

Last Name

First Name

**ASSOCIATE OF APPLIED SCIENCE  
PRECISION MACHINING TECHNOLOGY DEGREE PLAN**

Effective 2022-2023

COURSE TITLES	COURSE NUMBERS	DONE	NOW	NEED	CERT	DEGREE
Introduction to Machining Procedures (3)	PMT105				X	X
CNC Programming I (3)	PMT125				X	X
Machining Procedures (3)	PMT150				X	X
CNC Programming II (5)	PMT155				X	X
Advanced Machining Procedures (3)	PMT205				X	X
Quality Assurance (3)	PMT210				X	X
Advanced CNC Programming (5)	PMT225				X	X
Computer Integrated Manufacturing (3)	PMT235				X	X
Computer Aided Manufacturing (5)	PMT240				X	X
Introduction to 3D Contouring (3)	PMT250				X	X
Industrial Blueprint Reading (3)	MTT108				X	X
Dimensional Metrology (3)	MTT116				X	X
Technical Internship (1-3) optional	INT191,192, or193					
Group I. <i>Communications</i> (3)	ENG101(H)					X
Group II. <i>Humanities/Communications</i> (3)						X
Group III. <i>Social/Behavioral Sciences</i> (3)						X
<i>Civics</i> (3)						X
<i>MO Higher Ed Civics Exam</i>	PSC001					X
Group IV. Industrial Math (3)	MTH105*				X	X
Technical Math I (3)	MTH121*					X
Group V. <i>Computer Literacy</i> (3)	CIS125*					X
Group VI. <i>First Year Experience</i> (1-3)					X	X
<b>Student Signature/Date</b>						
<b>Advisor Signature/Date</b>						

Total Credit Hours:

46

64

**GENERAL EDUCATION & INSTITUTIONAL REQUIREMENTS****Group I. Communications 3 hrs.**ENG101(H) English Comp. I **required****Group II. Humanities/Communications 3 hrs.**[See MOTR CORE 42 list for choices](#)

Cannot use Performance classes

**Group III. Social/Behavioral Sciences 6 hrs.**

3 hours must fulfill Civics requirement

[See MOTR CORE 42 list for choices](#)**Group IV. Math and/or Science 6 hrs.**MTH105 (3) Industrial Math\* **required**MTH121 (3) Technical Math I\* **required****Group V. Computer Literacy 3 hrs.**CIS125 Computer Concepts and  
Applications\* **required****Group VI. First Year Experience 1-3 hrs.**COL100\*, COL101\*, or COL136\* **required**

\*These courses listed in the General Education and Institutional Requirements are not part of the MOTR CORE 42 general education program, and are not guaranteed to transfer to other institutions.

**NOTE: Students must complete at least 15 credit hours at Jefferson College to meet the residency requirement for graduation.**

**Computer literacy requirement must be completed with a grade of "C" or better.**

Revised March 2022