

SENG 4352 - Internship in Systems Engr: Internship in Systems Engr-WIN (SSI - June 03 to July 05)

Summer 2024 Syllabus, Section 380, CRN 51305

Instructor Information

Mahmoud Khasawneh

Email: mahmoud.khasawneh@tamiu.edu

Office Hours:

TR, 10:00 - 11:00

Office Phone: 956-326-2669

Times and Location

Does Not Meet Face-to-Face

Course Description

WIN-Designation

This course is designated as a writing-intensive (WIN) course. In this course, writing will not only be the subject of study, but it will also serve as a method of learning. Students will learn how communication in written, oral, and visual forms change according to purpose and genre. Brainstorming, drafting, revising, and peer-workshopping are integrated into the course curriculum and are the required components of this writing-intensive course. The final Research Paper is the designated assignment for WIN assessment.

Program Learning Outcomes

- Demonstrate success in systems engineering or related careers.
- Demonstrate a commitment to serve society through involvement with community or engineering organizations.
- Demonstrate a commitment to life-long learning via advanced studies, professional development training, or engineering certification.

Student Learning Outcomes

Upon successful completion of this course, the student will be able to:

- apply professional judgment in the work environment;
- explain the legal, professional, and ethical issues in engineering;
- identify, analyze and solve technical problems;
- Write and submit progress reports;
- Write and submit a final project report; and
- deliver oral presentations with appropriate audio-visual materials.

Important Dates

Visit the Academic Calendar ([tamiu.edu](https://www.tamiu.edu)) (<https://www.tamiu.edu/academiccalendar/>) page to view the term's important dates.

Grading Criteria

Pass	70% or above
Fail	69% or lower.

Grade Distribution

Weekly Progress Reports	15%
Midterm Exam Report	25%
Midterm Presentation	5%
Final Comprehensive Report	40%
Final Presentation	15%

Deliverables and Due Dates

Week of	Agenda/Topic	Reading(s)	Due
6/3	Progress Report 1		June 7, 11:59 PM
6/10	Progress Report 2		June 14, 11:59 PM
6/17	Midterm Exam Report		June 21, 11:59 PM
6/24	1. Midterm Exam Presentation 2. Progress Report 3		1. June 24, 8:00 AM 2. June 28, 11:59 PM
7/1	1. Final Comprehensive Report 2. Final Presentation		1. July 3, 11:59 PM 2. July 3, 11:59 PM

Distance Education Courses

Online Courses and On-Campus Meetings

Texas Administrative Code (TAC), Title 19, Part 1, Chapter 2, Subchapter J, Section 2.202 ([https://texreg.sos.state.tx.us/public/readtac\\$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=19&pt=1&ch=2&rl=202](https://texreg.sos.state.tx.us/public/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=19&pt=1&ch=2&rl=202)), defines distance education as the formal educational process that occurs when students and instructors are not in the same physical setting for the majority (more than 50%) of instruction. Distance education includes hybrid and 100% online courses and programs as defined by the Texas Higher Education Coordinating Board (THECB):

- **Hybrid Course** - A distance education course in which more than 50 percent but less than 100 percent of instructional activity takes place when the student(s) and instructor(s) are in separate physical locations.
- **100-Percent Online Course** - A distance education course in which 100 percent of instructional activity takes place when the student(s) and instructor(s) are in separate physical locations. **Requirements for on-campus or in-person orientation, testing, academic support services, internships/fieldwork, or other non-instructional activities do not exclude a course from this category.**

In this online course, be sure to confirm what in-person meetings may be required of you (if applicable).

Course Communication Guidelines (Netiquette)

There are course expectations concerning etiquette or how we should treat each other online. We must consider these values as we communicate with one another. Visit **Instructional Technology and Distance Education Services' web page on Netiquette** (<http://www.tamui.edu/distance/students/netiquette.shtml/>) for further instruction.

Accommodations/Accessibility Policy

Texas A&M International University seeks to provide reasonable accommodation for all qualified persons with disabilities. This University will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to register with the Director of Student Counseling and to contact the faculty member in a timely fashion to arrange for suitable accommodation. For more information, contact the online at **Office of Disability Services for Students (DSS)**,

via phone at 956.326.3086 or by visiting the staff at the Student Center, room 118. A link to the Disabilities Services for Students site has also been included under the "Resources" tab inside the course.

Student Support Resources

The University wishes to have all students succeed in their courses. To provide support to our students, an array of services in the areas of technology support, academic support, student support, and accessibility support may be found at the University. For more information, visit the Instructional Technology and Distance Education Services page on **University Resources and Support Services**.

Computer/Technology Requirements

When participating in distance education courses, it is vital to consider the technology involved in order to have a successful course. Online students will need regular access to a personal computer that runs on a broadband Internet connection.

It is recommended that you meet the technical requirements listed on the Instructional Technology and Distance Education Services' webpage when using the learning management system (LMS) of the University.

NOTE: Instructional Technology and Distance Education Services may check out available webcams to students on a first-come, first-served basis. To check out a webcam, please stop by Killam Library, Room 259, and request an available webcam.

Note: Students, if you do not own the required hardware or software or do not have access to the Internet, it will be highly challenging for you to make any progress in this class. However, my goal is to assist you in finding solutions and guide you appropriately most of the required materials can either be found free of charge at TAMIU's library, classrooms, and available computer labs. **Visit Media Services' web page on the availability of on-campus computer labs.** In addition, you may also purchase any of these items at any electronic store.

Learning Management System (Blackboard)

Students are provided with an orientation (*eLearning (Blackboard) Student Orientation*) and access to guides on how to use the Blackboard LMS. Guides may be available at **Instructional Technology and Distance Education Services' Student eLearning Tutorial Videos page** or by contacting the eLearning team at elarning@tamiu.edu.

Minimum Technical Skills Expected

When participating in distance education courses, it is vital to consider the technology involved in order to have a successful course. Students in distance education should have knowledge of basic computer and Internet skills, as mentioned on the **Instructional Technology and Distance Education Services' webpage**.

Technical Support Services

Because of the nature of distance education courses, the Office of Information Technology (OIT) computing and information services are vital to the success of online students. This webpage covers contact information for Distance Education Services (Blackboard Support), the OIT Help Desk, and E-mail support: **Technical Support Services**.

Late Work Policy

Instructors should include the policy stating what may or may not be acceptable for late assignments.

Course Evaluation

At the end of this course, students are encouraged to complete a course evaluation that will be distributed to them via email and through a course link.

Accessibility and Privacy Statements on Course Technologies

At Texas A&M International University, we believe that all students should have equal technology opportunities in the classroom. These technologies/sites may also require user data, such as the creation of a username and password. You may find the accessibility and privacy policies of the technologies used in this class on the following pages: **Accessibility Statements and Privacy Statements**.

Syllabus Subject to Change

While information and assurances are provided in this course syllabus, it should be understood that content may change in keeping with new research and literature and that events beyond the control of the instructor could occur. Students will be informed of any substantive occurrences that will produce syllabus changes.