HW	Harmony West
I	Industrial Technology Center
M	McLoughlin Hall
N	Niemeyer Center
P	Pauling Center
R	Randall Hall
RR	Rook Hall
S	Streeter Hall
T	Training Center
W	CCC Wilsonville Campus

CCC CAMPUS SITES

CCC Oregon City	19600 Molalla Ave. Oregon City, OR 97045
CCC at Harmony Community Campus	7738 SE Harmony Road Milwaukie, OR 97222
CCC Wilsonville Campus	29353 SW Town Center Loop E Wilsonville, OR 97070

CCC OFF-CAMPUS SITES

Canby Applied Technology Center	721 SW Fourth St., Canby, OR 97013
Estacada High School	355 NE Sixth, Estacada, OR 97023
Molalla Center (behind Molalla Public Library)	201 E. Fifth, Molalla, OR 97308

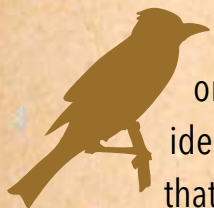


ENVIRONMENTAL LEARNING CENTER *SUMMER CAMPS*

ALL DAY, 4-DAY CAMPS • VARIOUS DATES JUNE-AUGUST

Grow your child's love of nature
at one of several summer camps
through CCC's Environ-
mental Learning Center!

Campers in **grades
1-5** will enjoy a variety
of fun activities including



exploring our
on-site wetland,
identifying the critters
that live here, learning to
be a good steward of the environment,
making crafts and playing games. After
participating in all four days of camp,
kids will be registered as an **ELC Nature**



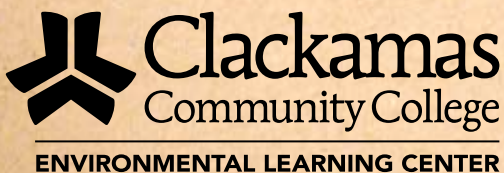
Spy, and receive an official
membership packet!



And our camp **for teens
in grades 6-8** will explore
our wetland, do hands-
on environmental lab
activities, engage with
college faculty, and visit
college classrooms. The
week culminates with each
teen creating their own, personal
digital story (video production),
using photos that were taken
throughout the week!



Before and after care available, too!



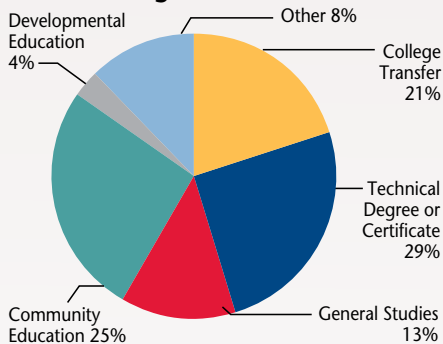
4-day camp fees range \$215-\$245.
For detailed dates/times and age
groups, visit www.clackamas.edu/kids
or call (503) 594-3015.

Enrollment and Student Demographics

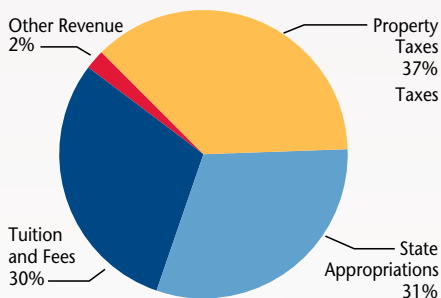
2017-2018 Enrollment Statistics

Headcount	25,445
Fall full-time students	2,584
Fall part-time students	6,403
Fall non-credit students	4,622
Full-time equivalence	6,616
Average age, all students	31
Average age, full-time students	23
Known females	10,289 (49%)
Known males	10,490 (51.5%)
Racial/ethnic known minorities in students body	18%
Degrees/certificates awarded	1,397

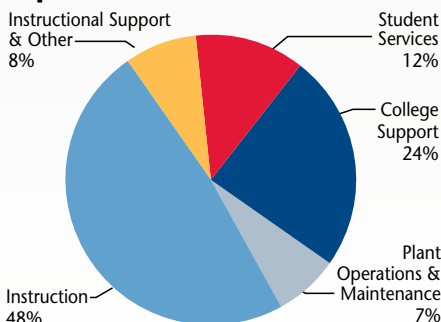
Enrollment Breakdown by Student Program 2017-2018



Revenue - General Fund



Expenditures - General Fund



CCC dollars and sense

Attending Clackamas Community College is a wise investment. It will not only save you money in the short term, but you will earn more money in the future.

