

North Central **Michigan College**

NCMC CURRICULUM/COURSE OUTLINE FOR YEARS: 2001-2003

DIVISION/AREA: Science and Technology

DEPARTMENT: Technology-Drafting

AREA DEAN: Timothy Dykstra, Ph.D.

ORIGINATOR: Richard Busz

TOTAL HOURS OF INSTRUCTION: Lecture: Lab: Total Contact Hours:

COURSE NUMBER: TDT 111

CREDIT HOURS: .75

COURSE TITLE: BLUE PRINT READING

PREREQUISITE(S)/COREQUISITE(S)/ADVISORY: Prerequisite: None.

Co-requisite: TDT 110

CATALOG DESCRIPTION: Drawings of mechanical and architectural types are understood via the medium of sketching and formal drawings. Detail drawings, assembly drawings, auxiliary views, scales, title block, list of materials, drawing notes, drawing change system and weld symbols are topics of study. Sheet metal prints, threads, machining processes, callouts, gears, splines and serrations are also covered.

GENERAL EDUCATION OUTCOMES OR OCCUPATIONAL PROGRAM OUTCOMES

Refer to College catalog or specific occupational program outcomes and describe how this course meets those outcomes.

COURSE OBJECTIVES & OUTCOMES: Drawings of mechanical and architectural types are understood via the mediums of sketching and formal drawings. Detail drawings, assembly drawings, auxiliary views, scales, title block, list of materials, drawing notes, drawing change system and weld symbols are topics of study.

METHODS OF INSTRUCTION: Lecture, demonstration.

METHODS OF EVALUATION: Test = 60%
Quiz = 40%

COURSE TITLE AND NUMBER: BLUE PRINT READING TDT 111

REQUIRED TEXTS: (Representative List) Print Reading for Industry, Walter C. Brown, 1995 Edition.

Optional supplementary Materials:

Reasonable accommodations may be provided for students with documented physical, sensory, cognitive, systemic, and/or psychiatric disabilities. Please contact the Education Opportunity Program (EOP) at (231) 348-6687 to arrange services for this course.

TIME ALLOWANCE AND SEQUENCE OF INSTRUCTION:

(4 week Course)

Week 1	-Units 7, 8, and 10
Week 2	-Units 11 and 12 Scale Drawings -Units 14, 15, 16 and 17
Week 3	-Take Quiz -Units 19, 20 and 21
Week 4	-Units 23 and 24 -Take Test

APPROVED FOR ADOPTION BY THE CRD/AP COMMITTEE ON _____