

Principles of Machining II Syllabus

Semester 1 and 2

Teacher Information

Teacher

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Email

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General Information

Description of Course: (5923)(C13H06) Principles of Machining II is an advanced level course that builds on the introductory skills learned in the entry-level manufacturing and machining courses. Working with the course Instructor and team members in a cooperative learning environment, students will design, produce, and maintain products that are defined by detailed technical specifications. Students will examine blueprints and machine parts to specifications using manual machines, measuring tools and equipment.

Course Objectives (Standards)

Measurement and Mathematical Concepts for Machining(3); Safety(1); Design(2);
Operations and Control(2); Production and Processing(4);

For more information on these programs in full, visit the Advanced Manufacturing website at;
<https://tn.gov/education/article/cte-cluster-advanced-manufacturing>

Course Materials

Textbook: Precision Machining Technology

Other: Internet and Youtube Websites

Grading Policy: A=93-100; B=85-92; C=75-84; D= 70-74; F=69 or below

Participation Grading Scale: Numbers of 1-3 given daily for Classroom and Shop participation are tallied weekly. Breakdown of Totals: 15=97; 14=94; 13=91; 12=88; 11=85; 10=81; 9=79; 8=76; 7=73; 6=70; 5=67. Extra credit can be earned. Exams, quizzes and worksheet handouts are also tallied. Bookwork: Test questions, quizzes, and handout worksheets.

Behavior Expectations: Students will be on time for class!!

SHOW RESPECT!!!!!! DO WHAT IS ASKED OF YOU!!!!!! TREAT OTHERS AS YOU WANT TO BE TREATED!!!!

Safety Policy: Due to the possible dangers associated with a manufacturing shop, additional rules to the student handbook will be followed. The rules will be covered in detail during shop safety lessons. All students must wear proper clothing and PPE for the area. All students must pass performance safety tests with 100% accuracy in order to participate in the class.

Parent: _____

Student: _____