



## **Course Description**

### **ARC1301 | Architectural Design 1 | 4.00 credits**

Introductory course to architectural design, its scope, methods and vocabulary interfacing graphics and design as a means towards an awareness and understanding of basic organizational principles. Design concepts analyzed through graphical representation and modeling. Pre/corequisite: ARC1115.

## **Course Competencies:**

**Competency 1:** the student will demonstrate an understanding of the scope, methods, and vocabulary of architectural design, interpreting and articulating design concepts through graphical representation and modeling by:

1. Interpreting design concepts through graphical representation and modeling, demonstrating an understanding of the scope, methods, and vocabulary of architectural design
2. Articulating design concepts through graphical representation and modeling, showcasing proficiency in the scope and methods of architectural design
3. Demonstrating an understanding of the methods and vocabulary of architectural design by effectively interpreting and articulating design concepts through graphical representation and modeling

**Competency 2:** the student will apply fundamental organizational principles in architectural design, utilizing graphics and design as tools to develop an awareness and understanding of spatial relationships and functionality by:

1. Applying fundamental organizational principles in architectural design, utilizing graphics and design to develop an awareness and understanding of spatial relationships and functionality
2. Developing an awareness and understanding of spatial relationships and functionality by applying fundamental organizational principles
3. Utilizing graphics and design as tools to apply fundamental organizational principles in architectural design and develop an awareness and understanding of spatial relationships and functionality

**Competency 3:** the student will analyze design concepts through graphical representation and modeling, integrating architectural vocabulary to express and communicate fundamental principles of design and spatial organization by:

1. Integrating architectural vocabulary to express and communicate fundamental principles of design while analyzing design concepts through graphical representation and modeling
2. Expressing and communicating fundamental principles of design and spatial organization by integrating architectural vocabulary while analyzing design concepts through graphical representation and modeling
3. Analyzing design concepts through graphical representation and modeling, integrating architectural vocabulary to effectively express and communicate fundamental principles of design

## **Learning outcomes:**

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Demonstrate an appreciation for aesthetics and creative activities