

ENGINEERING DESIGN, CERTIFICATE

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

Program Description

The certificate provides an opportunity to pursue a specialization in engineering design; offering an incentive to take more courses in design and participate in more design projects, thereby improving employment prospects. Students must earn a C grade or better in each prescribed or additional course or independent study or pursue a replacement option. A minimum of 7 credits of required courses and an additional 6 credits of supporting courses minimum (at 400-level or above) are needed for completion of the certificate.

What is Engineering Design?

Engineering Design is based on the concept of integrating ideas, disciplines, people, and resources within engineering and beyond that are necessary to achieve optimal design solutions for products, systems, processes, and services.

You Might Like This Program If...

- You are interested in learning about new design methods.
- You would like to learn more about interdisciplinary applications of design such as sustainability, innovative design, design for human variability, global design, and affective design.
- You are interested in interdisciplinary integrated design involving two or more distinct fields of knowledge.
- You would like to develop a portfolio of your design projects.