

MFG 112 : MANUFACTURING PROCESSES II

Transcript title

Manufacturing Processes II

Credits

3

Grading mode

Standard letter grades

Total contact hours

90

Lab hours

90

Prerequisites

instructor approval.

Recommended preparation

MFG 100.

Course Description

Continued student proficiency development in machining operation including speed and feed calculations, milling machine and lathe practice.

Course learning outcomes

1. Student will calculate feeds and speeds for drilling, milling and lathe work.
2. Student will manufacture parts on the manual mill and lathe to close tolerances.
3. Student will describe the use of cutter diameter and length compensation.
4. Student will describe basic fixturing use.
5. Student will evaluate positive and negative tool movements.