

**CALIFORNIA STATE UNIVERSITY, CHICO**  
**DEPARTMENT OF MECHANICAL ENGINEERING, MECHATRONIC**  
**ENGINEERING & MANUFACTURING TECHNOLOGY**

**COURSE SUMMARY – Fall 2007**

**MFGT 160 – MANUFACTURING PROCESSES (3.0 UNITS)**

**LECTURES:** Sec. 1: Mon 10 - 11:50am / Sec. 4: Mon 2 - 3:50pm  
**LABS:** Sec. 2: Tue 2 - 4:50pm / Sec. 3: Th 3 - 4:50pm / Sec. 5: Wed 8 – 10:50am  
Sec. 6: Fri 8 – 10:50am  
**INSTRUCTOR:** Scott Brogden  
**OFFICE:** Plumas 114C                      **HOURS POSTED**  
**PHONE:** 898-5097 (office)  
**CELL:** 680-2521  
**E-Mail:** [sbrogden@csuchico.edu](mailto:sbrogden@csuchico.edu)  
**MMEM Office:** 898-5346 (leave message)

**COURSE OBJECTIVE:**

This course is designed to familiarize the student with the basic concepts of manufacturing processes, i.e., an understanding of the common manufacturing materials and processes, and the knowledge to solve manufacturing problems.

**TEXTBOOK:** Manufacturing Engineering and Technology, Kalpakjian, 5<sup>th</sup> edition

**COSTS DURING TERM OF COURSE:**

Safety glasses are A MUST (may purchase at the AS Bookstore or in class)  
Lab coat or apron (optional)  
Padlock for locker (optional)

**EVALUATION PROCEDURES:**

Quizzes	15%
Mid-term Test	25%
Final Test	25%
Lab Activities	<u>35%</u>
	100%

**NOTE:** All required work must be completed to receive credit for this course.

**CLEANUP:** Laboratory cleanup is very important in this course. Consequently, failure to properly clean up will reduce your final grade by a third of a letter grade per occurrence (example B- to C+).

**SAFETY:** Everyone in Plumas 114 & 116 and Langdon 120 must wear eye protection and closed-toed shoes at all times except in areas between the entrance door and yellow/black limit lines on the floor and during course lectures when no power tool is being used. Anyone failing to comply with all lab safety rules will be told to leave the lab immediately and not be allowed to return to the lab that day. Repeated offenses will result in failing the course.