COURSE INFORMATION:
CE 4195
CRN: 15815
CLASS TIME: MONDAY 07:30 AM - 10:20 AM
CLASS MODE: IN CLASSROOM

| INSTRUCTOR: | Dr. Henry Van |
| OFFICE:     | Civil Engineering A202 |
| PHONE:      | Office: (915) 747-6966 and Cell – (915) 255-9593 |
| EMAIL:      | hvan2@utep.edu |
| OFFICE HOURS: | MON N/A  
|             | TUE 8:00 am-11:30 am,1:00 pm 5:00 pm  
|             | WED 8:00 am-11:30 am  
|             | THU 8:00 am-11:30 am,1:00 pm 5:00 pm  
|             | FRI 8:00 am-11:30 am,1:00 pm 5:00 pm  |
| TA:         | N/A |
| LIBRARIAN:  | Debjani Mukhopadhyay 747-6715, Office: LIB 215 Email- dmukhopadhyay@utep.edu |
| TEXTBOOK:   | N/A |

MATERIALS PROVIDED:
PowerPoint slides of professor’s lessons will be provided.
Links of Videos with Lectures and information about the FE Exam.
Links of videos to explain engineering professional ethics and case histories.

COURSE DESCRIPTION:
This course will provide information about how to study for the FA Exam and the sources of information of materials to study for the FE Exam. Also, information and discussion will be conducted with the students using real cases to understand the value of obtaining the FE Certification and Professional Engineering License after.
SEMESTER PROJECT – “PREPARATION OF A FE EXAM STUDY PLAN”

Because each student is unique on their study habits and style of doing their work the semester project will be done individually. This project will be involved each student preparing their own plan for preparing to take the FE Exam.

The FE Exam Study Plan must be detailed about what you will study, the number of hours you plan to study and what subjects you will study first. Prepare a calendar of your study plans. Organization of the Plan should be as follows:

- **Introduction** – Reason for preparing the Plan
- **Study Sources** - You will list the sources you plan to use to prepare for the FE Exam (self-study, or purchase package) – Dr. Van will explain in detail what is available for you to choose.
- **Detail Weekly Schedule** – List the topics per week you plan to study and the number of hours you plan to study per day.

AT THE END OF THE SEMESTER, YOU WILL:

- Understand why is important to take the FE Exam as soon as you graduate of before.
- Understand the level of effort that it takes to study for the FE Exam.
- Understand the value of having the FE Certificate and then study to obtain the Professional Engineer License (PE) after.
- **The FE Exam Study Plan should be submitted via email to Dr. Van by Monday, November 21. No late plans will be accepted. You have plenty of time to prepare.** If you need more time you need to notify Dr. Van in advance and have a justified reason.

THE CENTER FOR ACCOMMODATIONS AND SUPPORT SERVICES (CASS):

Students requiring unique accommodations must contact the CASS office and provide their instructor with the proper documentation at the beginning of the semester. CASS office may be contacted at 747-5148, cass@utep.edu or go to Room 106 Union East Building.
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JPO
FALL 2022

ACCOMMODATIONS POLICY:

The University is committed to providing reasonable accommodations and auxiliary services to students, staff, faculty, job applicants, applicants for admissions, and other beneficiaries of university programs, services and activities with documented disabilities to provide them with equal opportunities to participate in programs, services, and activities in compliance with sections 503 and 504 of the Rehabilitation Act of 1973, as amended, and the with Disabilities Act (ADA) of 1990 and the Americans with Disabilities Act Amendments Act (ADAAA) of 2008. Reasonable accommodations

COVID-19 ACCOMMODATIONS

Students are not permitted on campus when they have a positive COVID-19 test, exposure or symptoms. If you test positive you should contact via email as soon as possible and follow your physician’s advice and UTEP procedure.

COVID-19 UTEP PROCEDURE

You must **STAY AT HOME and REPORT** if you (1) have been diagnosed with COVID-19, (2) are experiencing COVID-19 symptoms, or (3) have had recent contact with a person who has received a positive coronavirus test. Reports should be made at screening.utep.edu. If you know of anyone who should report any of these three criteria, you should encourage them to report. If the individual cannot report, you can report on their behalf by sending an email to COVIDaction@utep.edu.

