



CENTURY HIGH SCHOOL INDUSTRIAL & ENGINEERING SYSTEMS

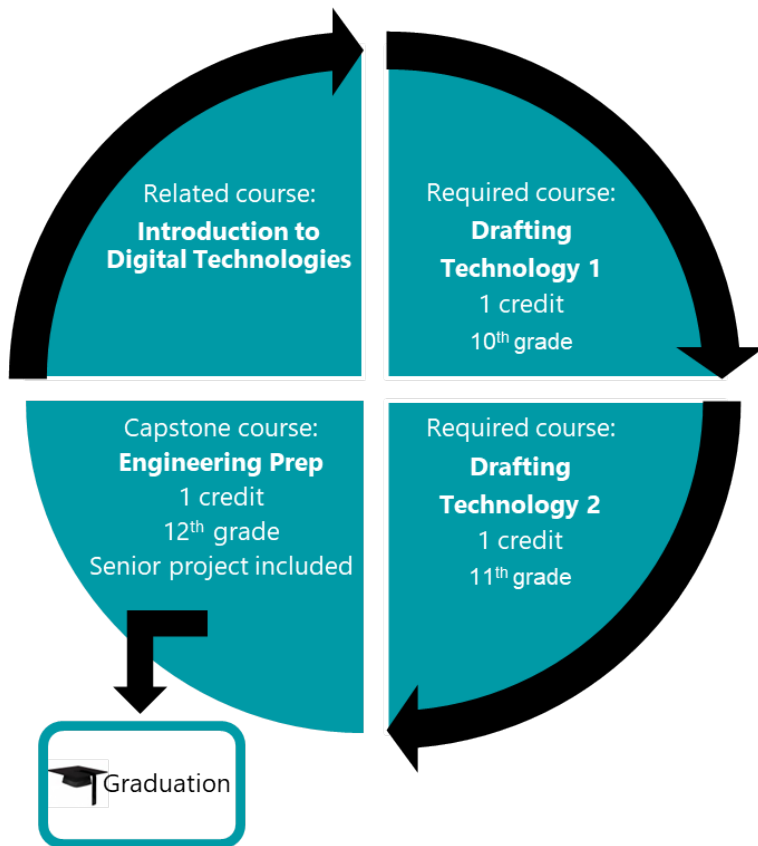
INSTRUCTOR:
MATT LOUN
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For students interested in:

- Design
- Layout
- Production
- Manufacturing

SEQUENCE OF COURSES

Please refer to HSD course catalog for more information



PATHWAY TEACHES

STUDENTS TO:

- Create accurate 2D and 3D drawings using CAD software
- Make structural drawing sets to industry standards
- Be effective as a team member to research data and create drawings
- Make mechanical drawing sets including detail and assembly drawings of parts
- Program industry level machines such as 3D printer, CNC Routers, Plasma Cutters & Spoolers

CAREER POSSIBILITIES & SALARY RANGES

• Aerospace Technician	\$38,000 - \$93,000
• Manufacturing Technician	\$30,368 - \$42,193
• Engineer	\$72,259 - \$106,683
• Structural Designer	\$60,500 - \$110,000
• Production Manager	\$84,306 - \$111,114
• Machinist	\$31,720 - \$48,090
• Materials Planner	\$47,013 - \$62,531

SOME LOCAL COLLEGES & MAJORS

- **PCC**– One Year Certificate: Computer Aided Design and Drafting
- **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

POTENTIAL LOCAL EMPLOYERS

- **Cascade Systems Technology**
- **Ultimate 3D**
- **Summit Manufacturing**
- **R&D Plastics**
- **Satis & Fy**

To learn more about career and college opportunities, make an appointment with your counselor 503-844-1814