ARCHITECTURAL DESIGN, ASSOCIATE IN SCIENCE

The Associate of Science (AS) in Architectural Design provides a balance of architectural technical design, with lower division courses that provide students with a diverse foundation of knowledge in the fields of architecture, landscape architecture, and urban planning, which prepares them for careers in a wide range of design fields. The program prepares students to work as architectural technicians or designers in an architectural, engineering, or development office.

The curriculum visualizes architecture as a cultural, creative, and technical practice and discipline with direct social impact. The program provides preparation for the baccalaureate degree and beyond and/or the training for professional careers while providing a technical associate degree.

This AS program offers students study and job-related experience in architectural drafting, construction techniques, design, rendering, and energy systems, as well as opportunities to develop skills necessary for employment in the professional field of architecture.

Course ID	Title	Units/ Hours
Required Core Courses		
ARCH V10	Introduction to Architectural Design	2
ARCH V21	Architectural Graphics I	3
ARCH V22	Architectural Graphics II	3
ARCH V40	Architectural Design I	3
ARCH V41	Architectural Design II	3
Total Required Core Units		**14**
Additional Required Courses (Select 2 courses)		
ARCH V11/CT V20/ DRFT V02B	Blueprint Reading: Architectural/ Construction	3
ARCH V15	Design and Model Construction	2
ARCH V25	Digital Tools for Architecture	3
ARCH V95	Architecture Internship I	3
or ARCH V96	Work Experience Education in Architecture	
DRFT V51	Design Animation and Modeling	2
Total Additional Units		**5-6**

Total Required Major Units		**19-20**

Ventura College General Education Pattern		
Major Units		19-20
GE Pattern Units		29
Double-Counted Units		0
Elective Units (to reach 60 units)		11-12
Total Units for the Associate Degree		**60**

Recommended Courses

In addition to the courses listed above, it is recommended that students who seek to obtain additional insight into the field of study consider taking one or more of the following courses: ARCH V23 Introduction to AutoCAD (Units: 2), ARCH V24 Advanced Operations of AutoCAD (Units: 2), ARCH V31 Revit Practice I (Units: 3), ARCH V32 Revit Practice II (Units: 3), ARCH V33 Computer Applications in Architecture (Units: 3), ARCH V60 Simplified Engineering for Building Construction (Units: 3), ARCH V64 Building Construction: Materials and Methods (Units: 3), CT V64 Building Construction: Materials and Methods (Units: 3), DRFT V05A Introduction to AutoCAD (Units: 2), DRFT V05B Advanced Operations of AutoCAD (Units: 2).

Although these supplemental courses may be of value to the student, please note that they do **not** satisfy the requirements for this degree.

Year 1		
Fall Semester		**Units/Hours**
ARCH V10	Introduction to Architectural Design	2
ARCH V11	Blueprint Reading: Architectural/Construction	3
ARCH V21	Architectural Graphics I	3
ARCH V40	Architectural Design I	3
Select a General Education course		4
	Units/Hours	**15**
Spring Semester		
ARCH V22	Architectural Graphics II	3
ARCH V25	Digital Tools for Architecture	3
ARCH V41	Architectural Design II	3
Select General Education courses		6
	Units/Hours	**15**
Year 2		
Fall Semester		
Select General Education courses		15
	Units/Hours	**15**
Spring Semester		
Select General Education courses		4
Select Elective courses		11
	Units/Hours	**15**
	Total Units/Hours	**60**

Upon successful completion of this program, students will be able to:

- Students will recognize and critically analyze the elements and principles of architectural design and construction
- Students will develop critical understanding of the practice of architecture and its components.
- Students will have the ability to recognize and execute cognitive, cultural, physical, social and sustainable factors in planning construction and the execution of architectural designs.
- Students will display competency with graphic communication of ideas.