PRODUCT REALIZATION, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Program Description

This 21-credit interdisciplinary minor is designed for any engineering student who is interested in state-of-the-art practice in integrated product/process design and manufacturing. The program culminates with a one-semester project involving the design and manufacture of a new product.

The purpose of the minor is to offer students state-of-the-art practice in integrated product/process design and manufacturing. Students completing the minor should:

• understand the interaction of design and manufacturing through practical examples;
• be familiar with the entrepreneurial skills needed to transfer a new product from initial idea to market;
• understand the technical and management aspects of concurrent engineering and total quality management; and
• have hands-on experience in designing and manufacturing a product, organizing and managing the effort, and interacting with the customer.

You Might Like This Program If...

You are an engineering student interested in hands-on, state-of-the-art practice in integrated product/process design and manufacturing.