CSCE 4010 Engineering Ethics

Instructor Dr. Yuan
Class hours 3:30 – 4:20PM, Tuesday and Thursday
Office NTDP F277
Office Hours 2:30PM – 3:30PM, Tuesday and Thursday or by appointment
e-mail xiaohui.yuan@unt.edu

Description
An exploration of the effects of technology in modern society, with emphasis on the role of engineering and technical professionals.

Course Outcomes
By the end of this course, you will:
1) Develop an awareness of the social responsibilities of engineering.
2) Have a working knowledge of basic engineering-related law.
3) Understand the need for engineering ethics.
4) Communicate about a topic related to the social and ethical issues of engineering.

Text Book:
Engineering Ethics, 3rd Edition, by Fleddermann, Pearson/Prentice Hall

Grading
Your grade for this course will be graded based on class participation, a presentation, and a term paper. Bonus points will be awarded to students who actively participate discussions both online and face-to-face.

The term paper will be 5 pages (not counting references), single spaced, 1 inch margin on all sides, and set with a 10pt font (either Times Roman or Arial). The topic must be approved by the end of the 5th class week. A presentation is required to discuss the problem investigated in the term paper. Each presentation can have up to 15 minutes.

Course participation is evaluated based on the online discussions and comments in the UNT Blackboard system as well as class attendance.

The following policies apply to all assignments (unless specifically stated in an individual assignment):
• Blackboard automatically stops accepting assignments at the deadline. To avoid receiving a zero, it is recommended that you periodically upload versions of your assignments and then overwrite these later. If something unexpected should come up you will at least have something submitted.
• All work submitted is to be your own original work. All materials used shall be properly cited.
• The various components of your final grade are weighted as follows:
<table>
<thead>
<tr>
<th>Assignment</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term Paper</td>
<td>30%</td>
</tr>
<tr>
<td>Presentations</td>
<td>30%</td>
</tr>
<tr>
<td>Participation</td>
<td>40%</td>
</tr>
<tr>
<td>Bonus</td>
<td>5%</td>
</tr>
</tbody>
</table>

**Absenteeism Policy**

Attendance is required of all students without exception. Absence is only allowed in the extreme circumstances, e.g., medical emergence. Written evidence is required no later than 5 days after the absence. If a student misses four (4) classes, he/she will be Administratively Withdrawn from the course.

Both online discussion and attending class are considered as participation. Missing four (4) online discussions is considered as equivalent to four absences.

**Collaboration and Cheating**

Collaboration among students is encouraged. You may discuss the meaning or intent of an assignment with other students, or ask for clarification of some points. But you may not share code, or discuss specific approaches to solving an assignment. All work which you turn in must be completely your own.

Cheating will not be tolerated. Students guilty of cheating on a test or program will be given an F in the course. Allowing others to copy your work is also considered cheating. For further details and clarifications regarding collaboration and cheating, view the university Student Rights and Responsibilities web page.

**Course Evaluation**

At the end of the semester you will be asked to participate in multiple evaluations of the course and the instructor. In addition to the written evaluations, and the department survey, UNT is now required to offer students The Student Evaluation of Teaching Effectiveness (SETE). This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work continually to improve my teaching. I understand that multiple surveys can be frustrating, but we are required to offer them, and I believe that it is important that we understand what works. Your participation is appreciated.

**ADA**

UNT complies with all federal and state laws and regulations regarding discrimination including the Americans with Disability Act of 1990 (ADA). If you have a disability and need a reasonable accommodation for equal access to education or services please contact the Office of Disability Accommodation.