

CEE 1020
CONNECTIONS TO CIVIL AND ENVIRONMENTAL ENGINEERING
Fall 2010
Tue/Thur 1.30-2:25 Prescott Hall 226

CATALOG DESCRIPTION:

CEE 1020. Connections to Civil and Environmental Engineering. Rec. 2. Credit 1.
Engages the student in meaningful academic and non-academic activities introducing students to the CEE department and the civil engineering profession. Emphasizes time management and study skills, department and university resources, faculty interaction, professional and student organizations, and the civil engineering profession.

TEXTBOOK (OPTIONAL):

“How to Study and Learn.”

COURSE COORDINATOR:

Sharon Huo, Professor and Chair, Department of Civil and Environmental Engineering

INSTRUCTOR:

Faisal Hossain, Associate Professor, Department of Civil and Environmental Engineering,
Prescott Hall 332, fhossain@tntech.edu, Tel: 372-3257

PREREQUISITES:

Freshman standing, civil engineering major.

COURSE OBJECTIVES:

1. Facilitate students connection to the TTU campus community
2. Introduce students to available TTU support programs
3. Introduce students to learning styles and study skills for academic success
4. Introduce students to opportunities and resources available through the TTU Civil and Environmental Engineering Department
5. Initiate development of an appreciation of engineering professionalism.
6. Introduce students to improved communication of engineering concepts through multi-media methods

ACADEMIC & CLASSROOM CONDUCT:

Students are responsible for reading and complying with the current catalog concerning class attendance and other student responsibilities in class.

DISABILITIES:

Students with a disability requiring accommodations should contact the Office of Disability Services (ODS). An Accommodation Request (AR) should be completed as soon as possible, preferably by the end of the first week of the course. The ODS is located in the Roaden University Center, Room 112; phone 372-6119.

METHOD OF GRADING:

Final grades will be computed as follows:

Completion of Mandatory Activities*	40%
Class Participation/Attendance/	20%
Participation in Hands-on Activities**	40%

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

*Sexual Harassment Training, attending two cultural events, completion of various small assignments

** Movie making activity as a team

TENTATIVE SCHEDULE OF CLASSES FOR CEE1020

Instructor: Dr. Faisal Hossain

Tuesday and Thursday, 1.30pm – 2.25pm; PH 226; Email: fhossain@ntech.edu

Lecture#	Date	TUE (1.30 – 2.25pm)		THUR (1.30-2.25pm)
1	Aug 31	1.Introduction to Class 2.Hand in fill-in/info sheet 3.Getting to know Class 4.Notify Class of expectations 5.Overview mandatory items 6. Show last year's movies by students	Sept 2	1. Continue with showing student movies and other samples. TTU recruitment and NASA outreach movie 2. Discuss movie competition project. 3. Assign team/team members 4. Provide Sony-Vega software
2	Sept 7	1.Overview of Civil Engineering Mechanics and Water Focus 2.Discuss Career Opportunities 3.Show Movie/Documentary on GPM 4. Promise of Rain, Water Cycle	Sept 9	1. Provide Movie ad idea and the hand-out. 2. Get teams formed, handout, materials, 1020 youtube etc. 3. Solicit plans/share past ideas. 4. Inform class to submit a 1 page ad plan on Sept 21
3	Sept 14	1.Overview of Civil Engineering Areas (Construction/materials). 2. Overview of Sexual Harassment Training (Mandatory) 3. Overview of media copyrights 4. Notify class of Career Day on Oct 7 (at RUC) 10-3pm MUST Attend and submit a report.	Sept 16	Visit TTU Media center and Library commons.
4	Sept 21	1.Overview of Civil Engineering Structures and Geotechnical 3. Visit Structures/Soils Lab 4. Collect each team's movie ad plan	Sept 23	Discuss movie ad plan by each team. Assign each team to submit script/marketing plan in 2 weeks (Due Oct 5)
5	Sept 28	1. Field Trip – Cookeville Wastewater Treatment Plant – Cary Vaughn	Sept 30	MOVIE Brainstorming – research in class
6	Oct 5	Collect movie ad plan from each team. Work on editing/brainstorming in class. Inform class that raw footage deadline is Nov 2.	Oct 7	NO CLASS. Attend Career Day
7	Oct 12	Movie editing, planning work in class. Inform class to attend one more cultural activity.	Oct 14	MOVIE – footage (field work)
8	Oct 19	Fall Break NO CLASS	Oct 21	MOVIE –footage (field work)
10	Oct 26	1. Overview career services materials, Co-Op. 2. Share experience of Co-Op (Christy Bowers)	Oct 28	MOVIE –footage (field work)
11	Nov 2	1.Update on Movie editing plans 2. Collect raw footage for censorship.	Nov 4	MOVIE Editing (collect update)

		Compliance. 3. Notify class of first draft ad submission deadline Nov 18.		
12	Nov 9	Watch Autobahn movie Reminder on turning in sexual harassment training certificate by Nov 28.	Nov 11	MOVIE Editing (collect update)
13	Nov 16	1. Attend ASCE Meeting	Nov 18	Collect draft movie from each team.
14	Nov 23	Dry run on movie competition – judging criteria. Provide competition details to class.	Nov 28	NO CLASS- Thanksgiving Holiday
15	Dec 3	MOVIE Competition	Dec 5	