

E-Learning Certificate Program

Overview

The Educational Technology program is committed to offering E-Learning Certificate, a fully Web-based, graduate-level, non-degree program in the area of distance education with an emphasis on e-learning. The 12-hour certificate program targets e-learning practitioners seeking a graduate certificate and those who show interest in teaching/learning online initiatives in higher education or at e-learning industries.

Please note that the 12-credit-hour program is not the same as any state teaching license. The certificate is offered through UTB.

Program Description

Goal

The goal of the E-Learning Certificate program is intended for student candidates to be able to serve as effective online educators by advancing knowledge and skills in electronic learning, both conceptual and practical. With the advanced studies in the graduate program, these candidates are also able to meet changing job requirements in response to current trends in e-learning.

Objectives

Upon completion of the program, student candidates will have mastered the following skills, both systematically and systemically.

- Students will analyze the differences and similarities between electronic learning and face-to-face learning
- Students will assess a real-life e-learning situation by determining an overarching goal, its underlying objectives, and resources needed to meet them
- Students will design an e-learning "package" by outlining performance objectives and strategizing learning events
- Students will develop a quality and effective e-learning package
- Students will manage an e-learning project with confidence and efficiency
- Students will judge an e-learning solution by conducting formative and summative evaluations
- Student will demonstrate the ability to provide e-learning leadership by triangulating information from assessment and evaluation and making informed decisions

Delivery

This program is delivered completely online through a course management system (currently Blackboard) in conjunction with a conference management system (currently Wimba Live Classroom).



12 Credit Hour Program

EDTC 6321 Instructional Design
EDTC 6323 Multimedia/Hypermedia
EDTC 6358 Theory and Practice of E-Learning
Elective: 3 Hours-(The elective course will require prior approval of the faculty coordinator of this certificate program.)

Estimated Completion Time

The anticipated completion time is two semesters. Students are strongly advised to take EDTC 6321 and an approved elective course in the first semester and then complete EDTC 6323 and EDTC 6358 in the second.

Application

To apply for the Certificate program, candidates must have a bachelor's degree with a GPA of 2.5 or higher from an accredited institution. Unless mentioned otherwise in the UTB Graduate Catalogue, student applicants are expected to follow UTB non-degree admission policies. Please contact Ms. Mari Stevens, Graduate Studies Specialist, at (956) 882-6587 or email her at Mari.Stevens@utb.edu for the process of application.

Transfers

The program does not allow courses to be transferred from other programs or institutions.

Relationship to Existing Programs

The existing Master Technology Teacher (MTT) program, the other certificate program of Educational Technology, is intended to prepare technology mentors, primarily those who work in K-12 settings. Complementing the MTT program, the newly approved E-Learning Certificate program serves a different intended audience who work in non-K-12 environments. These E-Learning students may come from high-demand professions, such as nursing and criminal justice. E-Learning graduates usually work as instructional designers/developers in higher education, or industries with an e-learning workforce.

The relationship of the E-Learning program with the existing M.Ed. in Educational Technology program is also complementary. All the earned credit hours may be applied to the M.Ed. in Educational Technology program at UTB/TSC with the faculty advisor's prior approval.

Program Contact Information

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Course Descriptions

EDTC 6321 Instructional Design

The design of instructional and management systems is examined through field experience and research reports. Focus is on the components, design, and utilization of local/area distributed networks in the school setting. Lec 3, Cr 3

EDTC 6323 Multimedia/Hypermedia

This course includes the study of the use of hypermedia, hypertext, and multimedia in education. Basic study of topics on hardware and software capabilities, selection and implementation. It also includes customizing and creating information, integrating text, graphics, video, music, voice, and animation. Lec 3, Cr 3

Prerequisite: EDTC 6321

EDTC 6358 Theory and Practice of E-Learning

This is the capstone course for the E-Learning Graduate Certificate Program. Students are expected to apply previously learned skills and knowledge to plan and manage an e-learning project in a real-life context. Lec 3, Cr 3