CM 3500 – Building Codes  
Construction Management Department  
College of Architecture & Construction Management  
Term: Fall 2017

Prerequisite: CM 3500  
Class Meeting time: M & W 3:30 – 4:50 PM  
Course Website: [http://d2l.kennesaw.edu](http://d2l.kennesaw.edu)  
Class Location: H 320  
Class instruction methodology: Lecture & Lab (3-0-3)  
Instructor: Professor Jacqueline F. Stephens  
Office Location: H 335  
Office Hours: Monday & Wednesday 2:00 pm – 3:00 pm  
Tuesday & Thursday 4:00 pm – 6:00 pm  
Email/Phone: jstep109@kennesaw.edu, office: 470-578-4230, cell: 678-995-5699  
Course Communications: Use the above email address  

Required Text/ISBN Number: Online

COURSE SYLLABUS
The intent of the syllabus is to provide the students with information on the course content, required learning outcomes, grading policy, course policies, and Kennesaw State University student policies and resources. This syllabus also includes the tentative topical outline and schedule. Each student is expected to abide by the stated policies.

Course Catalog Description:
This course will provide an overview of building codes from the perspective of construction managers and superintendent. Various issues related to building codes, which must be considered by the PM/CM/superintendent, will be discussed and follow the scheduled reading assignments.

Student Learning Outcomes:
- SLO1 Understand construction quality assurance and control through the understanding of building codes regulations.
- SLO2 Understand the legal implications of contract, common, and regulatory law to manage a construction project.
- SLO3 Analyze methods, materials, and equipment used to construct projects.
- SLO4 Demonstrate the purpose of building codes applications in the construction industry.

Course Learning Outcomes:
- CLO 1 – Demonstrate how commercial and residential codes are used for the protection for the health, safety and general welfare as it is related to occupancy and construction of buildings
- CLO 2 – Analyze construction documents for code applicability and purpose
- CLO 3 – Understanding how codes effect the level of a projects outcome
- CLO 4 – Understanding law as it pertains to building codes
Purpose of this course:
All courses in the Construction Management program contribute to the body of knowledge required to complete the Capstone project necessary for graduation. Each course in the Construction Management program provides the student with an opportunity to attain knowledge, skills, and abilities in one or more of the 20 Student Learning Outcomes (SLO) set forth by the American Council for Construction Education (ACCE). The student’s level of achievement of SLO is measured through one or more Course Learning Outcomes (CLO). The mapping of CLOs with SLOs for the course is shown in the table below followed by the table that presents the mapping of CLO with assessment tools.

<table>
<thead>
<tr>
<th>Assessment</th>
<th>CLO 1</th>
<th>CLO 2</th>
<th>CLO 3</th>
<th>CLO 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLO 1</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>SLO 2</td>
<td>X</td>
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<tr>
<td>SLO 3</td>
<td></td>
<td>X</td>
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<tr>
<td>SLO 4</td>
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</tbody>
</table>

Mapping of Assessment with CLO

<table>
<thead>
<tr>
<th>Assessment</th>
<th>CLO 1</th>
<th>CLO 2</th>
<th>CLO 3</th>
<th>CLO 4</th>
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</thead>
<tbody>
<tr>
<td>Study Session Quizzes</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mind Link Assignments</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Final Exam</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Final Project</td>
<td></td>
<td>X</td>
<td></td>
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</tr>
</tbody>
</table>

COURSE POLICIES

Attendance Policy: Attendance is required for this course. Excused absences are given with proper notice and/or documentation. The Class Participation grade is based on your attendance to the class and other approved functions.

Quiz / Exam Policy: There are quizzes for each lecture of this course. Quizzes are taken in D2L. A cumulative final exam is given at the end of the semester; all students must be present for the final exam.

Make-up Policy: No make-up exams are given.

Assignment Policy: Assignments are posted on D2L. Each assignment has either a Drop Box or is identified as a graded component of the course. Students are expected to attend class and complete assignments in a timely manner. Due dates and times are given for all assignments. It is your responsibility to submit the work in the appropriate Drop Box in D2L before the time expires. If the Drop Box has an End Date, then that is the last possible date to submit late work. All student work will be graded within one week of submission.

