

Department of Civil Engineering

Course Information

Adv. Topics in Civil Engr. - CE 4375

Introduction to Peace Engineering

CRN: 19310

Instructor Contact Information and Biography

Dr. Ivonne Santiago

Engineering Annex A218

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El Paso, TX 79968

Office: A-218

Office Hours: M 12:00-1:00 PM in office and in virtual office in BB (if requested) or by appointment using

<https://IvonneSantiago.as.me/>

E-mail: isantiago@utep.edu. **For class matters use Blackboard e-mail under the class communication tools.** I will respond to your emails within 24 business hours..

Phone: 915-747-8478

Course Description

Peace Engineering is Engineering that cares about, and focuses on, social and economic impact by using technology to augment how people can interact with each other and build a sense of community. It is also the use of Engineering to foster human development within hard places. Hard places can be those places affected by violence, human right abuses, chronic poverty, compromised rule of law, or areas affected by natural disasters.

Class format will consist of a combination of brief lectures, homeworks, presentation of auxiliary materials (e.g., subject matter videos and reading), class discussions, and blogs, and final project.

The class is divided into the following major subject areas.

1. Introduction to Peace and Violence
2. Overview of Peacebuilding Approaches
3. Empowering Local Peacebuilders
4. Communicatin skills
5. Conflict Analysis and Conflict Analysis Process
6. Negotiation and Mediation
7. Building Peace

Required text: Reading material will be provided in BB

Class format

Project-Based Learning: Students will be organized into diverse teams that work together throughout the semester. Each team will develop a design and build a prototype of their design. Regular progress reports will be required.

Exams and grades

Grade Distribution:

Description	Content	Percent of Final Grade
Group discussions and homeworks	Sections covered during the week. You may have either a homework, a quiz, team-work, or all in any given week.	20%
Presentations at UTEP		5%
Homework during exchange in UTEP and PUCPR		5%
Project	Final Project	70%

Grading Scheme: The instructor reserves the right to revise this grading plan. However, students will be informed of any changes. Your final grade will be calculated based on the points you have accumulated as follows:

A	> <u>89.5</u>
B	> <u>79.5</u> but <89.5
C	> <u>69.5</u> but <79.5
D	> <u>59.5</u> but <69.5
F	< <u>59.5</u>

Note that 89.44 is B, 79.44 is C, 69.44 is D, 59.44 is F. This is where your bonus points come to your rescue!

Class Policies

Cheating, Plagiarism, Scholastic Dishonesty, and Student Discipline: Cheating is unethical and not acceptable. Plagiarism is using information or original wording in a paper without giving credit to the source of that information or wording: it is also not acceptable. Do not submit work under your name that you did not do yourself, ever. You may not submit work for this class that you did for another class. If you cheated or plagiarized, you will be subject to disciplinary action as stated in the UTEP undergraduate catalog policy.

“Scholastic dishonesty (which includes the attempt of any student to present the work of another as his or her own, or any work which s(he) has not honestly performed, or attempting to pass any examination by improper means) is a serious offense and will subject the student to disciplinary action. The aiding and abetting of a student in any dishonesty is held to be an equally serious offense. All alleged acts of scholastic dishonesty should be reported to the Dean of Students for disposition. It is the Dean of Students’ responsibility to investigate each allegation, dismiss the allegation, or proceed with disciplinary action in a manner which provides the accused student his or her rights of due process.”

Refer to <http://www.utep.edu/dos/acadintg.htm> for further information.

You must cite, reference, or quote information obtained from other sources so you give credit where credit is due. If you do not know how to do that, ask. In addition, when an assignment specifies that you must perform a task individually, asking for your classmates’ help is scholastic dishonesty. Do NOT copy any material, regardless of where you obtained it, into your own work. Do NOT submit work under your name if you did not complete it entirely yourself; be honest and tell me you did it together. The consequences will be less severe when you are up front about it than when you try to hide it.

UTEP now has a site license for Turnitin.com, a plagiarism detection tool that you can also use to check your own work for this or other classes to prevent getting in trouble. I will report any instances of plagiarism and dishonesty to the Dean of Students Office and the grade for the assignment will be an “F” or “zero”.

If you want to test your understanding of plagiarism, take the self-assessment at <http://education.indiana.edu/~frick/plagiarism> or visit <http://www.turnitin.com>

Students with Any Type of Disability:

UTEP seeks to provide reasonable accommodations for all qualified individuals with disabilities, including learning disabilities. This university will adhere to all applicable federal, state, and local laws, regulations and guidelines with respect to providing reasonable accommodations as required affording equal educational opportunity. It is the student's responsibility to register with Center for Accomodation and Support Services (CASS) in the East Union Bldg., Room 106 within the first two weeks of classes, and inform the faculty member to arrange for appropriate accommodations.

Center for Accomodation and Support Services (CASS) can also be reached in the following ways:

Web: <http://sa.utep.edu/cass/>

Monday thru Friday 8:00a.m.-5:00p.m.

Union Building East Room 106

Phone:(915) 747-5148

cass@utep.edu