

COMMON COURSE NUMBER:   ARC 2921  

COURSE TITLE:   Architecture Study Abroad  

CREDIT HOURS:           3          

CONTACT HOURS BREAKDOWN:

Lecture/Discussion	<u>          48          </u>
Lab	<u>          00          </u>
Other	<u>          00          </u>
Contact Hours/Week	<u>          3          </u>

CATALOG COURSE DESCRIPTION:

Prerequisite:   None

Corequisite:   None

A combination of classroom preparation plus travel to include sketching, photography, critique and review of architectural history and design; Variable content depending upon areas visited.

General Education Requirements - Associate of Arts Degree, meets Area(s):

General Education Requirements - Associate in Science Degree, meets Area(s):

UNIT TITLES:

1. History of Architectural Periods
2. Identification of Historically Significant Buildings
3. Construction Materials and Methods
4. Climate and Topography Influencing Architecture
5. Social and Cultural Issues Influencing the Architecture of the Buildings
6. Design Issues Influencing each Building
7. Architectural Symbolism

## **I. Course Overview:**

Upon successful completion of this course, the students should be able to demonstrate an understanding of the architecture of the past, be familiar with the best examples of architecture of each period, and have a better understanding of the factors which influenced the development of architecture through time.

## **II. Units:**

### **Unit 1. History of Architectural Periods**

#### General Outcome:

- 1.0 The students should be able to identify the general characteristics of the architectural periods covered.

#### Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 1.1 Compare different architectural periods.
- 1.2 Understand the time period in which they developed.
- 1.3 Relate the important historical events of each period.

## Unit 2. Identification of Historically Significant Buildings

### General Outcome:

2.0 The students should be able to identify the historically significant buildings of each period.

### Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 2.1 Recognize typical buildings of each period.
- 2.2 Identify differences between the individual buildings.
- 2.3 Identify design characteristics of each building.
- 2.4 Understand the development of the building typology.
- 2.5 Understand the development of the building form.

### Unit 3. Construction Materials and Methods

#### General Outcome:

3.0 The students should be able to identify materials and building methods typical of the periods.

#### Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 3.1 Identify vernacular materials.
- 3.2 Relate the type of materials to the building form.
- 3.3 Understand the technological level of the construction methods for the time period.
- 3.4 Understand how materials and construction ability influenced the architecture.

## Unit 4. Climate and Topography Influencing Architecture

### General Outcome:

4.0 The students should be able to understand the climatic and topographic factors influencing design.

### Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 4.1 Understand how different building forms are influenced by climate.
- 4.2 Understand how different building forms are influenced by topography of the place.
- 4.3 Contrast different building forms and siting of buildings to climatic and topographic factors.

**Unit 5. Social and Cultural Issues Influencing the Architecture of the Buildings**

General Outcome:

5.0 The students should become familiar with social and cultural factors influencing the design of the buildings.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 5.1 Understand how culture influences architecture.
- 5.2 Understand the relation between the social structure of the society and the predominant building types.
- 5.3 Relate religious beliefs to the development of the architecture.
- 5.4 Understand how the typical activities of the time influenced the architecture.
- 5.5 Relate the level of technology to the architecture.
- 5.6 Understand the relationship between the urban and rural factors and the development of the buildings.
- 5.7 Relate the intellect, refinement and human appreciation of the time as it relates to the development of architecture.

## Unit 6. Design Issues Influencing each Building

### General Outcome:

6.0 The students should be able to understand the design issues influencing the architecture of the buildings.

### Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 6.1 Understand the development of design parameters and rules.
- 6.2 Understand the architectural elements typical to the buildings.
- 6.3 Understand factors that shaped the building design.
- 6.4 Identify the principles of design applied to each building.

## Unit 7. Architectural Symbolism

### General Outcome:

7.0 The students should be able to relate architectural symbolism to the buildings of the period.

### Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 7.1 Identify how symbolism influenced the architecture of particular buildings.
- 7.2 Relate the symbolic level of the buildings to the times.
- 7.3 Relate the influence the symbolism of the buildings had over the population.
- 7.4 Understand symbolic expression in architecture.