

Academic Pathways Map

CNC Machining

A.A.S.

Industry and Trades

Start Here

SEMESTER 1		CREDITS	MILESTONE	✓
M111	TECHNICAL MATHEMATICS	3		
MCH130	MACHINE SHOP	3		
MCH132	INTRODUCTION TO ENGINE LATHES	5		
MCH134	INTRODUCTION TO MILLS	5		
MCH240	METALLURGY	2		

TOTAL CREDITS 18

SEMESTER 2		CREDITS	MILESTONE	✓
MCH136	ADVANCED LATHES	5		
MCH137	ADVANCED MILLS	5		
MCH139	GRINDING APPLICATIONS	2		
MCH245	SHOP PRACTICES	2		
DDSN132	MASTERCAM SOLIDS	2		
COMX106	COMMUNICATING IN A DYNAMIC WORKPLACE	3		

TOTAL CREDITS 19

SEMESTER 3		CREDITS	MILESTONE	✓
MCH230	TOOLING AND FIXTURES IN CNC	2		
MCH231	CNC TURNING OPERATIONS LEVEL 1	4	*	
MCH232	CNC TURNING PROGRAMMING OPERATIONS 2	3		
MCH234	CNC MILLING OPERATIONS LEVEL 1	4	*	
MCH235	CNC MILLING PROGRAMMING OPERATIONS 2	3		

TOTAL CREDITS 16

SEMESTER 4		CREDITS	MILESTONE	✓
MCH233	CNC TURNING PROGRAMMING OPERATIONS 3	3		
MCH236	CNC MILLING PROGRAMMING OPERATIONS 3	3		
MCH237	CAD/CAM CNC TURNING CENTER	5		
MCH238	CAD/CAM CNC MACHINING CENTER	5		

TOTAL CREDITS 16

You are finished!

Pathway Advising Notes: none

Course Advising Notes: MCH136: Prerequisite: M111, MCH130, MCH132, MCH134, and MCH240

MCH137: Prerequisite: M111, MCH130, MCH132, MCH134, MCH240



MCH139: Prerequisite: M111, MCH130, MCH132, MCH134, MCH240

MCH245: Prerequisite: M111, MCH130, MCH132, MCH134, MCH240

MCH231: Prerequisite: MCH136

MCH232: Corequisite: MCH231

MCH234: Prerequisite: MCH137

MCH235: Corequisite: MCH234

MCH233: Prerequisite: MCH231 & MCH232

MCH236: Prerequisite: MCH234 & MCH235

MCH237: Corequisite: MCH233

MCH238: Corequisite: MCH236