



GLENCOE HIGH SCHOOL ENGINEERING

INSTRUCTOR:

SCOTT JACKSON

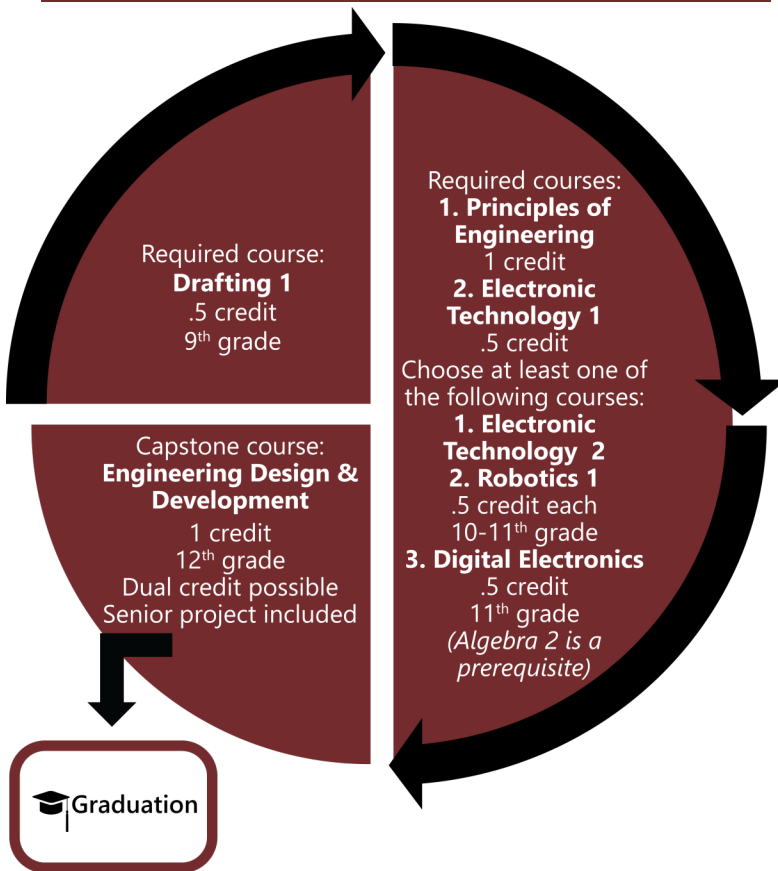
jacksons@hsd.k12.or.us

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)	\$70,387 - \$163,280
• Engineering Tech	\$51,397 - \$70,387
• Computer Scientist	\$80,517 - \$125,008
• Commercial Pilot	\$40,000 - \$247,000
• Architect	\$63,939 - \$130,312
• CTE Educator	\$39,998 - \$168,834
• Surveyor	\$38,875 - \$106,891

**Salary ranges shown are from the 10th to 90th percentile*

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