

Computer Integrated Manufacturing Technology Certificate (4311)

NOTE: Students without prior exposure to machining will find CIMN 0950 Introduction to Machine-Tool Technology and CIMN 0960 Introduction to Machine-Tool Set-Up and CAM helpful to gain the required knowledge and experience for CIMN 1110 and CIMN 1420.

CADT 1100	Introduction to AutoCAD	3
CIMN 1110	Machining Processes	3
CIMN 1210	Materials Processing	3
CIMN 1420	Computer Numerical Control Part Programming (CNC)	2
CIMN 1430	Introduction to Computer Assisted Part Programming	2
CIMN 1440	Advanced Computer Assisted Part Programming	2
CIMN 2190	Manufacturing Methods and Costs	3
CIMN 2240	Jig and Fixture Design I	3
CIMN 2610	Automation and Robotics	3
ENGR 1000	Introduction to Engineering Technology	2
MATH 1001	Introduction to Technical Mathematics	4
MECT 1150	Technical Communications	3

Certificate Total: 33