

Special Topics in Architecture

ARCE 1491

CIP	Rubric	Course Title	Sem Cr Hrs	Min Cont Hrs	Max Cont Hrs
04.0901	ARCE 1491	Special Topics in Architecture	4	64	112

Suggested Pre-requisite: DFTG 1317 Architectural Drafting - Residential

Course Level: Intermediate

Course Description: Study of the history of architecture in Spain from the ancient civilizations to the present and its influence on the Spanish residence. Emphasis on the relationship, culture, geography, climate, natural resources, and materials to the methods of construction. How this emphasis influences the design of the Spanish villa and incorporate those design concepts and philosophy in the layout of the plan for the Spanish house.

End-of-Course Outcomes: Utilize architectural terms, symbols, residential construction materials, and processes to produce sketches of details or preliminary design drawings including plans and elevations of a Spanish colonial or Spanish mediterranean villa of residence. Gain a general understanding of historical architecture and its influence on the design of a residence.

Lab Recommended: International Studies Abroad travel to Spain

CIP Code Description: 04.0901 (Architectural Technology / Technician)

Year: 2012

The Coastal Bend College Drafting & Design department will be embarking on an adventuresome tour to Spain in June 22 through July 5, 2012. We are proposing the development of this special topics course in architecture which all of the students can receive either 4 SCH credit or 6.4 CEU credit

Contact Jack Young at 361-354-2325 for more information.

SYLLABUS

ARCE 1491

Special Topics in Architecture

Suggested Pre-requisite: DFTG 1317 Architectural Drafting - Residential

Semester Hours **4**

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Learning Outcomes: Utilize architectural terms, symbols, residential construction materials, and processes to produce sketches of details or preliminary design drawings including plans and elevations of a Spanish colonial or Spanish mediterranean villa of residence. Gain a general understanding of historical architecture and its influence on the design of a residence and perform a research paper on this subject of a significant architectural building or structure.

Lab Recommended: International Studies Abroad travel to Spain

CIP Code Description: 04.0901 (Architectural Technology / Technician)

Course Objectives

1. The student will become familiar with CAD equipment and learn to perform basic drawing functions on the computer, and develop manual drafting skills by sketching.
2. Each student will be expected to demonstrate his/her ability at creating preliminary design drawings of a residence by selected problems chosen by the Instructor.
3. Demonstrate proper drawing layout to scale, utilizing CAD techniques.
4. Demonstrate proper sketching techniques and manual drawing principles using the scale.
5. Each student will demonstrate how to layout a set of preliminary design drawings of a residence.

6. Each student will perform one of the following: 1. assemble a portfolio of drawings for a residence. 2. Develop a set of sketches of architectural details. 3. Perform a research paper on a building of architectural significance.

Teaching Methods

1. Lecture
2. Demonstrations
3. Hands-on utilization of CAD equipment and manual drafting / sketching techniques.
4. Guest – speakers / field trip excursions.

Evaluation Methods

1. Complete set of preliminary design drawings in (CAD) for a residence.
2. Complete set of sketches of residential details.
3. Research paper on a historical architectural building of significance.
4. **Evaluation Methods;**
5. Drawings & Assignments 50%
6. Attendance and Participation 50%
7. SEMESTER GRADE 100%

A 100-90 Points, B 89-80 Points, C 79-70 Points, D 69-60, F 59 & below

Class Attendance

Regular class attendance is fundamental to success. Students must report regularly and promptly to classes. As this course is based on an international studies abroad to Spain, in order for Students enrolled in this course to receive full credit for the course the student(s) must participate in the travel and tours throughout the entire duration of the course which is 2 weeks. However, in the event of illness or emergency, student(s) will be allowed 2 full sick days as an excused absence, if any additional absences are required, then the student must provide a Doctor's excuse for approval by Instructor. If any other travel arrangements are made to return earlier than the 14 day time allotted, full credit may be denied for this course as this course is an educational tour for studying historic architectural site in the host country.

ASSIGNMENTS:

Note: select one of the assignments below to complete as your semester project

Assignment #1 – Handout by Instructor basic layout requirements for developing plans of a residence. Develop a set of preliminary design plans to include a floor plan, elevation(s) and a building section or perspective.

Assignment # 2 – develop a sketch book to include a portfolio of sketches of various significant architectural details of a residence or noted buildings of architectural significance.

Assignment #3 - perform a 6 page research paper consisting of research of a building of architectural significance, consisting of 1000 words or more.

Statement on Students with Disabilities

Each CBC campus offers support services for students with documented physical or psychological disabilities. Students with disabilities, including learning disabilities, who wish to request accommodations in this class, should contact the Counseling Office as soon as possible to make arrangements. In accordance with federal law, a student requesting accommodations must provide documentation of disability to the Special Needs Counselor.

For more information, please go by the Counseling Office, or contact:

Beeville Counselor: Eddie Rojas, edrojas@coastalbend.edu (361)354-2731

Alice Counselor: Dee Berthold, deede@coastalbend.edu (361)664-2981

Kingsville Counselor: Pete Trevino, ptrevino@coastalbend.edu (361)591-1615

Pleasanton counselor: Lauren Denver, ldenver@coastalbend.edu (830)569-1223

Students who are requesting accommodation **must** provide the instructor with a letter of accommodation from the Counseling Office (OSD). Accommodations can only be made after the instructor receives the letter of accommodation.

Coastal Bend College does not discriminate on the basis of race, creed, color, national origin, gender, age, or disability.