

Department of Civil and Environmental Engineering
CE201 Introduction to Civil Engineering
1 Hr Lecture

Fall 2014

Prerequisites: ENGR102 or Sophomore Standing

Instructor: Dr David Martinelli, 525 Engineering Sciences Building
293-9936
drmartinelli@mix.wvu.edu or david.martinelli@mail.wvu.edu

Schedule: Friday 2:00-2:50 , ESG102

Office Hours: Schedule through Leslie VanZant Room 523, 293-9953
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Course Objectives: The objectives of this course are to introduce students to the career paths and study of Civil Engineering and its sub-disciplines.

Expected Learning Outcomes:

Upon successful completion of this course students will:

- be aware of the various sub-disciplines and specializations in civil engineering.
- be aware of the various career paths of civil engineers from graduation to retirement
- have an understanding of some of the fundamental engineering and scientific concepts that apply to the field of civil engineering
- have some understanding of what plan of study they would likely pursue in the BSCE program

Texts and Readings:

Handouts (paper or electronic) as necessary, provided by the instructor

Grading Policy:

The grading of this course has two components: attendance and a term paper.

Attendance

Attendance and promptness is mandatory and will account for 50% of your course grade. A sign-in sheet will be circulated at the beginning of each class, and the last person to sign will immediately submit it to the instructor. One un-excused absence is permitted during the course of the semester and excused absences must be approved in advance to the extent possible through email correspondence with the instructor. If you have two or more *excused* absences, then you are not permitted any *unexcused* absences. There is a 10% class grade reduction for the second unexcused absence, with three missed classes resulting in a mandatory withdraw from the course or failing grade.

Grading Scale:

A	100-90
B	89-80
C	79-70
D	69-60
F	< 60

Term Paper

You are required to write a two-page, single-space, Times Roman 12-point font, term paper highlighting what you have gained from the seminar speakers and how you will apply it to your short and long-term professional goals. The term paper is 50% of your grade. More on the term paper will be provided when it is formally assigned.

Course Outline: The schedule below is tentative and subject to change.

Class	Topic
1-Aug 22	Course Introduction, Dr. Martinelli
2-Aug 29	ASCE/EWB
3-Sep 5	Dr. Sam Easterling, Virginia Tech/John Muth, Charlotte Transit Authority
4-Sep 12	Keith Rinkus, MD, Orthopedic Sports Medicine
5-Sep 19	Chonchol Gupta, Rebirth Financial
6-Sep 26	Sarah Soliman, Rand Corporation, Drs. Zaniewski and Sharma, Professors CEE
7-Oct 3	Eric Martz, PE, Pennsylvania KCI Technologies
8-Oct 10	Rajesh Salem, Sears Holdings Corporation
9-Oct 17	Congressman David McKinley, PE
10- Oct 24	Andy Dye, Turner Construction and Aaron Humberson, Paradigm Development
11-Oct 31	Ed Decosta, Catalyst Associates
12- Nov 7	Dr. John Quaranta, Professor CEE
13- Nov 14	Woody Thrasher, PE, Thrasher Engineering
14-Dec 5	Synopsis and Debrief, Dr. Martinelli