

**GENERAL INFORMATION:**

**Instructor:**

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**Course Web site:** <https://online.ksu.edu/>

(You need your KSU user name and password to login)

**DESCRIPTION:**

This course provides a broad introduction to the Civil Engineering profession. Topics covered include career opportunities in Civil Engineering, professional and ethical responsibilities of the engineer, the importance of professional licensure and the need for lifelong learning and continuing education. The course provides social activities and opportunities to develop leadership skills through active participation in the civil engineering assembly and involvement in the Kansas State University Student Chapter of the American Society of Civil Engineers (ASCE).

CE 015 is a required, 0 credit hour course.

**COURSE FORMAT:**

The meetings and activities of CE 015 are planned and conducted by the officers of the K-State Student Chapter of ASCE, under the direction of the course instructor..

**COURSE OBJECTIVES (EXPECTED OUTCOMES):**

The main objective of CE 015 is to provide students with a broad understanding of the Civil Engineering profession. Specifically, each student is expected to develop an understanding of the following aspects of the Civil Engineering profession:

1. Basic areas of specialization and potential career paths in Civil Engineering
2. Significant historical developments and contemporary issues in Civil Engineering
3. The local and global social, economic, environmental, and public safety aspects of Civil Engineering projects
4. The professional and ethical responsibilities of the engineer
5. The importance of active involvement in ASCE.
6. The importance of professional licensure.
7. The need for lifelong learning and continuing education.
8. The importance of teamwork in engineering practice

**ASSESSMENT METHOD (GRADING):**

All Civil Engineering students are required to enroll in and earn credit for CE 015 in each semester of their Civil Engineering Program of Study. The penalty for failure to meet the requirements for CE 015 is the same as that of any other required course.

The following shows the *minimum requirements* to earn credit for CE 015:

1. CE students are required to have 6 points by the end of each semester. Points can be obtained by attending assemblies (1 point each), purchasing an ASCE student membership (1 point), participating in an activity (1 point), joining a club or organization within the department (1-2 points depending on involvement), or helping with Open House (spring only, 1 or more points depending on involvement level).
2. Students must collect a minimum of 3 points from assemblies alone. There is no maximum on the number of assemblies they can attend.

\*Following is the list of some activities:

1. ASCE Concrete Canoe Team
  2. ASCE Steel Bridge Team
  3. College of Engineering Open House
- “Other” activities as approved by the course instructors.

### MAKE-UP POLICY:

Students are required to earn credit for the CE 015 course each semester enrolled as a civil engineering student. Students who do not meet the aforesaid requirements will receive no-credit for the class for the semester and a hold will be placed on their enrollment until credit is earned. The only way to make up this credit is to write a ten page research paper for each seminar missed during the semester. **The topic for the paper must be approved in advance by a course instructor.** Topics typically cover technical aspects of civil engineering that are of interest to the student.

### Paper Requirements

The paper must be written **by the student**. Any quote from references should be clearly marked and cited (referenced). *All of the sources cited in your paper should be listed in the list of references and all of the sources listed as reference should have been cited in the paper.*

**Plagiarism is a violation of the university academic honesty.** Please see the statement of "Academic Honesty" on the next page and related information at: <http://www.k-state.edu/honor>.

The paper should be **submitted in “electronic” format** (like: WORD or PDF) and must be:

- 1) 10 pages
- 2) Double-spaced
- 3) 1” margins
- 4) 12 point font
- 5) Cover page and reference page that do not count towards 10 pages
- 6) At least 3 references from current journals or industry periodicals
- 7) Standard referencing format – “name and date” or “numerical” methods are allowed
- 8) Not submitted previously for a class assignment

### COURSE SCHEDULE:

The schedule of CE 015 meeting dates and ASCE Student Chapter activities will be available at the following locations: the bulletin board in the Bruce Butler Atrium (second floor

of Fiedler Hall); the ASCE student Chapter Newsletter (available at all CE 015 meetings); and the K-State ASCE Student Chapter website. In addition, meeting announcements are posted throughout the College of Engineering Building Complex and other buildings frequently used by engineering students. Meeting announcements are also disseminated through electronic mailings.

#### **K-STATE STUDENT CHAPTER:**

[www.engg.ksu.edu/ASCE](http://www.engg.ksu.edu/ASCE)

#### **Statement Regarding Academic Honesty:**

Kansas State University has an Honor System based on personal integrity, which is presumed to be sufficient assurance that, in academic matters, one's work is performed honestly and without unauthorized assistance. Undergraduate and graduate students, by registration, acknowledge the jurisdiction of the Honor System. The policies and procedures of the Honor System apply to all full and part-time students enrolled in undergraduate and graduate courses on-campus, off-campus, and via distance learning. The honor system website can be reached via the following URL: [www.ksu.edu/honor](http://www.ksu.edu/honor). A component vital to the Honor System is the inclusion of the Honor Pledge which applies to all assignments, examinations, or other course work undertaken by students. The Honor Pledge is implied, whether or not it is stated: "On my honor, as a student, I have neither given nor received unauthorized aid on this academic work." A grade of XF can result from a breach of academic honesty. The F indicates failure in the course; the X indicates the reason is an Honor Pledge violation.

#### **Statements for Academic Accommodations for Students with Disabilities:**

"Any student with a disability who needs a classroom accommodation, access to technology, or information about emergency building/campus evacuation processes should contact the Student Access Center and/or the instructor. Services are available to students with a wide range of disabilities including, but not limited to, physical disabilities, medical conditions, learning disabilities, attention deficit disorder, depression, and anxiety. If you are a student enrolled in on-campus/online courses through the Manhattan or Olathe campus, contact [accesscenter@k-state.edu](mailto:accesscenter@k-state.edu), 785-532-6441.

#### **Statement Defining Expectations for Classroom Conduct:**

All student activities in the University, including this course, are governed by the Student Judicial Conduct Code as outlined in the Student Governing Association By Laws, Article VI, Section 3, number 2. Students who engage in behavior that disrupts the learning environment may be asked to leave the class.