

**MACHINE SHOP TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE DEGREE
Catalog 2005-2007**

The Machine Shop Technology Program is designed to prepare students for positions in industries which utilize metal-cutting machine tools. Machinists produce metal parts used in machinery of all types, sizes and shapes. Major course areas include machine shop safety, measuring instruments, blueprint reading, shop math, and operation of general machine tools including drill presses, saws, lathes, milling machines, grinders. Upon completion of the program, the student will be qualified as an entry-level machinist, maintenance machinist, or apprentice machine trades trainee. **Note:** This program requires that the student purchase his/her own tools. To obtain a list of the required tools, contact the program instructor. **Note:** A student must earn a grade of “C” or higher in all courses in order to receive a degree or certificate.

Recommended course sequencing for first time students.

			Credit Hours	Grade	
1st Semester					
___	MASH	115	Machine Shop Blueprint Reading	3	_____
___	MASH	121	Machine Shop I	4	_____
___	MATH	113	Applied Mathematics for Vocational Students	3	_____
				Total 20 credits	
2nd Semester					
___	ENGL	118	Technical Composition	3	_____
___	DRFT	111	Drafting for Industry	3	_____
___	MASH	131	Machine Shop II	4	_____
				Total 20 credits	
3rd Semester					
___	ENGL	218	Advanced Technical Composition	3	_____
___	MASH	211	Machine Shop III	4	_____
___	_____	___	Humanities/Social Science Elective	3	_____
				Total 20 credits	
4th Semester					
___	MASH	221	Machine Shop IV	4	_____
___	WELD	111	Basic Welding	2	_____
___	SPCH	110	Public Speaking OR		_____
___	SPCH	111	Interpersonal Communication	3	_____
				Total 19 credits	

Total credit hours required for this degree 79