Savings

- **Tuition:** Annual tuition at CCC is just \$4,944, compared to \$11,329 at public universities and \$35,195 for private universities.
- **Scholarships:** CCC offers +\$500,000 in scholarships each year.
- **Financial aid:** Our Financial Aid Lab will help you find the funding you need to pay for college, including grants, scholarships, internships and loans.

Income potential

Median weekly earnings by education attainment for workers ages 25 and older, 2017

Source: U.S. Department of Labor, Bureau of Labor Statistics, "Career Outlook: Measuring the Value of Education", April 2018



Now is the time to invest in yourself and your future. Learn how to get started at www.clackamas.edu/getting-started.

Cougars wrestlers tops in nation

Clackamas wrestling is known throughout the Northwest and from coast to coast for producing high-caliber wrestlers and students. On March 2, the Clackamas Community College wrestling team won the National Junior College Athletic Association (NJCAA) National Championship. This is the third national championship CCC has won.

The Cougars qualified wrestlers in all 10 weight classes to compete in the tournament. They put on an impressive performance winning with a school record nine All-Americans, including two national champions, two national runners

up, two third placers, two fifth placers and a seventh placer.

"This is a special group of young men who believed in a mission and knew their purpose. It is not very often that you get to work with guys who buy in, believe in what they are doing and achieve a common goal the way these guys did," Wrestling Coach Josh Rhoden said.

Clackamas Community College also set a new national scoring record with 176.5 points and a 24.5-point margin of victory. Rhoden and his staff were awarded the title National Coach of the Year for their efforts.

In the last 13 years, the wrestling program has a dual meet record of 141-35-2 and produced 77 All-Americans, 24 National Finalists, 11 National Champions, as well as earned 92 Academic All-Americans. The Cougars have won six National Dual Meet Championships, including winning an NJCAA record five straight championships from 2014 to 2018.

Cougar wrestlers are bound by a tradition of excellence and hard work. It is this commitment that allows the team to be a contender year in and year out at national championships.



Photo: Front row (from left) Assistant Coach Daniel Leonard, Associate Head Coach Brett Sanchez, Jason Shaner, Tommy Mommer, Marty Margolis, Mason McDaniel, Assistant Coach Rich Vigorito and Josh Rhoden. Back row (from left) Joel Romero, Athletic Trainer Kevin Arizo, Zeth Brower, Joey Daniel, Elijah Ozuna, Trajan Hurd and Trevor Senn.

*****ECRWSS*****

Postal Customer

Spend your summer at CCC

Spend some time at Clackamas Community College this summer and check out what the college offers. With three locations to serve you, we have something for everyone.

Come stroll around the 165-acre Oregon City campus and enjoy the shade in one of the college's numerous gardens. Or take a break out of your day and experience the newly restored wetlands at CCC's Environmental Learning Center.

On the Harmony Community Campus, you can get help with making your business idea a reality at the Small Business Development Center. Need space for a special event? The Harmony Community Campus has a large community room.

At CCC's Wilsonville campus, you can get prepared for jobs in the utility and energy management industry, or work toward your transfer degree, while enjoying the work of local artists in the Wilsonville Community Art Gallery.

For these reasons and many more, at Clackamas Community College, you can go far close to home.



PLEASE RECYCLE

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Message to Clackamas Community College district residents:

Clackamas mails this schedule four times per year to tell you about class offerings, workshops available in your community, special events at the college and college news of interest to all citizens and taxpayers. It's printed for about 23 cents per schedule, using the most cost-effective means of distribution, and can be recycled with your newspapers. We're unable to remove individuals from our distribution route and hope you'll find this informative, even if you're not currently considering a class.