

# ENGINEERING AND DESIGN TECHNOLOGY (CERTIFICATE)

---

**Catalog Effective Term:** Fall 2024

**Program Code:** CTEDT

**Credential:** Certificate

*High Demand Occupation, High Skill Occupation, High Wage Occupation*

The Engineering Design Technology program prepares students to create and design products using engineering software and production methods used in today's growing global economy. Students will be introduced to product design processes and engineering and design technology concepts. Using various software tools, students will experiment with design concepts as a mean to developing unique products for the construction, automotive or other production industries. Hands-on experience with design- appropriate materials will round out the development process.

## Continuing Eligibility Requirements

Students must earn a "C" or better in all courses.

**Minimum Credits Required for the Program: 16**

| Code   | Title   | Credits   |
|--|---|-----------|
| <b>Major/Area Requirements</b>   |   |           |
| EGT 100  | Introduction to Engineering Product Design        | 3         |
| EGT 125  | Advanced Engineering Design Technology            | 3         |
| EGT 150  | Engineering Design Technology Material Science    | 3         |
| EGT 175  | Engineering Design Technology Material Processing | 3         |
| Restricted Elective(s) - art, manufacturing, welding, woodworking or other department approved course. |   | 4         |
| <b>Total Credits</b>   |   | <b>16</b> |