Last Name	First Name

JEFFERSON COLLEGE
ASSOCIATE OF APPLIED SCIENCE
COMPUTER INTEGRATED MANUFACTURING DEGREE PLAN

Effective 2020-2021

COURSE TITLES	COURSE NUMBERS	DONE	NOW	NEED	CERT	DEGREE
Introduction to Machining Procedures (3)	CIM105				X	X
CNC Programming I (3)	CIM125				X	X
Machining Procedures (3)	CIM150				X	X
CNC Programming II (5)	CIM155				X	X
Advanced Machining Procedures (3)	CIM205				X	X
Quality Assurance (3)	CIM210				X	X
Advanced CNC Programming (5)	CIM225				X	X
Computer Integrated Manufacturing (3)	CIM235				X	X
Computer Aided Manufacturing (5)	CIM240				X	X
Introduction to 3D Contouring (3)	CIM250				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. *Communications* (3)	ENG101(H)					X
Group II. *Humanities/Communications* (3)						X
Group III. *Social/Behavioral Sciences* (3)						X
Civics (3)						X
MO Higher Ed Civics Exam	PSC001					X
Group IV. Industrial Math (3)	MTH105*				X	x
Technical Math I (3)	MTH121*					X
Group V. *Computer Literacy* (3)	CIS125*					x
Group VI. *First Year Experience* (1-3)					X	x
Student Signature/Date						
Advisor Signature/Date						

Total Credit Hours: **46-48**   **64-67**

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.

Revised March 2020