For each day that you attend campus—for any reason—you must complete the questions on the UTEP screening website (screening.utep.edu) prior to arriving on campus. The website will verify if you are permitted to come to campus. Under no circumstances should anyone come to class when feeling ill or exhibiting any of the known COVID-19 symptoms. If you are feeling unwell, please let me know as soon as possible, and alternative instruction will be provided. Students are advised to minimize the number of encounters with others to avoid infection.

Wear face coverings when in public areas of campus or when others are present. You must wear a face always covering over your nose and mouth in this class. If you choose not to wear a face covering, you may not enter the classroom. If you remove your face covering, you will be asked to put it on or leave the classroom. Students who refuse to wear a face covering and follow preventive COVID-19 guidelines will be dismissed from the class and will be subject to disciplinary action according to Section 1.2.3 Health and Safety and Section 1.2.2.5 Disruptions in the UTEP Handbook of Operating Procedures.

Please note that if COVID-19 conditions deteriorate in the City of El Paso, all course and lab activities may be transitioned to remote delivery.
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GRADING:  
- Quality of your Study Plan: 40%
- Detail of the Study Calendar & Strategy: 30%
- Attendance: 10%
- Participation: 20%

100%

SEMESTER PROJECT: Prepare a Risk Assessment Report and an Environmental Compliance Plan for an industrial plant.

SEMESTER PROJECT REPORT DEADLINE: The semester report will be submitted to Dr. Van by May

HOMEWORK: The homework will be assigned during the semester.

CLASS PARTICIPATION AND ACTIVITIES:  
There will be class group and individual activities. To get a grade for them you must participate in the activity. There will be no make up for any of the class activities.

SURVEY: There will be an end-of-semester course survey. Your participation is important, and it will count as a participation class activity.

GRADING SCALE:

100%-90%............. A
89% -80%............. B
79% -70%............. C
69% -60%............. D
59% - 0%............. F

If you encounter technical difficulties beyond your scope of troubleshooting, please contact the Help Desk https://www.utep.edu/technologysupport as they are trained specifically in assisting with technological needs of students.
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HOW WE WILL COMMUNICATE:

Email: UTEP e-mail is the best way to contact me. If you have an emergency, you may call me at my cell phone (915) 255-9593. Before you call me, first text me informing me that you are my student in CE 4195 JPO course, so I know when you call you are not a “Scam Likely”. When you send me an email, please put in the Subject line CE 4195 for me to know what course you are in. I teach several courses and at times I do not remember all the names. But if I see the course number, I know what course you are in. Use my cell phone to call me, is faster.

ATTENDANCE:

You are required to come to class and be on time. Attendance is mandatory and you will be required to sign into class. Each class critical information will be explained to you and is recommended for you to attend for better understanding of the topic.

BLACKBOARD

There will be no exams. However, I will count your Study Plan as the main grade

MENTORING (OPTIONAL):

It is recommended that you make an appointment with Dr. Van for a One-on-One either zoom or face to face meeting, at least once during the Semester to discuss questions about areas of civil/environmental practice and the workplace once you start looking for a job and how this will have a connection with the FE Certification.

MISSING THE FE STUDY PLAN:

If you do not submit your Study Plan on time you will lose 40% of your final grade. However, if you show Dr. Van a valid justification for not submitting your FE Study Plan on time you may be given a second opportunity.

ACADEMIC CONDUCT

Academic dishonesty is prohibited and is considered a violation of the UTEP Handbook of Operating Procedures. It includes, but not limited to, cheating, plagiarism, and collusion. Cheating may involve copying from or providing information to another student, possessing unauthorized materials during a test, or falsifying research data on laboratory reports. Plagiarism occurs when someone intentionally or knowingly represents the words or ideas of another as
ones’ own. Collusions involves collaborating with another person to commit any
academically dishonest act. Any act of academic dishonesty by a UTEP student is unacceptable and will not be tolerated. All suspected violations of academic integrity at UTEP must be reported to the Office of Student Conduct and Conflict Resolution (OSCCR) for possible disciplinary action. To learn more, please visit HOOP: Student Conduct and Discipline.

