BCN 3761 CONSTRUCTION DOCUMENTATION AND COMMUNICATION
OHL School of Construction
Florida International University (/)

INSTRUCTOR
Prof. Ronald A. Baier, M.E, P.E.,
MMC-EC 2955, FIU @ I-75 Room 314
Office Tel: (305) 348-3172 (MMC), (954) 438-8600 (FIU@I-75)
Home Tel: (954) 522-2760
Fax: (305) 348-6255 (MMC), (954) 438-8606 (FIU@I-75)
E-mail: baier.ohlsc@gmail.com

Office Hours: 1400-1700 M &T; 1400-1530 R & F; Room 2955 Engineering Center (EC), Modesto A. Maidique Campus (MMC), Miami, Florida
1400 – 1630, W, Room 314, FIU@I75 Bldg., Broward FIU@I75 Campus (FI75), Miramar, Florida.

Notes concerning office hours: Meetings at other times can be arranged. The object is to ensure that there is an opportunity to discuss whatever needs to be discussed. Students with appointments will take priority over walk-ins. Walk-ins will be seen, time permitting. Appointments may be scheduled through the departmental secretaries who can be reached at: (305) 348-3172 (EC) or (954) 438-8600 (FI75).

Class Schedule: W, 1825-2105, Room FI75 425, FIU @ I-75 Campus (FI75)

CATALOG DESCRIPTION

Writing and transmitting construction documentation for technical and legal requirements for construction projects in a global context. Stresses development of verbal and written communication skills.

ACCE CATEGORY: CONSTRUCTION SCIENCE

COURSE STUDENT LEARNING OUTCOMES

The student will gain an understanding of the requirements for the organization and writing of technical Specifications and other documentation required for construction projects and the conduct of such projects in both domestic and international domains. The topical contents of this course include:

- Terminology and units of measure
- Standards designations, sizes, and graduations

http://bcn3761.weebly.com/course-syllabus.html
GLOBAL LEARNING COURSE OUTCOMES

This course is a global learning course that meets the FIU Quality Enhancement Plan (QEP) criteria for Global Learning Student Learning Outcomes (GLSLOs).

By learning the differences and similarities encountered in the performance of the work of construction projects in various countries outside of the U.S., students will be able to demonstrate an understanding of the interrelatedness of local, international and intercultural issues that present themselves during these activities. By comparing how similar construction problems are solved in other countries, students will be able to conduct a multi-perspective analysis of specific problem solving techniques and solutions. This will foster a willingness to work on diverse teams engaged in international and intercultural problem solving in order to successfully complete the construction project.

Upon completion of this course, the student will have achieved the following global learning course outcomes.

The student will:

Global Awareness

· Be able to demonstrate an understanding of the interrelatedness of local, international and intercultural issues that present themselves during the implementation of construction projects involving collaborators from various countries around the world.

Global Perspective

· Be able to conduct a multi-perspective analysis of specific problem solving techniques and solutions used in the implementation of construction projects involving collaborators from various countries around the world.

Global Engagement

· Demonstrate a willingness to work on a diverse team engaged in international and intercultural problem solving in order to successfully complete a construction project that involves collaborators from various countries around the world.

PRE-REQUISITES

There are no prerequisites for this course.

REQUIRED TEXT BOOK


REQUIRED READING


SCHOOL MISSION

The OHL School of Construction’s mission is to provide enlightened leadership to the construction industry through its graduates; to increase and to improve the body of working knowledge; and to promote the interdisciplinary transfer of technology. The School also strives to produce professional construction managers who are informed and participating citizens with a sense of civic duty and responsibility; persons with a sense of dignity whose actions express high moral and ethical standards; and professionals who strive to comprehend the impact of their work on their own lives as well as on the society in which they live.

ATTENDANCE POLICY

Attendance is required at all class sessions. One (1) percentage point will be deducted from a student’s final grade average for each unexcused absence and one-half (1/2) point will be deducted for each time a student is late without an approved excuse.

