

Principles of Manufacturing

Instructor – Bret Patton

School Motto – To Prepare and Excel

Grading Policy – Standard achievement 85%

Final exam 15%

Teacher Beliefs / Guiding Principles – Preparing each and every student to be workforce ready. Being responsible by completing work on time and to be in class every day and on time.

Course Requirements: Complete the following course standards

Safety

Overview of Manufacturing

Materials

Career Exploration

Layout and Measurement

Blueprint reading and Interpretation

Sequencing of Manufacturing Operations

Quality Assurance and Continuous Improvement

Mechatronics

Welding

Latest trends in Manufacturing

Major Text:

Manufacturing and Automation Technology, R.Thomas Wright, Michael Berkeihiser.

Weekly News Articles – Teacher provided

Assignment Policy: All work to be turned in on time unless approved absents

Make – up Policy: If a student is absent, it is their responsibility to come to me for any and all makeup work.

Attendance Procedures: Follow YAI handbook

Accommodation Options – All IEP's, 504's, ILP's will be followed per state guidelines. Students with issues that are not easily apparent should meet with the teacher at first available opportunity to determine options.

Tentative Course Schedule: Will follow the Tennessee State Standard Outline.

Day to Day Operations – What is the general pattern and student behavior expectations.

Students are expected to be in their seats at the bell and working on the daily bell ringer. Students are required to be quiet during this time. Students are expected to be respectful to other students and to the teacher. Following all safety procedures in the shop. Be on task at all times in the shop.

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