**CELL PHONE**
- All cell phones must be turned off before the beginning of the class. If a student forgets to turn it off, he/she will have to leave the classroom and may only return with the instructor’s permission.

**HARASSMENT**
- Please be aware that harassment is unacceptable in the classroom. Jokes, comments of sexual nature, as well as racist comments will not be tolerated. The student that violates this rule will be sent to the Dean of students for disciplinary action.

The professor reserves the right to make any changes to the syllabus during the term of the semester. Any changes made to the syllabus will be notified to the students by the professor prior to the lecture.

I welcome you to a new semester and hope that you will make the effort to learn as much as you can. I know each one of you has the potential to make an A.

**Plagiarism Detecting Software**
Some of your course work and assessments may submitted to SafeAssign, a plagiarism detecting software. SafeAssign is used review assignment submissions for originality and will help you learn how to properly attribute sources rather than paraphrase.

**Copyright Statements for Course Assignments**
All materials used in this course are protected by copyright law. The course materials are only for the use of students currently enrolled in this course and only for the purpose of this course. They may not be further disseminated.
ANNOUNCEMENTS:

Check the Blackboard email frequently for any updates, deadlines, or other important messages.

**ACADEMIC CALENDAR Fall 2022 Dates:**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
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<tbody>
<tr>
<td>Mar 28th</td>
<td>Fall Registration Begins</td>
</tr>
<tr>
<td>Aug 11th</td>
<td>Last Day to Clear Students on Suspension/Probation as well as those with Insufficient Prerequisites</td>
</tr>
<tr>
<td>Aug 12th</td>
<td>Drops for Students with Unsatisfactory Academic Standing, Insufficient Prerequisites, and Prior Grades of C in the Course</td>
</tr>
<tr>
<td>Aug 15th</td>
<td>Financial Aid is Disbursed</td>
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<tr>
<td>Aug 22nd</td>
<td>Fall classes begin</td>
</tr>
<tr>
<td>Aug 22nd-26th</td>
<td>Late Registration (Fees are incurred)</td>
</tr>
<tr>
<td>Sept 5th</td>
<td><strong>Labor Day Holiday – University Closed</strong></td>
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<tr>
<td>Sept 7th</td>
<td>Fall Census Day</td>
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<td>Note: This is the last day to register for classes.</td>
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<td>Payments are due by 5:00 pm</td>
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<tr>
<td>Sept 19th</td>
<td>20th Class Day</td>
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<td>Note: Students who were given a payment deadline extension will be dropped at 5:00 pm if payment arrangements have not been made.</td>
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<tr>
<td>Sept 30th</td>
<td>Graduation application deadline for degree conferral</td>
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<tr>
<td>Oct 28th</td>
<td>Fall Drop/Withdrawal Deadline</td>
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<tr>
<td></td>
<td>Note: Student-initiated drops are permitted after this date, but the student is not guaranteed a grade of W. The faculty member of record will issue a grade of either W or F.</td>
</tr>
<tr>
<td>Nov 11th</td>
<td>Deadline to submit candidates’ names for degree conferral</td>
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<tr>
<td>Nov 24-25th</td>
<td><strong>Thanksgiving Holiday - University Closed</strong></td>
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<tr>
<td>Dec 1st</td>
<td>Fall – Last day of classes</td>
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<tr>
<td>Dec 2nd</td>
<td>Dead day</td>
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<tr>
<td>Dec 5-9th</td>
<td><strong>Fall Final Exams</strong></td>
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<tr>
<td>Dec 10-11th</td>
<td>Fall Commencement</td>
</tr>
<tr>
<td>Dec 14th</td>
<td>Grades are Due</td>
</tr>
<tr>
<td>Dec 15th</td>
<td>Grades are posted to student records; students are notified of grades and academic standing</td>
</tr>
</tbody>
</table>

**Payment Deadlines**

For more information on payment deadlines, visit the [Student Business Services Website](#)