CONDUCT/GRADING

Homework will be assigned and collected on the dates indicated in the syllabus. Late submissions will not be accepted. There will be two (2) examinations, one (1) short essay, a term paper with an oral presentation and occasional class participation, as requested by the instructor. All of these elements are required for successful completion of the course. Make-up examinations will not be given unless an absence is approved ahead of time or in the event of a verifiable illness or emergency. Work or vacation is not an emergency. The final grade for the course will be based on the students’ understanding of the course material as evidenced by their performance on examinations, assignments, and class participation as follows:

Term Project [PowerPoint oral presentation] ................................................................. 20%

One (1) Writing Assignment (3 pages minimum: Submitted to Turn-It-In.com) .....................15%

Two (2) examinations totaling 65% [Exam 1 (Midterm): 30%; Exam 2 (Final): 35%] ............65%

These weights may be changed at the discretion of the instructor to reflect the emphasis placed on the material presented during the course. All examinations, homework, and other student work are the intellectual property of the student, but may be retained by the instructor. Examination dates, homework assignments and due dates are indicated in the Course Outline, but are subject to change at the instructor’s discretion. It is the responsibility of the student to keep abreast of the class schedule. Absence from class will not be acceptable as a valid reason for missing a scheduled examination or submittal of a class assignment. Each student should obtain contact information from at least two (2) classmates so that important class information may be transmitted in case of an unavoidable absence. In addition, for additional information, every student must log in to the course website daily, which is discussed on the last page in the final paragraph of this syllabus.

CELL PHONES

The activation or use of any telecommunications device (pager, telephone, radio, etc.) during class session is strictly forbidden except when the student can reasonably expect an emergency call and so informs the instructor ahead of time. WORK RELATED AND NORMAL FAMILY OR SOCIAL CALLS ARE NOT AN EMERGENCY. Students should
disable any audible alarm or signal on such devices prior to class. Individuals whose pagers, telephones, etc., are audibly activated during class may be asked to leave the session and recurrent instances with the same individual may result in a failing grade for the course.

RELIGIOUS HOLIDAYS

The School adheres to the University’s policy concerning religious holidays as stated in the University catalogue. Any student may request to be excused from a class to observe a religious holiday for their faith. Assignments due on that day will be due the day following the holiday. If a quiz falls on a religious holiday, an alternate date will be provided. Students are expected to inform the instructor ahead of time so that appropriate arrangements may be made.

ACADEMIC MISCONDUCT

Any act of academic misconduct, e.g., cheating, plagiarism, misrepresentation, etc., will not be tolerated. A student found to be engaging in such behavior will receive an automatic “F” in the course and may be subject to additional disciplinary sanctions, including expulsion from the University.

STUDENT CODE OF STANDARDS

By attending this class, the student is required to comply with the Florida International University Student Code of Standards, including, but not limited to, references concerning classroom behavior, discrimination, sexual harassment and academic misconduct. A copy of the Code may be found in the University Student Handbook.

DISABILITY RESOURCE CENTER

Students with disabilities who may need special accommodations should register with the Disability Resource Center (GC 190, MMC), telephone (305) 348-3532. In addition, they are encouraged to contact the instructor so that arrangements can be made to accommodate their needs.

COURSE PROCEDURES

This course involves the study of writing and transmitting construction documentation for technical and legal requirements for construction projects in a global context, and also stresses the development of verbal and written communication skills. Construction sites are global venues. It is essential that those who work in construction management, whether they be technicians, managers, foremen, architects, or laborers, gain the knowledge, skills, and attitudes requisite to collaborate on international teams and engage in multi-perspective problem-solving. This course will explore the interrelationship of global issues that impact the conduct of a construction project. Students will gain skills in perspective-taking, and engage in activities in which they will have the opportunity to demonstrate their multi-perspective problem-solving skills in a global context.

Depending upon class size, students will be organized either individually OR in teams of two to fulfill the term project requirements of researching an assigned topic, preparing a comprehensive written report of their findings and then discussing the results of their research in an oral presentation. The assigned project will consist of an international construction project case study that will address how construction activities, conducted in a country outside the U.S. involving collaborators from various countries around the world, interact with global issues, trends and systems.

TERM RESEARCH PROJECT: TBA IN CLASS

COURSE WEBSITE

The course website is: bcn3761.weebly.com (mailto:bcn3727@weebly.com). Students in this course MUST login to the website once per day, in order to keep abreast of changes, updates, etc. that may present themselves throughout the semester. Emails concerning course issues should NOT be sent to my FIU mail, but rather to the course Mail: baier.ohlsc@gmail.com. In order to solicit a response, every email must have the