

North Central Michigan College

NCMC MASTER COURSE SYLLABUS FOR YEARS 2001-2003

DIVISION/AREA: Business and Technology

DEPARTMENT:

DIVISION DIRECTOR: Robert J. Marsh, Ph.D., P.E.

ORIGINATOR: Robert Marsh, Ph.D., P.E.

DEAN OF INSTRUCTION: Timothy Dykstra, Ph.D.

TOTAL HOURS OF INSTRUCTION: 3 LECTURE: 3 LAB: 0 TOTAL CONTACT HOURS: 52.8

COURSE NUMBER: ARC 110

CREDIT HOURS: 3

COURSE TITLE: Elements of Architecture

TRANSFERABLE YES: NO: X TO:

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

CATALOG DESCRIPTION:

An introductory course in understanding the elements and meaning of architecture. The intent of the course is to provide a broad view of the factors and issues that translate need and purpose into architectural form. Students will become familiar with images of architecture drawn from various times and cultures. Projects and exercises will apply the knowledge and skills acquired in the class.

GENERAL EDUCATION OUTCOMES:

- Think critically and analytically
- Write and speak effectively
- Independently acquire knowledge
- Select and use mathematical tools for problem solving and decision making

COURSE OBJECTIVES & OUTCOMES:

Upon successful completion of the course, the student will have gained basic knowledge of the elements of architecture, including the following:

- Understand how architecture is presented two-dimensionally (plan, sections, elevations, etc.).
- Establish a base of design concepts.
- Introduce references and ideas.
- Develop skills of analysis.

- Apply ideas presented towards projects developed during the semester.
 - Introduce an overview of architectural movements through history in relationship to the basic elements of architecture.
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METHODS OF INSTRUCTION: Lecture, in class projects, homework assignments and projects.

METHODS OF EVALUATION:

The final grade for the course will be based on the following criteria:

Participation and attendance, weekly assignments, final project

REQUIRED TEXTS:

Architecture: Form, Space, and Order by Francis Ching

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:

Week	Topic
1	Course overview, Introduction
2	Primary Elements Historic Overview (Before Greece) Homework– TBD
3	Form (shape, size, color, texture) Historic Overview (Greece and Rome) Homework – TBD
4	Form (position, orientation, and visual inertia) Historic Overview (Pre Romanesque, Romanesque) Homework – TBD
5	Form and Space (horizontal elements) Historic Overview (Islam and West, Gothic) Homework – TBD
6	Form and Space (vertical elements) Historic Overview(Renaissance) Homework – TBD
7	Organizations Historic Overview (Baroque) Homework –TBD
8	Organizations Historic Overview (18 c. and 19 c.) Homework-TBD
9	Circulation Historic Overview (Modern & Postmodern) Homework – TBD
10	Diagrams & Representation Homework – TBD
11	Proportion and Scale Homework – TBD
12	Landscape and Architecture Homework – TBD
13	Design Principles Homework – TBD
14	The Architect’s Role Homework-TBD
15	Final Project Presentations
16	Final Project Presentations

APPROVED FOR ADOPTION BY THE CRD/AP COMMITTEE ON _____