

Academic Pathways Map

Manual Machining

C.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	✓
COMX106	Communicating In A Dynamic Workplace	3		
MCH136	Advanced Lathes	5		
MCH137	Advanced Mills	5		
MCH139	Grinding Applications	2		
MCH245	Shop Practices	2		
DDSN132	Mastercam Solids	2		

TOTAL CREDITS 19

You are finished!

Pathway Advising Notes: -Classes must be taken in the order outlined on this pathway map, beginning in the fall semester. This includes M111 and COMX106.

-Program requires full-time enrollment (unless granted permission by the instructor).

-In order to advance, all previous semester classes must be passed with a C- or better.

-The C.A.S. in Manual Machining is the first year of the A.A.S. in CNC Machining. Refer to the A.A.S. CNC Machining pathway map for the second-year classes.

Course Advising Notes: M111: This is the math class recommended for students in skilled trades programs, but other higher math classes may be substituted. Your advisor can help determine placement.