

Dear Machine Tool Technology student,

This handout has been designed to clarify the path to success. The Certificate of Achievement in this field consists of two semesters of study starting in Fall of any year. You will enter the path in your first semester by taking the "CNC Shop Inspection" class where you learn the basics of measuring instruments. You will stay the path by taking the "Blueprint Reading" class so you understand how to interpret the customer requirements. You will learn how to use the Verisurf software and how it relates to tool building by taking the "Computer-Assisted Inspection Using Verisurf" and "Tool Building Using Verisurf" classes.

In your second semester, you will complete the path by taking "Machine Tool Introduction", "Advanced Computer-Assisted Inspection Using Verisurf" and "Geometrical Dimensioning and Tolerancing" classes. These classes will provide the basic knowledge of measuring instruments and understanding of how parts are produced in industry. These classes will build on what you learned and prepare you for entry-level employment.



NEW STUDENTS AND/OR FIRST SEMESTER (FALL)

Course	Course Name	Semester Offered
MTT 56 (2 units)	CNC Shop Inspection [4]	Fall
MTT 68 (2 units)	Computer-Assisted Inspection Using Verisurf [2,3]	Fall and Spring
MTT 78 (1 units)	Tool Building Using Verisurf [2,3]	Spring
ENGT 116 (2 units)	Blueprint Reading [1,3,4]	Fall, Spring, and Summer
7 Units	4 Classes	

CONTINUING STUDENTS SECOND SEMESTER (SPRING)

Course	Course Name	Semester Offered
MTT 100 (2 units)	Machine Tool Introduction [1,3]	Fall, Spring, and Summer
MTT 168 (1 units)	Advanced Computer-Assisted Inspection Using Verisurf [2,3]	Fall
ENGT 117 (2 units)	Geometrical Dimensioning and Tolerancing [4]	Fall and Spring
5 Units	3 Classes	

Notes:

- 1-Classes are usually offered during evening
- 2-Classes are offered as "Credit By Exam"
- 3-Classes are usually offered on Saturdays
- 4-Classes are usually online



Machine Tool Technology

For more information on Certificates, please refer to the current General Catalog: www.cerritos.edu/catalog