

# MASTER OF ENGINEERING IN MANUFACTURING ENGINEERING VIA INTERNET

The Master of Engineering in Manufacturing Engineering via Internet is a course-only, professionally oriented degree program that requires a minimum of 30 credit hours. There is no thesis or comprehensive examination requirement. The student, in consultation with the academic adviser, prepares a program reflecting individual needs and interests. All courses are administered online.

## Curriculum

Code	Title	Credit Hours
<b>Required Courses</b>		<b>(17)</b>
MMAE 545	Advanced CAD/CAM	3
MMAE 546	Advanced Manufacturing Engineering	3
MMAE 560	Statistical Quality and Process Control	3
MMAE 547	Computer-Integrated Manufacturing Technologies	3
or MMAE 557	Computer-Integrated Manufacturing Systems	
MMAE 563	Advanced Mechanical Metallurgy (materials course)	3
MMAE 704	Introduction to Finite Element Analysis (numerical methods)	2
<b>Elective Courses</b>		<b>(13)</b>
Select a minimum of 13 credit hours from the following:		13
MMAE 433	Design of Thermal Systems	3
MMAE 445	Computer-Aided Design and Manufacturing	3
MMAE 540	Robotics	3
MMAE 557	Computer-Integrated Manufacturing Systems	3
MMAE 589	Applications in Reliability Engineering I	3
MMAE 590	Applications in Reliability Engineering II	3
MMAE 715	Project Management	2
<b>Total Credit Hours</b>		<b>30</b>