Graduate Certificate in International Manufacturing Engineering

An applied internship that promotes learning, hands-on experience, and industrial practice by applying international manufacturing management and engineering fundamentals is offered in a local manufacturing plant. The student will intern in a manufacturing facility and work on problems ranging from testing and inspection, design, quality, production and inventory control, maintenance, purchasing, planning and scheduling, safety and ergonomics, tooling, to accounting, and other areas. Students will have an industry mentor, a faculty mentor, and a field engineer helping them in the manufacturing problems. The mid-term and final examinations will consist of a written report and presentation based on the research/design/analysis performed in a manufacturing department to the faculty mentor and industrial partner.

Required Credits: 15