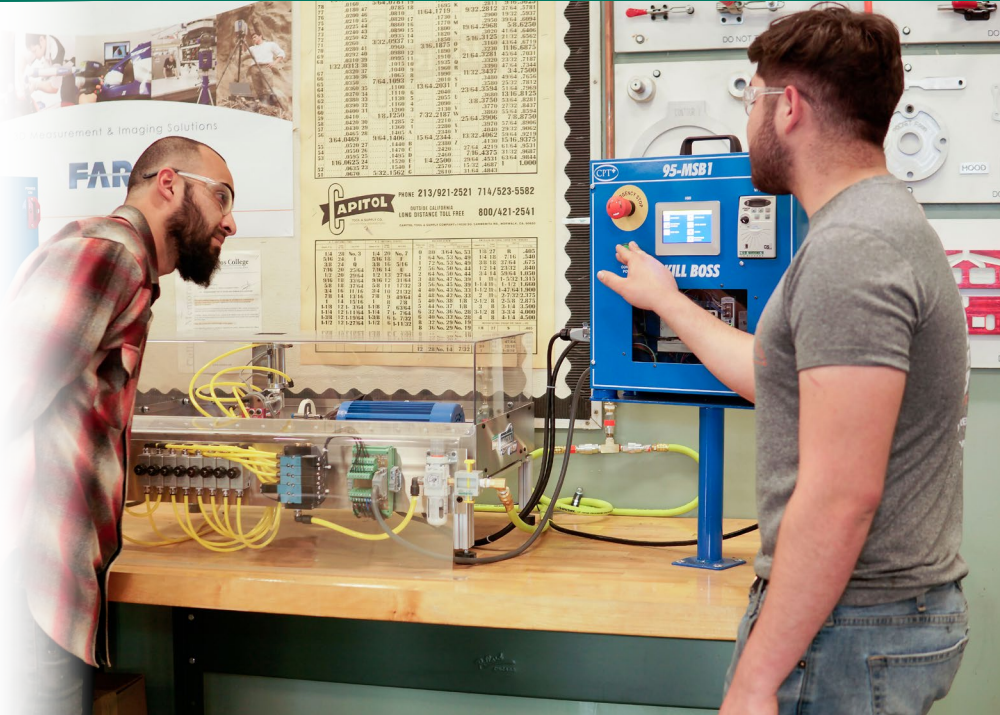


Dear Industrial Technology Automated Manufacturing student,

This handout has been designed to clarify the path to success. The certificate of achievement in this field consists of three to four semesters of study starting in Fall of any year. You will enter the path in your first semester by taking classes in industrial maintenance and computer aided design (CAD).

In your second semester, you will stay the path by taking classes in robotics and motor controls.

In your third and/or fourth semester, you will complete the path with classes in programmable logic controllers, frequency drives, computer assisted inspection, and the setup and operation of CNC mills. These classes will build on what you learned and prepare you for employment.



ASSOCIATE OF ARTS DEGREE IS ALSO AVAILABLE

NEW STUDENTS AND/OR FIRST SEMESTER (FALL)

Course	Course Name	Semester Offered
MTT 110 (2 units)	Industrial Maintenance of Machine Tools	Fall - ODD years
ENGT 259 (4 units)	SolidWorks Introduction [1,4]	Fall, Spring, and Summer
6 Units	2 Classes	

CONTINUING STUDENTS SECOND SEMESTER (SPRING)

Course	Course Name	Semester Offered
MTT 100 (2 Units)	Machine Tool Intro [1]	Fall, Spring, and Summer
MTT 180 (3 units)	Robotics for Computer Numerically Controlled Machines [1]	Spring
5 Units	2 Classes	

CONTINUING STUDENTS THIRD SEMESTER (FALL)

Course	Course Name	Semester Offered
MTT 52 (2.5 units)	Setup and Operation of CNC Milling Machines [1]	Fall and Spring
MTT 111 (2 units)	Programmable Logic Controllers in Automated Manufacturing	Fall - EVEN years
4.5 Units	2 Classes	

CONTINUING STUDENTS THIRD SEMESTER (SPRING)

Course	Course Name	Semester Offered
MTT 68 (2 units)	Computer-Assisted Inspection Using Verisurf [2,3]	Fall and Spring
MTT 112 (2 Units)	Variable Frequency Drives in Automated Manufacturing	Spring - ODD years
4 Units	2 Classes	

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



Machine Tool Technology

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