

■ COMPUTER ASSISTED MANUFACTURING CERTIFICATE (CAMC)

KNIGHT CAMPUS, WARWICK

As the United States continues to face the challenges of global economic competition, one of the tools for sharpening our competitive edge is the use of the computer as an enhancement to engineering and manufacturing. American companies are integrating computers into the engineering and manufacturing environment at a rapid pace. This demands that employees become knowledgeable and proficient in the use of computers. Without these needed skills, employment will become more and more difficult in the 21st century and as worldwide competition intensifies.

The certificate program in Computer Assisted Manufacturing provides manufacturing professionals with an introduction to computer applications in an industrial setting.

REQUIRED COURSES

COURSE NO.	COURSE TITLE	CREDITS
<input type="checkbox"/> ENGT 1060	AutoCAD (Basics)	1
<input type="checkbox"/> ENGT 1070 P	AutoCAD (Advanced)	2
<input type="checkbox"/> MAPR 1250	Introduction to CNC	2
<input type="checkbox"/> MAPR 1240 P	Computer Aided Manufacturing	2
<input type="checkbox"/> MNFG 1010	Introduction to Robotics	3

ELECTIVES: CHOOSE 2

COURSE NO.	COURSE TITLE	CREDITS
<input type="checkbox"/> ENGR 1030	Engineering Graphics	3
<input type="checkbox"/> MEET 1810	Design Drafting	3
<input type="checkbox"/> ENGT 1020	Introduction to Manufacturing Processes	2
<input type="checkbox"/> MAPR 2110	Computer Integrated Manufacturing	3
Total Certificate Credits		15-16