

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: BLUEPRINT INTERPRETATION

CODE NO.: DRF 103

SEMESTER:

PROGRAM: MACHINE SHOP

AUTHOR: P. K. BRANNEN

DATE: JUNE 1995

PREVIOUS OUTLINE DATED: NEW

APPROVED:

L.P. Crayth
DEAN

95-06-23

DATE

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TOTAL CREDITS _____

PREREQUISITE(S): _____

I. PHILOSOPHY/GOALS:

The content of this course is designed to develop skill and accuracy in reading and interpreting shop, laboratory drawings, technical illustrations and other graphics in preparing occupational sketches, as required. This course develops parallel skills so as to be able to transfer technical information conveyed by drawings and sketches to functional on-the-job applications.

II. STUDENT PERFORMANCE OBJECTIVES (OUTCOMES):

Upon successful completion of this course the student will:

- 1) Be able to use drawings as an effective means of communication.
- 2) Be able to provide an appreciation for the need and use of clear, legible drawings.
- 3) Be able to practice blueprint interpretation.
- 4) Be able to practice basic sketching skills.

III. TOPICS TO BE COVERED:

Approximate Time
Frames (Optional)

- 1) Demonstrate verbally and through written assignments, familiarity with terminology.
- 2) Demonstrate through tests and assignments an understanding of tolerances, allowances, fits and applications of specifications.
- 3) Regular, punctual class attendance and assignment completion are course requirements.

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EVALUATION METHODS: (INCLUDES ASSIGNMENTS,
ATTENDANCE REQUIREMENTS, ETC.)

FINAL MARK

Tests 70%
Assignments 30%

FINAL GRADE

A+ =91% - 100%
A =80% - 90%
B =69% - 79%
C =55% - 68%
I and R is less than 55%.

Tests will be scheduled throughout the term, to a maximum of four. Assignments will be required to be submitted on time throughout the term. Assignments are due PRIOR to the start of the class on the due date.

VI. PRIOR LEARNING ASSESSMENT:

Students who wish to apply for advanced credit in the course should consult the instructor. Credit for prior learning will be given upon successful completion of the following:

VII. REQUIRED STUDENT RESOURCES

Blueprint Reading & Technical Sketching for Industry
(2nd ed) by Thomas P. Olivo

VIII. ADDITIONAL RESOURCE MATERIALS AVAILABLE IN THE COLLEGE LIBRARY:

Book Section (TITLE, PUBLISHER, EDITION, DATE, LIBRARY CALL NUMBER IF APPLICABLE - SEE ATTACHED EXAMPLE)

Periodical Section (MAGAZINES, ARTICLES)

Audiovisual Section (FILMS, FILMSTRIPS, TRANSPARENCIES)

IX. SPECIAL NOTES

Students with special needs (eg. physical limitations, visual impairments, hearing impairments, learning disabilities) are encouraged to discuss required accommodations confidentially with the instructor.

Your instructor reserves the right to modify the course as he/she deems necessary to meet the needs of students.