

HILLSBORO HIGH SCHOOL DRAFTING

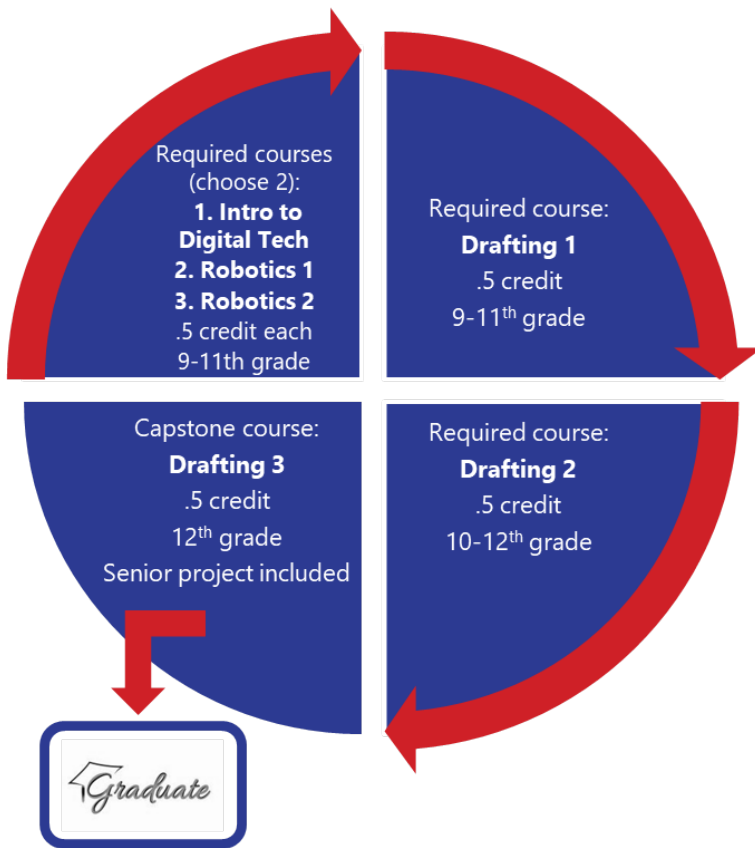
INSTRUCTORS:
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For students interested in:

- Engineering
- Architecture
- 3D printing
- Maker projects
- Manufacturing
- Construction
- Interior design
- Industrial design

SEQUENCE OF COURSES

Please refer to HSD course catalog for more information



PATHWAY TEACHES

STUDENTS TO:

- Make technical designs using several different software systems
- Be proficient in 3-D printing, Programming, Computer-aided Drafting and Design, GPS and Web Design
- Work with robotics and sensors using the LEGO Mindstorms robotics systems and the Vex Robotics system
- Solve problems individually and as a team
- Use Computer Aided Design (CAD) software to create engineering designs

CAREER POSSIBILITIES & SALARY RANGES

• Mechanical Engineer	\$68,453 - \$103,293
• Civil Engineer	\$64,022 - \$99,736
• Industrial Engineer	\$46,190 - \$115,253
• Urban Planner	\$66,518 - \$93,704
• Construction Manager	\$72,675 - \$114,629
• Structural Designer	\$60,500 - \$110,000
• Architect	\$53,914- \$89,232

SOME LOCAL COLLEGES & MAJORS

- **U of O**– Bachelors of Science: Product Design
- **Chemeketa Community College**– Associate of Science: Computer Assisted Drafting (CAD)
- **Clackamas Community College**- Associate of Applied Science: Computer-Aided Manufacturing
- **PCC**– One Year Certificate: Computer Aided Design and Drafting

POTENTIAL LOCAL EMPLOYERS

- **Cascade Systems Technology**
- **Ultimate 3D**
- **Summit Manufacturing**
- **R&D Plastics**
- **Satis&fy**
- **Brix Paving**
- **Sagebuilt Homes**
- **Paulson Flooring**
- **Parr Lumber**
- **Turner Construction**
- **Swinerton Builders**

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