

MACHINE TOOL TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

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

Degree 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 your major requirements each semester as shown below using the Student Planning tool in myCWI. Consult your advisor for any questions regarding this plan.

NOTE: The required general education courses may be completed during any semester the student prefers, including summer semesters.

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
<u>GEM 2 - Oral Communication course</u>		3
Total Semester Credit Hours		15
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
<u>GEM 3 - Mathematical Ways of Knowing course</u>		3
Total Semester Credit Hours		15
Summer		
Full 8-Week Course Session		
<u>GEM 6 - Social & Behavioral Ways of Knowing course</u>		3
<u>GE Elective course</u>		3
Total Semester Credit Hours		6

Second Year

Fall		
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
<u>GEM 1 - Written Communication course</u>		3
Total Semester Credit Hours		15
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		63