INSTRUCTIONAL TECHNOLOGY WITH INSTRUCTIONAL TECHNOLOGY SPECIALIST CERTIFICATION, M.S.

NOTE: This program is currently on moratorium and is not enrolling new students at the moment.

Program Description

The M.S. in Education with a concentration in Instructional Technology and with the Instructional Technology Specialist Certification is a 36-credit online graduate program that harnesses the latest technology tools and interactive, multi-media strategies to advance learning and comprehension in an instructional setting. This advanced specialty degree is built on a curriculum of hands-on practice and experience with the cutting-edge technologies that are used daily in modern classrooms and corporate training environments.

This program leads toward the Technology Specialist Certification and provides students with the theory and hands-on experience necessary to aid teachers in their quest to bring technology into the classroom. Graduates are eligible for Instructional Technology Specialist Certification in the Pennsylvania public school system, a credential that can be the basis for educational certification in many other states as well.

This program requires a six-credit 16-week fieldwork component in a K-12 setting (ITS 695 Instructional Technology Internship) at the end of the program. Prior to beginning this graduate internship, students must submit the SJU Background Clearance Document verifying that they have obtained all required clearances for their state. All clearances must be valid through the end of the Graduate Internship.

All courses in this program are offered online and in an eight-week format.

Learning Goals and Objectives

Goal 1: Students will develop and implement a shared vision for the comprehensive integration of technology throughout the instructional environment

Objective 1.1: Students will develop technology-infused strategic plans at the district and school level.

Objective 1.2: Students will implement strategies for sustaining technology innovations.

Goal 2: Students will use technology effectively for differentiating student learning

Objective 2.1: Students will create technology-enhanced learning experiences

Objective 2.2: Students will incorporate research-based best practices in instructional design

Goal 3: Students will create effective digital age learning environments to maximize the learning of all students

Objective 3.1: Students will select and evaluate adaptive and assistive technologies to support student learning.

Objective 3.2: Students will evaluate digital tools and resources that enhance teaching and learning.

Goal 4: Students will develop technology-related professional learning

Objective 4.1: Students will conduct needs assessments to inform the content and delivery of technology-related professional learning programs

Objective 4.2: Students will design technology-related professional learning programs

Goal 5: The student will demonstrate the ability to become an agent who can deliver on the Jesuit promise of educational justice.

Objective 5.1: The student will demonstrate the ability to interact positively and respectfully with those of different racial, ethnic, language and socioeconomic backgrounds and sexual orientations through collaboration with their peers.

Objective 5.2: The student will demonstrate the ability to challenge practices and policies that reinforce inequalities and equitable access to technology for all learners.

Code   Title                                Hours
Nine (9) Core Courses
ITS 605 Technology Appl for Classroom    3
ITS 610 Apply Theory Lrn Interact Tech    3
ITS 615 Intro to Interact Technology     3
ITS 620 Multimedia Productions           3
ITS 625 Res in Instruct Technology       3
ITS 630 Instructional Design             3
SPE 630 Design&Tech Differentiated Ins   3
ITS 640 Technology Plan Across Curr       3
ITS 646 Cultur Ling:Diversity & Techn    3
Select one (1) of the following:
ITS 635 Networks:Config & Implement
ITS 645 Teach & Learn at a Distance
ITS 655 Del Instruct-Interact Peripher
Graduate Internship
ITS 695 Instructional Tech. Internship