

MACHINE TOOL TECHNOLOGY - INTERMEDIATE TECHNICAL CERTIFICATE (ITC)

Explore More About This Program: <https://cwi.edu/program/machine-tool-technology>

Certificate Plan: Fall Start

The course sequence listed below is strongly recommended in order to complete your program requirements. Many Career and Technical Education (CTE) courses have prerequisites and/or corequisites that have been accounted for within this course sequence plan. Please register for each semester as shown using the Student Planning tool in myCWI. Consult your advisor for any questions regarding this course sequence plan.

First Year

Fall		Credit Hours
First 8-Week Course Session		
MACH 103	Machine Shop Laboratory I	3
MACH 153	Machine Shop Theory I	2
Second 8-Week Course Session		
MACH 104	Machine Shop Laboratory II	3
MACH 154	Machine Shop Theory II	2
Full 16-Week Course Session		
MACH 126	Related Blueprint Reading I	2
Total Semester Credit Hours		12

Spring

Full 16-Week Course Session		
MACH 105	Machine Shop Laboratory III	6
MACH 127	Related Blueprint Reading II	2
MACH 155	Machine Shop Theory III	2
MACH 224	Tool Design for Manufacturing	2
Total Semester Credit Hours		12

Second Year

Fall		Credit Hours
Full 16-Week Course Session		
MACH 203	Advanced Machine Shop Laboratory I	6
MACH 212	Computer-Aided Manufacturing	3
MACH 253	Advanced Machine Shop Theory I	3
Total Semester Credit Hours		12

Spring

Full 16-Week Course Session		
MACH 204	Advanced Machine Shop Laboratory II	6
MACH 210	Fundamentals of Computer-Aided Drafting and Design	3
MACH 254	Advanced Machine Shop Theory II	3
Total Semester Credit Hours		12
Minimum Credit Hours Required		48