

# Engineering Design Technology: Design and Production

This Certificate of Achievement is designed for technical, mechanical, and manufacturing careers and CADD/Drafting-related industries. The certificate is intended to represent skills and understanding of production and design processes utilizing CAD software and prototyping.

To acquire the **Certificate of Achievement in Engineering Design Technology: Design and Production**, it is necessary to complete the following courses:

| Required Courses   |   | Units     | N | IP | C |
|--|---|-----------|---|----|---|
| ENGT 123   | Intermediate Engineering Design: Descriptive Geometry                         | 2         |   |    |   |
| ENGT 200   | *Intermediate CAD Modeling for Design & Production                            | 4         |   |    |   |
| ENGT 131   | *Advanced Engineering Design: Manufacturing Applications of Technical Drawing | 4         |   |    |   |
| ENGT 231   | *Product Design and Presentation  | 4         |   |    |   |
| ENGT 270   | *Advanced 3D Parametric Modeling and Prototype Applications                   | 4         |   |    |   |
| <b>Total units needed for Certificate of Achievement</b> |   | <b>18</b> |   |    |   |
| Units Completed  |   |           |   |    |   |
| *Prerequisite/corequisite                                |   |           |   |    |   |