

MEMORANDUM FOR STUDENTS ENROLLED IN CHEN 4109 – Section 01
Spring 2026

SUBJECT: CHEN 4109 – Senior Seminar - Administrative Instructions

Lecture times:

Fr: 9:05 am – 10:00 am, RBN 1034

Office Hours: Tu/F, 1:00-2:30 pm, RBN 2043

Instructor: Fernando Resende

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Welcome to CHEN 4109 – Senior Seminar. This is a one-credit course that will provide support and feedback for the students to develop career plans, prepare for presentations and interviews, expose them to new topics in Chemical Engineering that may be outside of the regular curriculum, and to learn from professional experiences of more experienced engineers. This course will present invited speakers to address professional ethics, careers in industry, licensure, and necessity for life-long learning, environmental and political constraints, in addition to research topics. Each student will prepare for the career fair, research modern topics in Chemical Engineering, share information with their class, and develop a professional plan to follow after graduation.

The course objectives are:

CHEN 4109 Senior Seminar Course Objectives:

1. Interpret and synthesize insights from practicing Chemical Engineers across a range of industries, career stages, and professional roles;
2. Establish professional connections with industry leaders;
3. Articulate a professional identity as a Chemical Engineer, including values, interests, strengths, and constraints that shape career decisions;
4. Develop a realistic and adaptable career plan for the first five years after graduation, including alternative pathways and strategies for continued professional growth and lifelong learning.
5. Recognize, analyze and discuss modern topics in Chemical Engineering;
6. Practice presentation skills

1. The course has one co-requisite:

- ✓ CHEN 4170 (Chemical Plant Design I)

2. The goal of our faculty is to be commonly available to you for assistance, so you are encouraged and expected to seek **additional instruction**. Take advantage of it, it is FREE and really will help! There are several ways you can seek help:

- ✓ You are welcome to stop by the instructor's office at any time. However, for your own satisfaction, you can ensure the instructor is available at the office by using the following options:
- ✓ Come to Office hours. This is the time the instructor has set aside to answer your questions.
- ✓ E-mail or call the instructor to set up a mutually agreeable time to meet with the instructor,
- ✓ E-mail your questions to the instructor (this is the least preferred option because of the limited effectiveness of e-mail communication), but it is acceptable if other options are not possible.

3. Use of Artificial Intelligence (AI):

I expect all work students submit for this course to be their own. I have carefully designed all assignments and class activities to support your learning. Doing your own work, without human or artificial intelligence assistance, is best for your efforts in mastering course learning objectives. For this course, ***I expressly forbid using ChatGPT or any other generative artificial intelligence (AI) tools for any stages of the work process, including brainstorming.*** Deviations from these guidelines will be considered a violation of UT Tyler's Honor Code and academic honesty values.

Mode of delivery: This is a face-to-face course.

4. Class Room Procedures:

- a. *Textbooks:* There are no textbooks required for this course.

5. Evaluations/Grading:

Course Points

One-page seminar reports (14 at 4.0 points each)	56 (56 %)
Power point presentation (1 at 16.0 points)	16 (16 %)
Five Year Career Plan with Reflection (1 at 26.0 points)	26 (26 %)
Job Fair (1 at 2.0 points)	2 (2 %)
Total 100 (100%)	

Grade Scale based on points

85.0 points or higher	A
Between 70.0 and 84.0	B
<i>Between 60.0 points and 69.9</i>	<i>C</i>
Between 30.0 and 59.9 points	D
Less than 30.0 points	F

You need at least 60 points total to pass the course with a C grade. You need to be at the class average to receive a B grade.

6. Collection of Student Work:

Throughout the semester I will collect student work (best, average, and worst) for the ABET course and outcomes notebooks. This will require me to make a copy of your work, keep your original and return a copy of the graded work to you.

7. **UT Tyler Honor Code** - Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do.
8. **Students Rights and Responsibilities:** to know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link: <http://www.uttyler.edu/wellness/rightsresponsibilities.php>.
9. **Campus Carry** - We respect the right and privacy of students 21 and over who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at <http://www.uttyler.edu/about/campus-carry/index.php>.
10. **UT Tyler a Tobacco-Free University** - All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty, staff, University affiliates, contractors, and visitors. Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products. There are several cessation programs available to students looking to quit smoking, including counseling, quitlines, and group support. For more information on cessation programs please visit www.uttyler.edu/tobacco-free.
11. **Grade Replacement/Forgiveness and Census Date Policies** - Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. Grade Replacement Contracts are available in the Enrollment Services Center or at <http://www.uttyler.edu/registrar>. Each semester's Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar. Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract. The Census Date is the deadline for many forms and enrollment actions of which students need to be aware. These include:

- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)
- Schedule adjustments (section changes, adding a new class, dropping without a “W” grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment
- Completing the process for tuition exemptions or waivers through Financial Aid

12. State-Mandated Course Drop Policy - Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date). Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

13. Disability/Accessibility Services - In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA) the University of Texas at Tyler offers accommodations to students with learning, physical and/or psychological disabilities. If you have a disability, including a non-visible diagnosis such as a learning disorder, chronic illness, TBI, PTSD, ADHD, or you have a history of modifications or accommodations in a previous educational environment, you are encouraged to visit <https://hood.accessiblelearning.com/UTTyler> and fill out the New Student application. The Student Accessibility and Resources (SAR) office will contact you when your application has been submitted and an appointment with Cynthia Lowery, Assistant Director of Student Services/ADA Coordinator. For more information, including filling out an application for services, please visit the SAR webpage at <http://www.uttyler.edu/disabilityservices>, the SAR office located in the University Center, # 3150 or call 903.566.7079.

14. Student Absence due to Religious Observance - Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester.

15. Student Absence for University-Sponsored Events and Activities - Revised 05/19 If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

16. Social Security and FERPA Statement - It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

17. Emergency Exits and Evacuation - Everyone is required to exit the building when a fire alarm goes off. Follow your instructor's directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services.

18. Student Standards of Academic Conduct - Disciplinary proceedings may be initiated against any student who engages in scholastic dishonesty, including, but not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.

i. "Cheating" includes, but is not limited to:

- copying from another student's test paper;
- using, during a test, materials not authorized by the person giving the test;
- failure to comply with instructions given by the person administering the test;
- possession during a test of materials which are not authorized by the person giving the test, such as class notes or specifically designed "crib notes". The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the test;
- using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program;
- collaborating with or seeking aid from another student during a test or other assignment without authority;
- discussing the contents of an examination with another student who will take the examination;
- divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructors has designated that the examination is not to be removed from the examination room or not to be returned or to be kept by the student;
- substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment;
- paying or offering money or other valuable thing to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program or information about an unadministered test, test key, home solution or computer program;
- falsifying research data, laboratory reports, and/or other academic work offered for credit;
- taking, keeping, misplacing, or damaging the property of The University of Texas at Tyler, or of another, if the student knows or reasonably should know that an unfair academic advantage would be gained by such conduct; and
- misrepresenting facts, including providing false grades or resumes, for the purpose of obtaining an academic or financial benefit or injuring another student academically or financially.

ii. "Plagiarism" includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means another's work and the submission of it as one's own academic work offered for credit.

iii. "Collusion" includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty.

iv. All written work that is submitted will be subject to review by plagiarism software.

19. UT Tyler Resources for Students

- UT Tyler Writing Center (903.565.5995), writingcenter@uttyler.edu
- UT Tyler Tutoring Center (903.565.5964), tutoring@uttyler.edu
- The Mathematics Learning Center, RBN 4021, this is the open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses.
- UT Tyler Counseling Center (903.566.7254)

week	January	Speaker	Deliverables
1	16	Scott Baker	-
2	23	Jennifer Flodder	Submit seminar report 1 (1-page)
3	30	BJ Hebert	Submit seminar report 2 (1-page)
	February	Speaker	Deliverables
4	6	Zane Lopez (Delek)	Submit seminar report 3 (1-page)
5	13	Zach Collins	Submit seminar report 4 (1-page)
6	20	Elena Easson	Submit seminar report 5 (1-page)
7	27	Pete Ministrelli	Submit seminar report 6 (1-page)
	March	Speaker	Deliverables
8	6	Ashley Miller	Submit seminar report 7 (1-page), job fair
9	13	Spring Break	-
10	20	Ben Lewis (Samuel)	Submit seminar report 8 (1-page)
11	27	Adam Russo	Submit seminar report 9 (1-page)
	April	Speaker	Deliverables
12	3	M. Scott Green (or Primoris Rep.)	Submit seminar report 10 (1-page), Submit Five Year Career Plan with Reflection
13	10	Jacob Spitzer (Samuel)	Submit seminar report 11 (1-page)
14	17	Ryan Bloser (or Samuel Rep)	Submit seminar report 12 (1-page)
15	24	Margot Purdy	Submit seminar report 13 (1-page)
-	27	-	Submit seminar report 14 (1-page)