

Last Name

First Name

**JEFFERSON COLLEGE**  
**ASSOCIATE OF APPLIED SCIENCE**  
**WELDING TECHNOLOGY DEGREE PLAN**

Effective 2021-2022

COURSE TITLES	COURSE NUMBERS	DONE	NOW	NEED	CERT	DEGREE
Industrial Blueprint Reading (3)	MTT108				X	X
Dimensional Metrology (3)	MTT116				X	X
Introduction to Metallurgy (3)	MTT148				X	X
Gas & Beginning Arc Welding (5)	WLD141				X	X
Advanced Arc Welding (5)	WLD142				X	X
Gas Metal Arc Welding (MIG) (5)	WLD243				X	X
Gas Tungsten Arc Welding (TIG) (5)	WLD244				X	X
Intro to Business (3)	BUS101					X
Advanced Welding Techniques I (5)	WLD245					X
Advanced Welding Techniques II (5)	WLD246					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. <i>Math and/or Science</i> (3)						X
Industrial Math (3)	MTH105*				X	X
Group V. <i>Computer Literacy</i> (3)						X
Group VI. <i>First Year Experience</i> (1-3)					X	X
Student Signature/Date						
Advisor Signature/Date						

**Total Credit Hours****33 - 35      64 - 66****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 Industrial Math\* (3) required

MGT103\*;MTH110\*,128\*; or MOTR CORE

[See MOTR CORE 42 list for additional choices](#)**Group V. Computer Literacy 3hrs.**CIS125\*; EDU 205\* **select one****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 2021