

MCH - BMOI: Basic Machining Operator TCC (replaces 5DGI: Basic Machining Operator in the Quarter System)

The Basic Machining Operator certificate program prepares students for entry-level machine shop employment by providing the knowledge and skills in basic machining operations. Instruction is provided in blueprint reading; lathe, mill, and surface grinder operation; mathematical functions; and an introduction to the machine tool industry.

Career Opportunities

Graduates may find entry-level employment as machinists in the machine tool industry.

Credit Required for Completion: Minimum of 20 credit hours

Curriculum

	Program Course	Credits
	<i>Occupational Courses</i>	
_____	MCHT 1011 Introduction to Machine Tool	4
_____	MCHT 1012 Blueprint for Machine Tool	3
_____	MCHT 1013 Machine Tool Math	3
_____	MCHT 1015 Surface Grinder Operations	2
_____	MCHT 1119 Lathe Operations I	4
_____	MCHT 1120 Mill Operations I	4