



Machine Tool Technology 2008-2010 Advising Worksheet



Advisors for this major:

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Prerequisite Information

- U= Class is open to any student even if placed in BSKL courses.
- R= Students needing BSKL015 Reading are restricted from this course.
- E = Course has a required prerequisite of Introduction to Writing or English Composition I
- M = Students MUST take the math prerequisite for this course or test into the course.
- P= Course has a prerequisite or minimum placement score

Skill Enhancement Courses

Some or all of the following skill enhancement courses may be required depending on your ACT, ASSET or COMPASS scores. Courses with numbers below 100 will not apply toward graduation requirements. Your advisor will help you determine which of these courses, if any, you will need to take. In many cases, they must be taken your first semester

- | | | | |
|---|--------------------------|--------------------------------------|--------|
| U | <input type="checkbox"/> | BSKL003 Introduction to Basic Skills | 3 or 6 |
| U | <input type="checkbox"/> | BSKL010 Basic English w/Lab | 3 |
| U | <input type="checkbox"/> | BSKL014 Basic Reading Lab | 3 |
| R | <input type="checkbox"/> | BSKL015 Reading | 3 |
| E | <input type="checkbox"/> | BSKL020 Introduction to Writing | 3 |
| U | <input type="checkbox"/> | BSKL061 Basic Math w/Lab | 3 |
| M | <input type="checkbox"/> | BSKL064 Elementary Algebra | 3 |

Graduation Information

- Completed the minimum required hours?
- Completed all required courses?
- Last 12 hours completed at SFCC?
- Transferring credit back & Registrar approved?
- MO Constitution requirement met?
- GPA (minimum 2.0 required for graduation)
- Exit Exam scheduled/taken?
- Application for Graduation completed? (Students should apply for graduation immediately after enrolling for their last semester)

ASSOCIATE OF APPLIED SCIENCE DEGREE

	✓	Technical Courses	47
		*MACH 101 Introduction to Machining	4
P		*MACH 102 Lathe and Milling Machine Operations	4
P		*MACH 103 Milling and Grinding Machine Applications	4
P		*MACH 104 Advanced Machining	4
		*MACH 115 Heat Treating and Metallurgy	3
		CAD 105 Print Reading	3
P		CAD 130 Solid Modeling	3
P		*MACH 106 CNC Machining	3
		CAD 134 CAD/CAM	3
P		*MACH 109 Advanced CNC Machining	3
		*MACH 175 Machine Tool Internship	4
	✓	Program Electives (Select 9 hours from the following)	9
		Select from any AUTO, CAD, CNST, IEM, MACH, WELD, or MATH107	
	✓	General Education Requirements	18
R/E		ENGL 101 Composition I or ENGL 112 Tech Writing I	3
		SPTH 101 Public Speaking	3
R/E		HIST 101 US History Before 1877 or HIST 102 US History After 1877 or POLS 101 Amer/National Government	3
M		MATH 108 Tech Math II	3
M		PHYS 125 Technical Science	4
		Wellness Course	1
		SS120 Employment Strategies	1
Minimum Total Credits for Degree			65

PROFESSIONAL CERTIFICATE

		*MACH 101 Introduction to Machining	4
P		*MACH 102 Lathe and Milling Machine Operations	4
P		*MACH 103 Milling and Grinding Machine Applications	4
P		*MACH 104 Advanced Machining	4
		CAD105 Print Reading	
		*MACH 115 Heat Treating and Metallurgy	3
M		MATH 108 Tech Math II	3
M		PHYS 125 Technical Science	4
		SS120 Employment Strategies	1
		Program Elective Select 1 course from elective list above	3

*Indicates courses which must be completed with a "C" or higher.

Not all courses are offered every semester

This worksheet is to be used as a guide and may be subject to change without prior notice.