

I. COURSE DESCRIPTION:

Department Information

Division: Science & Math Division

Department: Architecture

Course ID: ARCH 145

Course Title: HISTORY OF ARCHITECTURE: EARLY DESIGN TO GOTHIC

Units: 3

Lecture hrs: 3

Laboratory hrs: None

Prerequisite: None

Co-requisite: None

Departmental Advisory: None

Catalog and Schedule Description: A Survey of Western architectural history from the early Egyptians to the Gothic period, including a comparative study of architecture and architects with emphasis on the people, locations, structures, materials, and methods of construction.

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

III. EXPECTED OUTCOMES FOR STUDENTS:

Upon successful completion of the course, the student should be able to:

- A. Recognize and describe the development of Western architectural styles.
- B. Distinguish major characteristics of each style.
- C. Compare and contrast different styles.
- D. Assess the historical, environmental, social, religious and political influences on architecture.
- E. Evaluate the evolution of structural/engineering systems.
- F. Identify major monuments of each style.
- G. Identify major architects, engineers and designers-and their associated projects.
- H. Define and understand architectural terminology.

IV. CONTENT:

- A. Reasons For Studying History
 1. 3-Dimensional record of human history
- B. History of Design
 1. Vernacular Tradition
 2. Academic Tradition
- C. Methods of Analysis
 1. Monograph
 2. Compare/Contrast
- D. Types of Architectural Records
 1. Photographs, Paintings
 2. Architectural Drawings
 - a) Site plans
 - b) Floor plans
 - c) Elevations
 - d) Axonometric drawings
 - e) Perspective drawings
 - f) Details
- E. The Beginnings of Architecture
 1. Ancient Egypt
- F. The Second Millennium

1. The Minoan Civilization
2. The Mycenaean Civilization
- G. The Greek World
 1. Building Techniques and Materials
 2. City Planning
 3. Temples
 4. Public Buildings
 5. Residences
- H. Roman Architecture
 1. Building Techniques and Materials
 2. City Planning
 3. Temples
 4. Public Buildings
 5. Residences
- I. Early Christian and Byzantine Architecture
 1. Catacombs
 2. Early Christian Basilicas
 3. Martyria, Baptistries and Mausolea
 4. Byzantine Basilicas and domed Basilicas
 5. Byzantine Churches
- J. Medieval, Carolingian, and Romanesque
 1. Carolingian Architecture
 - a) Monasteries
 - b) Chapels
 2. Pilgrimage Churches
 3. Romanesque Basilicas
 4. Central European Churches
 5. Castles
 6. Medieval Cities
- K. Gothic Architecture
 1. Early Gothic Church Design
 2. High Gothic Church Design
 3. Master Builders and Medieval Construction
 4. Gothic Architecture in England
 5. Growth of Cities and the Merchant Class
 6. Secular Architecture and Civic Design

V. METHODS OF INSTRUCTION:

- A. Lecture-accompanied by the used of:
 1. Slides
 2. Videos
- B. Class and small group discussions
- C. Critical evaluation of videotapes, film, audiotapes, newspaper, journal articles
- D. Field trips
- E. Guest Speakers
- F. Demonstrations

VI. TYPICAL OUT-OF-CLASS ASSIGNMENTS:

- A. Reading Assignment. Reading assignments are required and may include (but are not limited to) the following:
 1. Example : Read chapter on Byzantine Architecture and write a summary of the important elements of design.

- B. Writing Assignment. Writing assignments are required and may include (but are not limited to) the following:
 - 2. Prepare a 5-page research paper on architect or structure *NOT* covered in class.
 - 3. Conduct an architectural survey of a 2-block (both sides) area of your community. Photograph all buildings, prepare descriptions and include a limited history for each building.
 - 4. Attend an outside architectural lecture, seminar or exhibition. Prepare a summary and include proof of attendance.
- C. Critical Thinking Assignment. Critical thinking assignments are required and may include (but are not limited to) the following:
 - 5. Prepare a written description of either your current home or the one associated with your early childhood. Include a discussion of the context, the site, as well as BOTH the interior and exterior of your home. Provide as much detail as possible. Part II: Exchange your description with another student. Graphically interpret the design and appearance of this residence.

VII. EVALUATION:

A student's grade will be based on multiple measures of performance and will reflect the objectives explained above. A final grade of "C" or better should indicate that the student has the ability to successfully apply the principles and techniques taught in this course. These evaluation methods may include, but are not limited to, the following:

- A. Methods of Evaluation:
 - 1. Critique of individual projects
 - 2. Quizzes
 - 3. Extra credit project
- B. Frequency of Evaluation:
 - 1. 5 quizzes during semester

VIII. TYPICAL TEXTS:

- 1. Understanding Architecture: Its Elements, History, and Meaning, Roth, Leland; Harper Collins, 1992.
- 2. Art and Architecture, Ross, Stewart; Lucent Books, 2004.
- 3. Early Medieval Architecture as Bearer of Meaning, Bandmann, Gunter; Columbia University Press, 2005.

IX. OTHER SUPPLIES REQUIRED OF STUDENTS: NONE