

ENGINEERING DESIGN WITH DIGITAL TOOLS, CERTIFICATE

Requirements for an undergraduate certificate may be completed at any campus location offering the specified courses for the certificate.

Certificate Learning Objectives

- **Appropriate Design:** Analyze engineering designs using appropriate software, and as appropriate, improve the design
- **CAD Assemblies:** Given a project objective, effectively design and produce CAD assembly models that meet specified design criteria
- **Portfolio:** Demonstrate an in-depth understanding of digital design by professionally communicating designs, including decision making and analysis, through drawings, images, and written descriptions