

# HILLSBORO HIGH SCHOOL ELECTRONICS & ENGINEERING

**INSTRUCTOR:**

**WAYNE CLIFT**

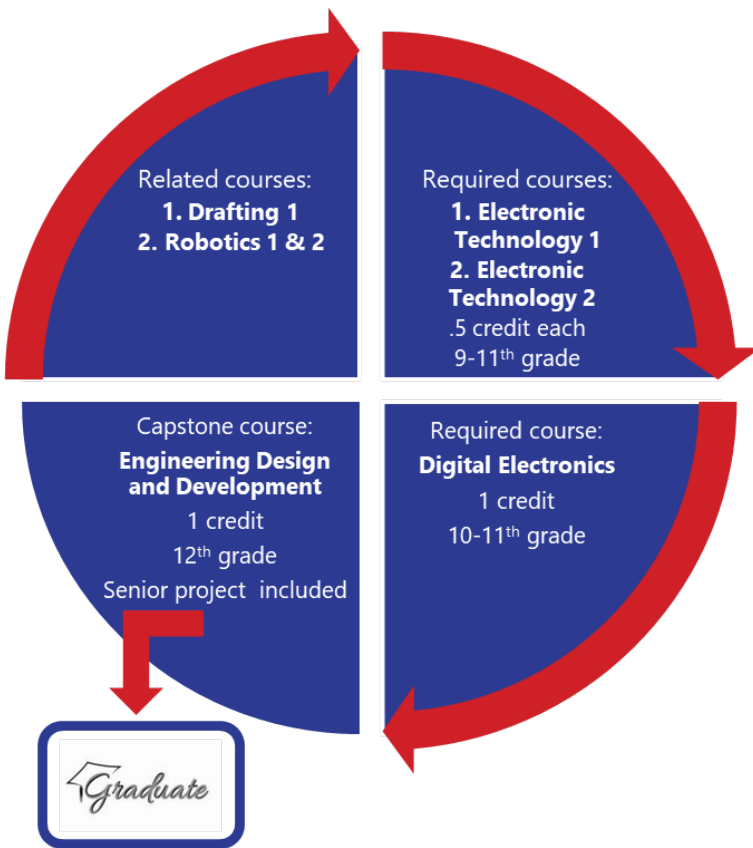
**cliftw@hsd.k12.or.us**

## 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:

- Create solutions to real-world problems
- 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 both individually and as a team
- Communicate effectively
- Work in testing production or maintenance

## CAREER POSSIBILITIES & SALARY RANGES

• Engineers (many specialties)	\$64,022 - \$99,736
• Engineering Tech	\$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**- Bachelors of Science: Computer Engineering, Computer Science or Engineering (All fields)
- **OSU**- Bachelors of Science: Computer Science or Engineering (All fields)

## POTENTIAL LOCAL EMPLOYERS

- **Intel**
- **City of Hillsboro**
- **Washington County Facilities**
- **Solarworld**
- **Maxim**
- **Thermo Fisher Scientific**
- **Siltronic**
- **Mentor Graphics**
- **Hewlett Packard**

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