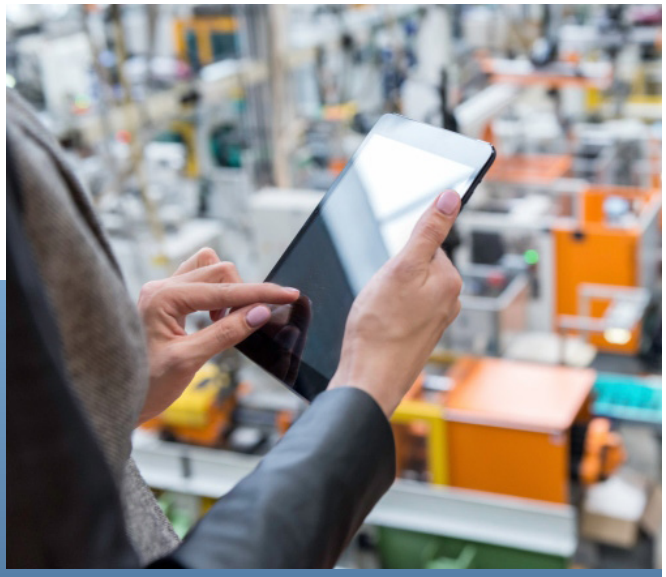
UTEP ONLINE



ONLINE GRADUATE CERTIFICATE IN

SYSTEMS ENGINEERING

PROGRAM HIGHLIGHTS

15 credit hours

In-state tuition: $782/credit hour*

Out-of-state tuition: $782/credit hour*

** Tuition is based on current rates and is subject to change.**

- Offered in an easily accessible 100% online format by UTEP's College of Engineering
- Designed for working professionals and students who are interested in learning how to develop and manage complex systems
- Curriculum prepares students to apply new engineering models to environments that are constantly changing and provides a pathway towards a master's degree
- Students enjoy access to industry partners like Lockheed Martin and Department of Defense contractors

WHY A GRADUATE CERTIFICATE IN SYSTEMS ENGINEERING?

Systems engineering is an essential part of the way the world works today. It combines several skill areas — people, facilities, policies, hardware, software and documents — into an integrated discipline that combines human factors, technology, process engineering and management.

A graduate-level certificate in systems engineering is ideally suited to students who

- Are limited by time and resources and/or corporate sponsorship and are only able to commit to a 15 semester credit hour program
- Want to pursue systems engineering as a secondary interest
- Are getting degrees in other fields but would like to get a GCSE at the same time

Credits earned may also be applied towards a master's degree.

Opportunities in systems engineering are available in a wide range of industries including manufacturing, aerospace, defense, healthcare, electronics, automotive, education, software, government and other sectors that have a need for peoplewho can understand and manage complex systems.

READY TO CONNECT OR HAVE QUESTIONS?

Call **1-800-684-UTEP** to speak with an enrollment counselor today or visit us at **utepconnect.utep.edu**.

ADMISSIONS REQUIREMENTS

To qualify for admission into the Graduate Certificate in Systems Engineering, you must:

- Complete and submit a graduate admissions application and application fee
- Have a bachelor's degree from an accredited university
- Submit official transcripts in accordance with the requirements of the Graduate School
- Write a brief statement of purpose
- Provide a letter of recommendation from an individual who can evaluate your ability to succeed in a rigorous graduate program, or from the company sponsoring you (if appropriate)
- Provide other evidence of relevant personal or professional experience

RECOMMENDATIONS FOR ADMISSION ARE MADE ON THE BASIS OF THE FOLLOWING:

- GPA in upper-division or graduate work, as appropriate
- Professional commitment and interest as demonstrated by the personal statement and other supporting materials as available
- Letters of recommendation
- Leveling courses if applicable

INTERNATIONAL STUDENTS MUST ALSO SUBMIT:

- Official TOEFL (Test of English as a Foreign Language) scores

CURRICULUM

CORE COURSEWORK

SE 5341	Systems Engineering Fundamentals
SE 5342	Systems Engineering Management
SE 5343	Systems Requirements Analysis
SE 5344	Systems Integration, Verification & Validation
SE 5345	Systems Engineering Project Practicum

TOTAL CREDITS: 15

Note: Curriculum is subject to change.

UTEP ONLINE
THE UNIVERSITY OF TEXAS AT EL PASO

PHONE: 1-800-684-UTEP
EMAIL: utepconnect@utep.edu
WEBSITE: utepconnect.utep.edu

GO MINERS!