

# GOAL STATEMENT

## **Construction Technology**

Thomas Jefferson High School

The Construction Technology course gives the students an opportunity to explore basic home maintenance. Students will develop an understanding of residential electricity, plumbing, framing, roofing, and finish carpentry through hands-on activities. Students will also study current trends in construction technology through research activities.

During the course the student will:

1. Apply advanced tools and machines to solve complex problems.
2. Analyze physical technologies including structural design and engineering to solve real-world problems.
3. Apply resources and ingenuity to solve specific societal needs.
4. Apply appropriate instruments to examine a variety of objects and processes.