



# GLENCOE HIGH SCHOOL ENGINEERING

**INSTRUCTOR:**

**SCOTT JACKSON**

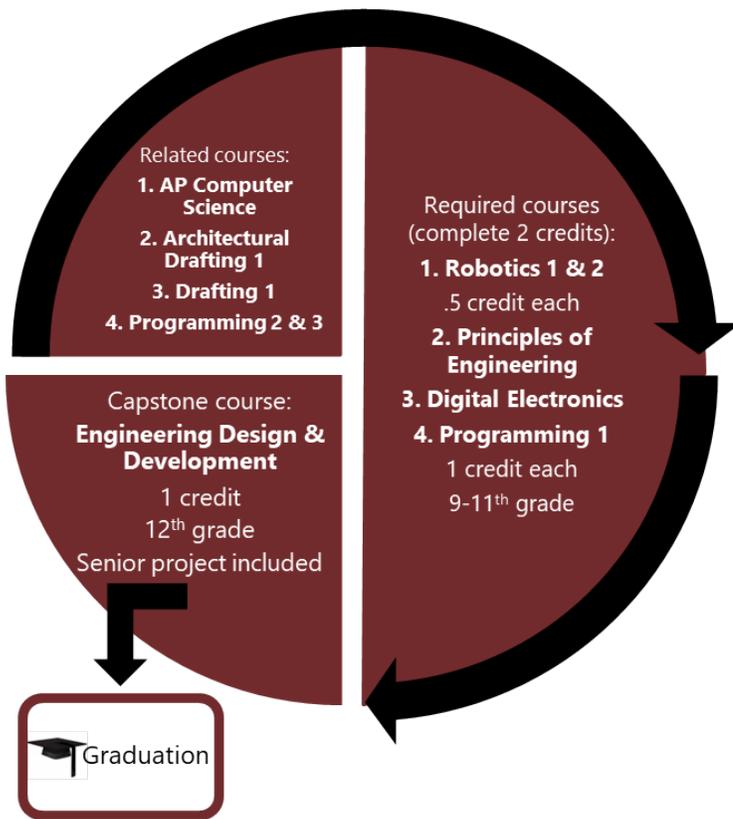
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## For students interested in:

- Engineering design
- Computers
- Architecture
- Construction

## SEQUENCE OF COURSES

*Please refer to HSD course catalog for more information*



## PATHWAY TEACHES

### STUDENTS TO:

- Apply theories and principles of science and math
- Design, plan & supervise
- Organize and interpret scientific data
- Produce and analyze designs on computer
- Conduct and explain scientific research
- Problem-solve
- Communicate effectively
- Work in testing production or maintenance

## CAREER POSSIBILITIES & SALARY RANGES

• Engineers (many specialties)	\$64,022 - \$99,736
• Engineering Technician	\$51,397 - \$70,387
• Computer Scientist	\$80,517 - \$125,008
• Pilot	\$53,879 - \$154,115
• Architect	\$53,965 - \$80,232
• Educator	\$49,752 - \$83,291
• Surveyor	\$51,251 - \$82,014

## SOME LOCAL COLLEGES & MAJORS

- **PCC**- Associate of Applied Science: Civil Engineering Tech, Electrical Engineering Tech, Mechanical Engineering Tech or Microelectronics Technology
- **PSU, OIT or OSU**- Bachelors of Science: Computer Science or Engineering (All fields)
- **U of P**- Bachelors of Science: Engineering (All fields)
- **U of O**- Bachelors of Science: Computer Engineering, Computer Science or Product Design

## POTENTIAL LOCAL EMPLOYERS

- Intel
- Tektronix
- Applied Materials
- Qorvo
- Epson
- Nike
- Daimler
- Armed Forces

## CLUBS & PROFESSIONAL ORGANIZATIONS:

- **FIRST Robotics Team Shockwave**

*To learn more about career and college opportunities, make an appointment with your counselor 503-844-1900 ext. 3504*