

# ARC: ARCHITECTURE

Courses	Credit(s)	Contact	Lab
ARC 1201C. THEORY OF ARCHITECTURE. THEORY OF ARCHITECTURE This course explores cultural and philosophical considerations that affect current practices in the design of the built environment, with emphasis on how these issues impact the quality of life. Works and writings of architects past and present will be studied, providing a unifying thread connecting various topics throughout the course. When available, guest speakers will present special topics. (Special Fee: \$31.00).	2	2	1
ARC 1301C. ARCHITECTURAL DESIGN I. ARCHITECTURAL DESIGN I Prerequisite: Student's official Valencia record must indicate A.A. Degree Pathway: Architecture as the declared major. This course is an introduction to the fundamentals of two- and three-dimensional design, principles of architectonics, and basic architectural design. Model making, drawing and rendering techniques will be applied to projects that explore the conceptualization and communication of design ideas. (Special Fee: \$31.00).	4	3	2
ARC 1302C. ARCHITECTURAL DESIGN II. ARCHITECTURAL DESIGN II Prerequisite: ARC 1301C Prerequisite or corequisite: ARC 1201C This course is a focused study of two-dimensional design, including the primary elements of line, shape, color, value, balance, texture and rhythm. Assigned projects will explore the application of scale, space and proportion in basic architectural design, using a variety of media and materials. (Special Fee: \$31.00).	4	3	2
ARC 1701. HISTORY OF ARCHITECTURE I. HISTORY OF ARCHITECTURE I Prerequisite: Minimum grade of C in ENC 1101 or ENC 1101H or IDH 1110 This introductory course provides a general survey of cultural, aesthetic, and socio-political influences which have affected and shaped architecture from pre-historic times through the end of the seventeenth century. Gordon Rule course in which the student is required to demonstrate college-level writing skills through multiple assignments. Minimum grade of C required if used to satisfy Gordon Rule requirement.	3	3	0
ARC 2180C. INTRODUCTION TO DIGITAL ARCHITECTURE. INTRODUCTION TO DIGITAL ARCHITECTURE Prerequisite: Minimum grade of C in ARC 1302C or departmental approval This course will provide another media for students to convey their architectural work and their space making skills. This media will be one of the design vehicles for exploration, experimentation, and most importantly, representation. It is anticipated that this course will work in conjunction with the design studios to allow students to implement these digital techniques. Also, the various 2D and 3D digital interfaces introduced will be of industry standard, which will allow for a sense of preparation for the current methods and practices for professional growth. (Special Fee: \$73.00).	3	3	0
ARC 2303C. ARCHITECTURAL DESIGN III. ARCHITECTURAL DESIGN III Prerequisite: ARC 1302C A focused study of three-dimensional design, including the principles of architectonics and communication of design ideas. Model making, drawing and rendering techniques will be applied to projects that explore conceptualization and material usage. Issues of human use in relationship to program and function are considered in detail. Projects vary but often address residential or institutional programs, and involve the integration of form, massing, structure, circulation, light and context. (Special Fee: \$51.00).	5	3	2
ARC 2304C. ARCHITECTURAL DESIGN IV. ARCHITECTURAL DESIGN IV Prerequisite: ARC 2303C The course addresses the issues of functional relationships, spatial composition, and site constraints, as well as selection and detailing of building materials. A sequence of design exercises and projects with a high degree of complexity will explore the three-dimensional nature of architectural forms and spaces. Models are primary in this course, with drawing exercises supplementing each project to develop, refine, and communicate design ideas. (Special Fee: \$51.00).	5	3	2
ARC 2461. MATERIALS AND METHODS OF CONSTRUCTION. MATERIALS AND METHODS OF CONSTRUCTION Broad introduction to the methods and materials used in the construction of the built environment and to building technologies as they influence both architectural design and construction.	4	0	0
ARC 2702. HISTORY OF ARCHITECTURE II. HISTORY OF ARCHITECTURE II Prerequisite: ARC 1701 This introductory course provides a general survey of the cultural, aesthetic and socio-political influences which have affected and shaped architecture from the beginning of the eighteenth century to the present.	3	3	0