Course Technology: This course requires access to a computer. The Construction Management Department has 105 computer stations available for student use. At a minimum, students should be able to use a word processing application, a spreadsheet application and a presentation application (i.e., Microsoft Word, Excel and PowerPoint). Construction documents are supplied in PDF format, students may view them using Bluebeam software in the department, or on PDF viewers of their choice.
# Evaluation & Grading:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study Session Quizzes</td>
<td>25%</td>
</tr>
<tr>
<td>Mind Link Assignments</td>
<td>25%</td>
</tr>
<tr>
<td>Final Project</td>
<td>20%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25%</td>
</tr>
<tr>
<td>Class participation</td>
<td>5%</td>
</tr>
</tbody>
</table>

- **A = 90-100**
- **B = 80-89**
- **C = 70-79**
- **D = 60-69**
- **F = Below 60**

## CM 3180  COURSE SCHEDULE

<table>
<thead>
<tr>
<th>Class</th>
<th>Subject of Lecture</th>
<th>Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Syllabus Quiz</td>
<td>Write about an incident that caused a code change or a code to go into effect</td>
</tr>
<tr>
<td></td>
<td>Plagiarism Quiz</td>
<td>Find a copy of an inspection template</td>
</tr>
<tr>
<td>Week 1</td>
<td>Intro to Codes/Use, Occupancy</td>
<td>Write about an incident that caused a code change or a code to go into effect</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Find a copy of an inspection template</td>
</tr>
<tr>
<td></td>
<td>Detailed Occupancy</td>
<td>Determine occupancy of your building, height allotment, type of construction, any special requirements</td>
</tr>
<tr>
<td>Week 2</td>
<td>Building Type/General Building Heights and Areas</td>
<td>Check and fix grading on your site</td>
</tr>
<tr>
<td>Week 3</td>
<td>LABOR DAY/Fire Protection</td>
<td>Work on your project</td>
</tr>
<tr>
<td>Week 4</td>
<td>Fire &amp; Smoke Protection</td>
<td>Draw an egress plan for your building based on the fire safety codes, including number of exits required (if the drawings do not comply correct the drawings)</td>
</tr>
<tr>
<td>Week 5</td>
<td>Accessibility/Plumbing &amp; Electrical</td>
<td>Determine plumbing code for your building</td>
</tr>
<tr>
<td>Week 6</td>
<td>Egress</td>
<td>Determine what type of roof your structure needs and draw it on your plans, Include detailed drawings</td>
</tr>
<tr>
<td>Week 7</td>
<td>Egress</td>
<td>Draw a wall section of your wall per code</td>
</tr>
<tr>
<td>Week 8</td>
<td>Exterior, Roofs, Foundations Loads</td>
<td>Determine Floor live load, Roof live load, Pg, Pf, Ce, I, Ct, Basic wind speed, Fastest mile wind speed, Wind exposure, Surface roughness for your building</td>
</tr>
<tr>
<td>Week 9</td>
<td>Interior, Interior Environments, Gypsum Board, Elevators</td>
<td>Check your means of egress, check dead end halls and correct based on occupancy classification, determine</td>
</tr>
</tbody>
</table>
UNIVERSITY POLICIES: Statement of Student Rights and Responsibilities
KSU Student Code of Conduct

Plagiarism and Cheating:
No student shall receive, attempt to receive, knowingly give or attempt to give unauthorized assistance in the preparation of any work required to be submitted for credit (including examinations, laboratory reports, essays, themes, term papers, etc.). Unless specifically authorized, the presence and/or use of electronic devices during an examination, quiz, or other class assignment is considered cheating. Engaging in any behavior which a professor prohibits as academic misconduct in the syllabus or in class discussion is cheating. When direct quotations are used, they should be indicated, and when the ideas, theories, data, figures, graphs, programs, electronic based information or illustrations of someone other than the student are incorporated into a paper or used in a project, they should be duly acknowledged. No student may submit the same, or substantially the same, paper or other assignment for credit in more than one class without the prior permission of the current professor(s).

