

BCN 3012 History of Construction

M.E. Rinker Sr. School of Construction Management
University of Florida

On-Line SYLLABUS

Professor: Richard L. Smailes, Ph.D.

e-mail: rsmailles@ufl.edu

Learning Outcomes:

Students will demonstrate their ability to:

- Identify the basic geographic location and key characteristics of major historic buildings and construction projects throughout the world.
- Appreciate present day construction and its development as a product of contributions from a long series of significant world civilizations.
- Recognize how concepts such as socioeconomic, religious, political, aesthetic, geographic and cultural, as well as the choice of materials, helped to shape buildings and communities through the centuries.
- Understand the evolution of materials and technology in a context of history and architectural styles and periods.
- Be aware of the methods and techniques of master builders and craftsmen and present a survey of old world socio-economic considerations.
- Understand how the birth of science has effected modern building technology
- Reframe view of the world to incorporate a more global perspective.

Brief Syllabus Content:

- ✚ What is History of Construction & Why Study It
- ✚ The Beginnings of Architecture
- ✚ The Greeks and Aegean Cultures
- ✚ Chinese Construction Projects and Practices
- ✚ The Roman Empire Builders
- ✚ Early Christian and Byzantine Building
- ✚ Islamic Architecture
- ✚ Early Medieval and Romanesque Building
- ✚ Gothic Architecture & Building Technology
- ✚ The Renaissance & Baroque Periods
- ✚ Indigenous Architecture and Building in Africa and the Americas
- ✚ Post Industrial Revolution Technological Advances
- ✚ The Twentieth Century and the Skyscrapers
- ✚ Civil Construction Projects

Required Text:

Buildings Across Time: An Introduction to World Architecture. Michael Fazio, Marian Moffett, Lawrence Wodehouse. 3rd or 4th Edition McGraw-Hill

Method of Instruction

The course material will be presented using recorded lectures and related readings/videos. Students will read each chapter and take an on-line quiz. **Quizzes are based primarily on the book reading while exams are based on the lectures.** All the quizzes and tests will be held online, through e-learning. The questions will be in multiple choice, true/false, and matching relationships format. The tests are non-cumulative, but will assume that you have understood everything in the previous chapters.

Grading Policy

Grades for this course will be determined by a combination of quizzes, and exams. No late assignments will be accepted. There will be no make-up work provided, unless there is a documented medical emergency. Please keep in contact with the Course Instructor through the e-Learning email system about anticipated conflicts with submitting work in a timely manner. Flexibility is much more feasible prior to submission deadlines than after the fact.

Grade Release

Your score for your quizzes will be available immediately following your submission, however, you will not see the questions and/or answers. Your test scores will be released after the timed period is over. Again, only your score will be released. All timed assessments will release to 'Gradebook' after the availability period has ended.

Make-Up Policy

You are responsible for staying on top of your coursework throughout the semester.

No late work will be accepted. Computer problems that arise during submission will not be accepted as an excuse for late work. All work must be completed and submitted by the designated time in E-Learning or you will not receive credit for the assignment.

All quizzes and tests are available from the first day. Be aware of the closing dates of the quizzes and tests as you **WILL NOT be allowed to make up quizzes if you miss the availability period.**

Canvas

This course utilizes Canvas as a repository for all course material including lecture notes, quizzes, and grades. It is the student's responsibility to take advantage of the university resources to learn how to utilize Sakai.

Counseling

The University of Florida maintains extensive counseling facilities for students. Resources are available at <http://www.counseling.ufl.edu/cwc/> . The instructor recommends that you visit this web-site to become acquainted with the range of services available.

Honor Code and Academic Honesty

<https://catalog.ufl.edu/ugrad/current/advising/info/student-honor-code.aspx>

Students with Disabilities:

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. **It is the responsibility of the student to contact the Course Instructor via e-Learning indicating special needs assistance AT THE BEGINNING OF THE SEMESTER.** 0001 Reid Hall, 392-8565, <https://www.dso.ufl.edu/drc/>

Course Conduct

Although this is an online course, all students are expected to act as if it were a traditional course. Course communication should be civilized and respectful to everyone and relevant to the course content, material, and E-Learning system. The means of communication provided to you through E-Learning (e-mail, discussion posts, course questions, and chats) are at your full disposal to use in a respectful manner. Abuse of this system and its tools through disruptive conduct, harassment, or overall disruption of course activity will not be tolerated. Conduct that is deemed to be in violation with University rules and regulations or the Code of Student Conduct will result in a report to the Director of Student Conduct and Conflict Resolution for a conduct code infraction.

Grading

Quizzes 8 @ 10 points = 80 points All tests & quizzes are on Canvas Tests 5 @ 100 points = 500 points Google Map 1 @ 20 points = 20 points Total Points 600 points												
Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E
Numeric Grade	93-100	90-92.99	87-89.99	83-86.99	80-82.99	77-79.99	73-76.99	70-72.99	67-69.99	63-66.99	60-62.99	0-59.9
Quality Points	4.0	3.67	3.33	3.0	2.67	2.33	2.0	1.67	1.33	1.0	0.67	0.0