

Upon completion of the course, students should:

COURSE OBJECTIVES	ASSESSMENT OF OBJECTIVES
Apply environmental engineering concepts to solve civil engineering problems	Exam*
Use mathematics concepts to simulate environmental reactors and systems	Homework*
Calculate air, water and wastewater pollution parameters	Exam*
Apply professional codes of ethics in the civil and environmental engineering practices	Exam*

Aspects of the course objective assessments may be used in the university's assessment of student learning. If applicable, an asterisk (*) above indicates this assignment is used in the university assessment program.

GRADES WILL BE BASED ON THE QUALITY AND COMPLETION OF THESE TASKS:

Homework.....15%
 Exams.....40%
 Final Exam.....20%
 Quizzes.....15%
 Site Visit Report... 10%

OSU-Okmulgee Grading Scale
A = 90.00 - 100.00
B = 80.00 - 89.99
C = 70.00 - 79.99
D = 60.00 - 69.99
F = 00.00 - 59.99

RECOMMENDED STUDENT COMPETENCIES/SKILLS

McGraw-Hill smart learning, FE manual, Excel, Basics of physics, chemistry, biology and Geometry.

NCEES approved calculators:

- ✓ **Casio:** All fx-115 and fx-991 models (Any Casio calculator must have “fx-115” or “fx-991” in its model name.)
- ✓ **Hewlett Packard:** The HP 33s and HP 35s models, but no others
- ✓ **Texas Instruments:** All TI-30X and TI-36X models (Any Texas Instruments calculator must have “TI-30X” or “TI-36X” in its model name.)

AUTHORIZED TOOLS

Scientific and/or graphing calculator, textbook and notebook

Students may use any/all course materials, including books and notes, while participating in classroom activities and homework. All quizzes are to be completed independently with no access to any tools other than a calculator; and exams will be open book. No collaboration with classmates is permitted and any instance of such will be considered academic dishonesty.

Unauthorized collaboration on homework is also prohibited.

AMERICANS WITH DISABILITIES ACT (ADA)

According to the ADA, each student with a disability is responsible for notifying the University of his/her disability and requesting accommodations. If you think you have a qualified disability and need classroom accommodations, contact the Access Services Office located in the College Readiness Center. Please advise the instructor of your disability as soon as possible, to ensure timely implementation of appropriate accommodations. Faculty have an obligation to respond when they receive official notice of a disability from the Access Services Office but are under no obligation to provide retroactive accommodations. To receive services, you must submit appropriate documentation and complete an intake process during which the existence of a qualified disability is verified and reasonable accommodations are identified. Call 293.4622 for more information.

ACADEMIC DISHONESTY

Academic dishonesty or misconduct is neither condoned nor tolerated at OSUIT. Any student found guilty of academic dishonesty or misconduct shall be subject to disciplinary action. Academic dishonesty and/or misconduct includes, but is not limited to, the following actions: (1) Plagiarism: the representation of previously written, published, or creative work as one's own; (2) Unauthorized collaboration on projects; (3) Cheating on examinations; (4) Unauthorized advance access to exams; (5) Fraudulent alteration of academic materials; (6) Knowing cooperation with another person in an academically dishonest undertaking. Students are required to actively protect their work against misuse by others. For details, refer to The OSUIT Student Handbook (Student Rights and Responsibilities Governing Student Behavior) available online at http://www.osuit.edu/academics/forms/student_rights_responsibility.pdf.

STUDENT CONDUCT

Students are expected to cooperate in maintaining a classroom environment conducive to learning. Courteous and respectful behavior will be expected from all students each day. All cellular phones and electronic devices not relevant to class should be turned off. The use of tobacco in any form in University buildings is prohibited

LATE WORK

A tentative course schedule is provided with this syllabus. Homework is due at the beginning of class as assigned unless otherwise noted (due date posted on the Connect and D2l as well). Quizzes will take place at the beginning of class when they occur unless noted otherwise. It is important that you plan to attend every class. Should you be sick or have an excused absence you MUST contact the instructor or make arrangements before the class period begins on that day. Excused absences include but are not limited to: participating in a required university activity such as a field trip, fulfilling a military obligations, mandatory court appearances, death in the immediate family, extreme illness or accident to oneself or immediate family. Instructors, at their discretion, may require proof of such events. Emails, texts, and phone messages will be time stamped. If you let me know you will be absent the work due that day is to be made up the next day that you attend class. Otherwise, LATE WORK IS NOT ACCEPTED.

TESTING

*All tests are closed book and closed notes. One 8.5"x11" page may be used as a reference during each exam. Tests may not be made up on other days and any missed exams will receive a zero grade. **In addition to the final, I offer an optional exam at the end of the semester. This is the only comprehensive exam and serves several purposes. This will be a replacement for any missed unit exam. Also, should a student be unhappy with any unit exam or the final exam, you may take the optional exam to replace a lower grade. This option will NEVER hurt or lower your grade. This is only an option to help you. Should your optional exam grade not help your overall score it will not be used.*

HOMEWORK submitted on the due day **at the beginning of class** is considered to be on time. Late submissions are NOT accepted under any circumstances. All homework assignments will be done on engineering paper with one problem per sheet, front only. All steps and calculations must be shown to get credit for assignment and answers must be indicated either by underlining or circling. Midterm Exam and the Final Exam will be open book.

