

Computer Numerical Controlled (CNC) Machining

Program

Advanced Manufacturing

Degree Type

Certificate (CER)

First Term

Item #	Title	Credits
ADM 291	MSSC SAFETY	3
MSP 104	BASIC MACHINING CALCULATIONS	2
MSP 121	BASIC BLUEPRINT READING FOR MACHINISTS	2
MSP 125	INTRODUCTION TO MACHINING TECHNOLOGY	3
	MTH 100 or MTH 110	3

Second Term

Item #	Title	Credits
ADM 292	MSSC QUALITY PRACTICES AND MEASUREMENT	3
MSP 105	LATHES	3
MSP 107	MILLING MACHINES	3
MTT 127	METROLOGY	3
ENG 101	ENGLISH COMPOSITION I	3

Third Term

Item #	Title	Credits
ADM 293	MSSC MANUFACTURING PROCESSES AND PRODUCTION	3
MSP 111	INTRODUCTION TO COMPUTER NUMERICAL CONTROL	2
MSP 112	BASIC COMPUTER NUMERICAL CONTROL TURNING	3
MTT 140	BASIC COMPUTER NUMERICAL CONTROL TURNING PROGRAMMING I	3
MTT 243	CNC TURNING LAB I	3

Fourth Term

Item #	Title	Credits
ADM 294	MSSC MAINTENANCE AWARENESS	3
MSP 111	INTRODUCTION TO COMPUTER NUMERICAL CONTROL	2
MSP 112	BASIC COMPUTER NUMERICAL CONTROL TURNING	3
MTT 109	ORIENTATION TO COMPUTER ASSISTED MANUFACTURING	3

Fifth Term

Item #	Title	Credits
MSP 113	BASIC COMPUTER NUMERICAL CONTROL MILLING	3
CNC 213	ADVANCED COMPUTER NUMERICAL CONTROL MILLING	3
CNC 223	COMPUTER NUMERICAL CONTROL GRAPHICS PROGRAMMING: MILLING	3
Total Credits		54