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Urtkpi 2024



Eqwtug: CENG 0360, Chemical Reaction Engineering
Ngevtg Jqwtu: Tuesday and Thursday 08:00 AM - 09:30 AM
Nqecvkqp: Luther H. Foster Hall, Room 325
Kpvtwevqt: Shahryar Jafarinejad, PhD
Go ckn: sChemical Reaction Engineering, 2

nd Edition,
Prentice Hall. **QT** H. Scott Fogler, Elements of Chemical Reaction Engineering, 5th
Edition, Prentice Hall.

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Octave Levenspiel, Chemical Reaction Engineering, 2nd Edition, Analysis and
Design, John Wiley & Sons, 1979.

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Attendance is important for successful completion of this course. You will need to
sign the class roster each day to be counted as attending the class. Students are
expected to attend all scheduled classes. A student who arrives in class after
beginning of class will be considered absent but may still attend the remainder of
the class. The attendance grade will be based on the percentage of classes present
(or excused).

All assignments are due at the beginning of No late project is accepted.

A “day” for the purpose of defining early, timely and late assignments is
referenced to 08:10 AM.

You should use CANVAS to submit assignments. Some assignments may be
given through email. You will be held entirely responsible for failure to receive
and read email in a timely manner.

You should show all your work in homework, tests, exams, or quizzes, not just to
receive partial credit in cases where your answer is not correct but also to support

your answer and receive full credit when correct. Correct answers that are not fully supported by work will generally not receive full credit.

Cheating will not be tolerated. **Ap{ uvwfgpv ecw i jv ejgcvkpi yknn igv c |gtq hqt vjcv gzc o 0**

A second offense will result in an F for the course.

Be prepared to answer questions during the lecture and ask questions on the topic that you do not understand. Also be prepared to work out example/homework problems on the board.

Students are not allowed to talk with each other during lecture, quizzes, exams, and final exam. If there is an emergency, the students need to go outside of the class to talk for maintaining a better learning environment in the classroom.

The student is expected to attend regularly all classes in an attire that meets the College's Dress Code Policy of Business Casual. Students who are not attired appropriately will be asked to leave class and may return with appropriate dress. Students may return with the tardy noted; however, students who do not return will receive an absence. The instructor has the right to establish the rules and regulations for the classroom for it to be a conducive place for teaching and learning. The classroom is the place for the beginning of professional training.

Final exam will be done in the exam white book given by the instructor in pen.

Cell phones must be turned off and put away during quizzes, exams, and final exam; otherwise, it will be considered a form of cheating. The use of Cell phones during class is discouraged at all times as it is distracting to the user, the instructor, and other students.

All quizzes/Tests/Final exams will be CLOSED everything (any book, note, homework, cell phone, etc.) except a standard calculator. Instructor may give you all required information and equations. Note that students need to know the derivation of some required equations. You will have 3 tests throughout the semester and ALL test scores will count towards the calculation of your final grade. Quizzes will be announced or unannounced, and may be given at any time for 10 or 15 minutes. You will not get extra time if you arrive late. Students who miss a quiz without an official excuse will receive a zero for that work.

No sharing of any materials (e.g., calculator) during exams.

No make-up assignments (tests, quizzes, and design problems) will be given.

Exceptions:

University allowed excuses with WRITTEN PROOF.

Medical reasons with WRITTEN PROOF.

In the event of a medical emergency, proof must be provided within 24 hours of the student's return to campus or release from doctor's care.

In the event of an excused absence, make up assignments must be done by the next class meeting following the date of the excused absence (unless scheduled with the instructor). The student is responsible for his/her own missed assignments.

A student, who has a medical excuse (i.e. note from a physician or qualified health care facili œ an

It is likely that any makeup work will need to be scheduled during the interim period. Thus, a student with a valid excuse will receive a grade of I in the course until the work is made up. The exception is if the score on the missed work does not impact the final letter grade. In this case, no make-up assignment will be given. Regarding exams, the first excused absence for an exam will result in the substitution of the final exam score for that exam grade. General makeup policies apply for subsequent excused absences from exams.

Effective Spring 2012, the tuskegee.edu email system at Tuskegee University is required for all instructional administrators, faculty, staff and students.

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Students will

Objective1. Apply knowledge of mathematics, chemistry, material and energy balances, fluid mechanics, and heat transfer to reactor design equations.

Objective2. Analyze and interpret statistically raw data on chemical reactions for the design of reactors.

Objective3. Design safe reactors given reaction data and operation conditions.

Objective4. Submit design reports.

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Outcomes	1	2	3	4	5	6	7
Objective1	X	X					
Objective2	X						
Objective3	X						
Objective4	X		X				

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3. an ability to communicate effectively with a range of audiences
4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Excuses/Class Missed

Excuses related to covid infection as well as exposure have to be received from the Dean of Students office. Students should request the excuse for absence from the Dean of Students office as soon as they become aware of covid infection or exposure. Students may request a classes missed memo by contacting the Office of the Dean of Students and Student Conduct (334) 727-8421, via e-mail tharper@tuskegee.edu or by going into the office located in suite 203 Tompkins Hall.