

HILLSBORO HIGH SCHOOL DRAFTING

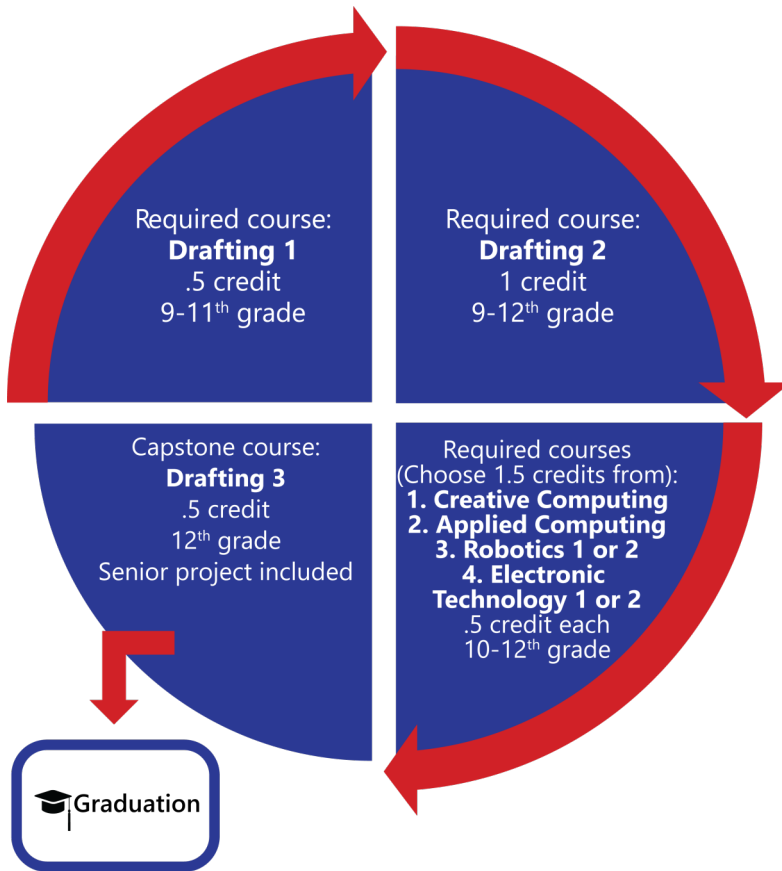
INSTRUCTOR:
WAYNE CLIFT
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For students interested in:

- 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:

- Analyze and measure real-world objects
- Model objects by hand-drawing and by Computer-Aided Design (CAD).
- USE CAD software to create 2D and 3D engineering designs
- Learn to use industrial tools: vinyl cutters, 3D printers & laser cutters.
- Integrate your designs with robotics, electronics & programming.
- Solve problems individually & as a team.

CAREER POSSIBILITIES & SALARY RANGES

• Mechanical Engineer	\$78,478 - \$146,640
• Civil Engineer	\$69,597 - \$136,115
• Industrial Engineer	\$70,387 - \$163,280
• Urban Planner	\$81,058 - \$118,768
• Construction Manager	\$74,734 - \$171,122
• Industrial Designer	\$69,472 - \$123,386
• Architect	\$63,939 - \$130,312

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

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