

HILLSBORO HIGH SCHOOL ELECTRONICS & ENGINEERING

INSTRUCTOR:

WAYNE CLIFT

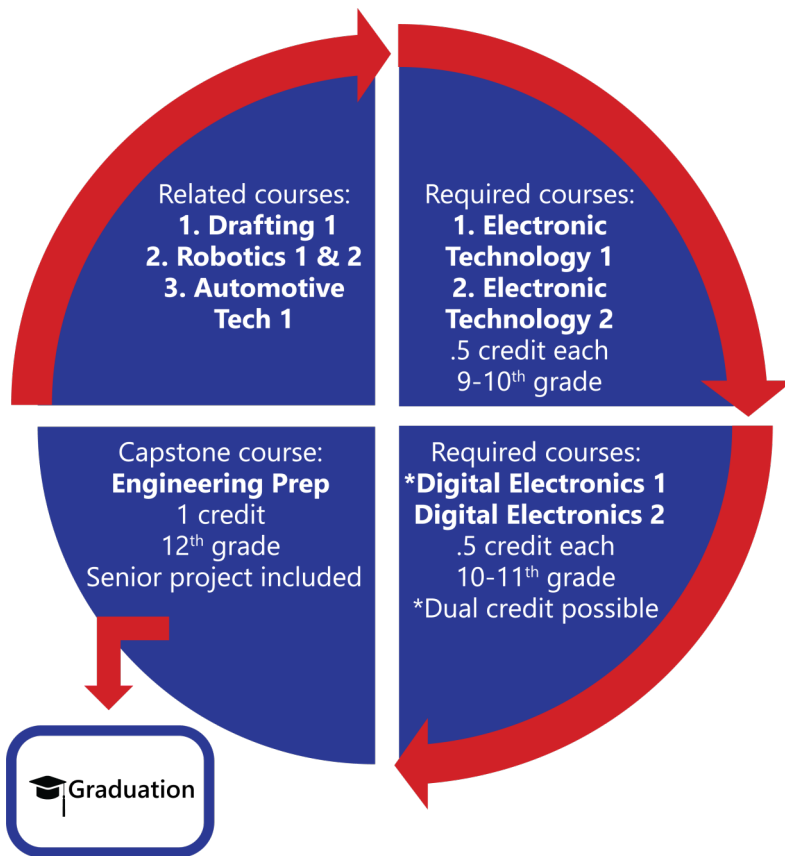
cliftw@hsd.k12.or.us

For students interested in:

- Electronics
- Computers
- Machines
- Production
- Manufacturing

SEQUENCE OF COURSES

Please refer to HSD course catalog for more information



PATHWAY TEACHES

STUDENTS TO:

- Measure electrical circuit voltage, current, resistance & power
- Analyze, design, build & test basic circuits
- Read & interpret circuit diagrams
- Design, build & debug digital logic circuits
- Use industrial electronics tools to analyze & build circuits
- Problem-solve, communicate & work as a team

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**- Bachelors of Science: Computer Engineering, Computer Science or Engineering (All fields)
- **OSU**- Bachelors of Science: Computer Science or Engineering (All fields)

POTENTIAL LOCAL EMPLOYERS

- **Applied Materials**
- **Jireh Semiconductor**
- **CoorsTek**
- **Acumed**
- **Tososh Quartz**
- **Davis Tool**
- **Epson**
- **Qorvo**
- **MetaFab**
- **Phoseon**
- **ASM**
- **Axiom**
- **Intel**
- **RD Plastics**

To learn more about career and college opportunities, make an appointment with your counselor 503-844-1988