

Tool Room/Maintenance Machinist Apprentice Certificate (4302)

NOTE: Courses below the 1000 level cannot be used to meet degree requirements.

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

First Semester:

CIMN 1005	Basic Blueprint Reading and Sketching	2
MATH 0890	Pre-Technical Mathematics	3
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		5

Second Semester:

MATH 1001	Introduction to Technical Mathematics	4
MECT 1000	Introduction to Technology	2
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		6

Third Semester:

CADT 1100	Introduction to AutoCAD	3
CIMN 1110	Manufacturing Processes I	3
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		6

Fourth Semester:

CIMN 1210	Manufacturing Processes II	3
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		3

Fifth Semester:

CIMN 1420	Computer Numerical Control Part Programming (CNC)	2
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		2

Sixth Semester:

CIMN 1450	Programming CNC Lathes	2
CIMN 1460	Programming CNC Machining Centers	2
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		4

Certificate Total: 26