

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY

SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Title: WORKSHOP - ADVANCED SHOP

Code No.: MCH 235-8

Program MECHANICAL TECHNOLOGY -- MACHINING

Semester: THREE

Date: SEPTEMBER 1987

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New: Revision XX

APPROVED: *G.P. Crozetta*
Chairperson

Date

CALENDAR DESCRIPTION

WORKSHOP - ADVANCED SHOP

MCH 235-8

Course Name

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PHILOSOPHY/GOALS :

The students in the program at this point in their training have a sound understanding of the basic theory and practical shop. This course is designed to refine these skills in terms of methods, job planning, greater degree of accuracy, job appearance and speed. These will adhere to standard shop practices and safety.

METHOD OF ASSESSMENT (GRADING METHOD) :

Marks will be assigned as per college guidelines that will be a measure of attendance, initiative, and co-operation objective marks will be obtained through project assignments and test pieces.

NOTE: The student will lose 1% of final mark for every hour absent or late.

TEXTBOOKS:

Notes and text from the first two semesters are used as reference.

As well, students are to be prepared for class with safety equipment as required (safety glasses, hair nets, etc.).

OBJECTIVES:

To familiarize the student with the manufacture of machined parts and instill a shop work ethic.

Throughout the course, shop assignments will be metered out and expected to be completed within assigned time frames.

Records are to be kept by the student in regards to his apparent progress. These will be compared with those of the instructor on a continual basis so that the student can better judge his progress in meeting the objectives, philosophy, and goals of the course.

Attendance and attitude will be continually stressed as these are the keys to success in the rapidly changing industrial environment.

Minor test piece assignments are used to ensure the students are consolidating their theoretical and practical skills.

Job planning and sequencing are machining skills developed by putting together previous theoretical and practical individual tasks. This course will test the students ability to consolidate and impliment this knowledge to give him/her confidence in their ability and desire to reach out to further enhance their knowledge and skill.