Industrial Materials Processes

Course Syllabus

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Course Description: Industrial Materials Processes

Outcomes:

1. Demonstrate the proper use of common measurement instruments.
2. Explore the properties and characteristics of metals
3. Explore careers opportunities available in the manufacturing industry.
4. Demonstrate knowledge of parts, procedures, and operation of the metal lathe, surface grinders, vertical and horizontal band saws, drill press, and mills.
5. Explore threading procedures.

Philosophy: As an instructor I expect, respect from all my students on this same note I expect my students to respect other classmates, equipment, and school policies.

Personal and Social traits which you are expected to develop and demonstrate are:

1. Carefulness – Conserve tools and materials
2. Cooperation – Work with others
3. Courtesy – Respect others
4. Dependability – Perform as agreed be a professional
5. Initiative – Have the ability to see what needs to be done
6. Promptness – be on time and seldom absent

**Classroom Rules/Guidelines:**

Do not interrupt my teaching and do not interrupt anyone’s learning. A handout will be given to students further over viewing rules.

**Participation Requirements/Attendance**

You are expected to be in class everyday and contribute. Good attendance is critical for success.