Attendance Policy for Face to Face courses:

A primary component of OSUIT's Mission is “to prepare and sustain a diverse student body as competitive members of a world-class workforce”. Regular and consistent attendance not only aids in academic success, dependable attendance is a requirement in today's real-world employment; therefore, regular and consistent attendance is a requirement in all OSUIT courses.

Definitions:

Absent: Failing to attend all or a significant portion of a class or lab session.

- A. Students may not be marked as absent if missing class for situations such as, but not limited to
 - 1. participating in a required university activity such as a field trip;
 - 2. fulfilling a military obligation;
 - 3. a mandatory court appearance;
 - 4. death in the immediate family;
 - 5. extreme illness or accident to oneself or immediate family. Instructors, at their discretion, may require proof of such events.
- B. It is the responsibility of the student to contact and inform the instructor and/or department in advance of such excused absences whenever possible.

Tardy: Arriving late to class as defined by the individual class instructor. Faculty, at their discretion, may equate three tardies to equal one absence.

Procedures:

Early Intervention

- A. Any student who misses 10% of an individual course (or earlier at faculty discretion) during a regular fifteen-week semester, or the equivalent portion of time in a shorter session, will have their name submitted by that course instructor to the OSUIT Early Alert System for retention intervention.
- B. At the point the Early Alert is issued, the student *must* meet with their assigned faculty advisor or designated faculty/staff member within seven (7) academic calendar days for counseling on how to improve their attendance and academic success.

Excessive Absences

- A. The University reserves the right to administratively withdraw any student from an individual course who misses 20% of that course, whether excused or unexcused, and, in the opinion of the instructor, the student does not have a reasonable opportunity to be successful in the course.
- B. Students should be aware any of the following may impact their financial aid:
 - 1. being administratively withdrawn from a course
 - 2. dropping a course
 - 3. their last date of attendance in a course

Please see OSUIT Policy 2-021 for full details and procedures.

Civil Engineering/Surveying Class Rules

These rules apply to all Civil Engineering/Surveying students and will be applied throughout the AAS and BT courses.

1. Attendance is expected for every class day unless you are informed otherwise by the instructor.
2. Homework, quizzes, and all assignments are due at the beginning of class, before the lecture starts, unless you are informed otherwise by the instructor. Any work not turned in at the beginning of class is considered late.
3. Tardiness/late work will not be accepted. Homework and quizzes turned in after the lecture has started will receive zeros and may not be made up. Lab grades and participation points will be pro-rated based on the time you arrive per instructors criteria.
4. If you will not be in class, or will be late to class, you **MUST** contact the instructor via phone or email **BEFORE** the class period begins. This is the only way late work will be accepted and will be due at the beginning of the following class period.
5. Plagiarism and copying is not accepted. Students that submit homework that appears to be copied will be questioned. Said homework will potentially receive zero points.

SYLLABUS ATTACHMENT

View the Syllabus Attachment, which contains other important information, by visiting http://osuit.edu/center/student_syllabus_information

CET 3443: Environmental Engineering – Fall 2017

Week	Course Outline Schedule	Chapter	Topic	Suggested Problems
1	Thursday, September 07, 2017	1	Introduction	
2	Tuesday, September 12, 2017	2	Environmental Engineering	
2	Thursday, September 14, 2017	2	Materials and Energy Balances	
3	Tuesday, September 19, 2017	2	Materials and Energy Balances	HW1:2.7, 2.17, 2.27
3	Thursday, September 21, 2017	4	Materials and Energy Balances	
4	Tuesday, September 26, 2017	1, 2, 4	Quiz 1	
4	Thursday, September 28, 2017	4	Water Resources Engineering	
5	Tuesday, October 03, 2017	4	Water Resources Engineering	HW2: 4.1
5	Thursday, October 05, 2017	1, 2, 4	Exam 1	
6	Tuesday, October 10, 2017	5	Water Chemistry	
6	Thursday, October 12, 2017	5	Water Chemistry	HW3:5.1, 5.2, 5.3
7	Tuesday, October 17, 2017	6	Water Treatment	
7	Thursday, October 19, 2017	6	Water Treatment	HW4:6.1, 6.2
8	Tuesday, October 24, 2017	5, 6	Quiz 2	
8	Thursday, October 26, 2017	7	Water Pollution	
9	Tuesday, October 31, 2017	7	Water Pollution	
9	Thursday, November 02, 2017	7	Water Pollution	
10	Tuesday, November 07, 2017	7	Water Pollution	HW5:7.12, 7.16
10	Thursday, November 09, 2017	5, 6, 7	Exam 2	
11	Tuesday, November 14, 2017	8	Wastewater Treatment	
11	Thursday, November 16, 2017	8	Wastewater Treatment	
12	Tuesday, November 21, 2017	9	Air Pollution & Control	HW6: 9.1
12	Thursday, November 23, 2017		Thanksgiving Holiday	
13	Tuesday, November 28, 2017	10	Noise Pollution & Control	HW7: 11.1
13	Thursday, November 30, 2017	11	Solid and Hazardous Waste Management	
14	Tuesday, December 05, 2017		Review	
14	Thursday, December 07, 2017	8, 9, 10, 11	Final Exam	
15	Tuesday, December 12, 2017		Optional Exam	

Schedule is subject to change at instructor discretion.