University Policy on Academic Misconduct: Academic honesty and integrity are fundamental values of the University community. Students should be sure that they understand the KSU Student Academic Integrity Policy at [http://kennesaw.edu/handbooks/faculty/section2_13.php](http://kennesaw.edu/handbooks/faculty/section2_13.php)

University Policy on Accommodating Students with Disabilities:
Students requesting accommodation for disabilities must first register with the Office of Disabled Student Support Services at [http://www.kennesaw.edu/stu_dev/dsss/dsss.html](http://www.kennesaw.edu/stu_dev/dsss/dsss.html). The Office of Disabled Student Support Services will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. You must submit this documentation prior to submitting assignments or taking the quizzes or exams. Accommodations are not retroactive, therefore, students should contact the office as soon as possible in the term for which they are seeking accommodations.

**Netiquette: Communication Courtesy:**
All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats. [http://teach.ufl.edu/docs/NetiquetteGuideforOnlineCourses.pdf](http://teach.ufl.edu/docs/NetiquetteGuideforOnlineCourses.pdf)
Electronic Recording & Social Media Policy

Electronic recording performed without the consent of the people being recorded chills the free exchange of ideas. Academic freedom, free inquiry, and freedom of expression should not be limited by the fear that one’s brainstorming, polemic discourse, speculative inquiry, or any other kind of expressed curiosity made within the space of a university classroom will be made public without one’s consent. This fear is unacceptable regardless of whether one is in an online, hybrid, or face-to-face classroom setting. Accordingly, no person shall electronically record any class discussion without the written permission of the instructor. No person shall publish online or elsewhere any electronic recording of a class discussion without the written permission of the instructor and any other persons who were recorded. This policy is not intended to discourage electronic recording in the classroom or the use of social media when such actions are performed with the written consent of the instructor and any other persons who were/will be recorded. Faculty accommodate all reasonable requests to electronically record a class discussion; these requests must be documented by the Disabled Student Support Services available at: http://www.kennesaw.edu/stu_dev/dsss/prospect.shtml

GETTING HELP

For issues with technical difficulties, please contact the Student Helpdesk:
1. Fill out a service form http://uits.kennesaw.edu/support/formselect.php?s=tech
2. Email: studenthelpdesk@kennesaw.edu
3. Call: 770-499-3555

Getting Started With Technology Services  http://uits.kennesaw.edu/

Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from ITS when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request a make-up.

Additional Technology Resources
1. Student Service Desk and Help Center  studenthelpdesk@kennesaw.edu
2. Browser Checker  
   https://usg.desire2learn.com/d2l/tools/system_check/systemcheck.asp?ou=6606
3. USG Desire2Learn Help Center  https://d2lhelp.view.usg.edu/
4. D2L Training Options & Resources for Students  https://web.kennesaw.edu/acs/pages/desire2learn/student-resources-d2l
5. Computertrain Online Courses  http://www.kennesaw.edu/dlc/FacultyResources/
6. ITS Documentation Center  http://uits.kennesaw.edu/docs/netaccess/guides/windows7_wifi_instructions.pdf
7. Check Service Outages  http://status.usg.edu/
8. Maintenance Schedule  https://usg.desire2learn.com

Academic Resources
1. Academic Tutoring Services http://www.kennesaw.edu/stu_dev/alp/academic.shtml
2. Disability Resources  http://www.kennesaw.edu/stu_dev/dsss/dsss.html
4. Library  http://www.kennesaw.edu/library/
7. Math Lab  http://mathlab.kennesaw.edu/
**Student Support and Wellness Resources**

1. Career Services Center  [https://careerctr.kennesaw.edu/](https://careerctr.kennesaw.edu/)
2. Counseling and Psychological Services  [http://sss.kennesaw.edu/cps/](http://sss.kennesaw.edu/cps/)

KSU desires to resolve student grievances, complaints and concerns in an expeditious, fair and amicable manner. The Complaints and Appeals Page was developed to assist current and prospective students in submitting complaints and appeals and to direct them to the most effective venue for accurate information and resolution. The resources on the page will direct students to the specific venue to appropriately address related student complaint. [http://www.kennesaw.edu/complaints_appeals.shtml](http://www.kennesaw.edu/complaints_appeals.shtml)

Complaints for online students are resolved following the same general procedures for students who attend classes on campus. However, for any process that requires that a student appear in person, the university may make other arrangements. For processes that cannot be completed via telephone, e-mail, or written correspondence, the university may set up a two way Video conference site in place of a meeting on the KSU campus.