MANUAL LATHE AND MILLING MACHINE OPERATOR CERTIFICATE OF ACHIEVEMENT

This certificate is designed to prepare students for entry-level employment in manufacturing using machine tools such as lathes and milling machines to produce precision metal parts.

Code	Title	Units
Required Courses:		
MACH 021	Machine Shop	3
MACH 022	Machine Shop II	4
MACH 075	Computer Aided Design/Computer Aided	3
	Manufacturing Software	
TECALC 087	Technical Calculations	4
MACH 090	Mechanical Print Reading	3
MACH 098	Machinist Technology Work Experience	1-4
Total Units		18-21

Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

This is a Gainful Employment Program

Program Learning Outcomes

At the completion of this program, students will be able to:

- a. Articulate the operation and maintenance procedures used for machine tools.
- b. Duplicate current industrial computer aided-drawing practices.
- c. Illustrate the procedures for the set-up and operation of manual machining centers.