INSTRUCTIONAL TECHNOLOGY (ITED)

ITED 310. Introduction to Instructional Design/Tech. 3 Hours.
This course introduces the principles and application of instructional design and technology, providing students with an understanding of the process of instructional design as a means of solving instructional problems, as well as an overview of the technology tools used to facilitate learning in classroom, computer-based training, and online environments. Special attention is placed on the effective use of technology to attain instructional objectives.

ITED 315. Introduction to Instructional Technology. 3 Hours.
This course is designed to develop pre-service teachers' skills to evaluate and make informed decisions for the integration of technology to support student learning. Learners will implement a lesson plan technique (GAME PLAN) for self-directed professional growth and leadership for appropriate use of classroom technology in a K-12 environment. Emphasis is placed on integrating the Google Education Suite into the learning environment.

ITED 350. Technology and Digital Literacy. 3 Hours.
This course is designed to assist students with developing skills for using web applications and mobile computing. The activities in the course assist students with promoting critical thinking and problem-solving skills by engaging them with digital tools being used in daily life. Topics covered include: technology in society, computers and digital components, the internet- how it works and making the most of web resources , applications for work and play, and systems software- operating systems, utilities and file management, information technology ethics, understanding and assessing hardware, digital devices and media and protection, information technology careers, software programming, databases and information systems, networking and security. There is an emphasis on using the Microsoft Office Suite of Products in this course including Word, Excel, PowerPoint, and Access.

ITED 426. Instructional Video Development. 3 Hours.
This course teaches principles of instructional video development including designing for learning objectives, effective audio and lighting techniques, video recording and editing. Course is cross-listed with ITED 526. Prerequisite: ITED 315 or ITED 350.

ITED 428. Digital Citizenship, Ethics and Critical Media Evaluation. 3 Hours.
This course is designed to introduce students to the rights and responsibilities of living and working in a digital society. Emphasis will be placed on ethics and legal issues with technology, managing digital identities, understanding permanence of actions in digital environments, digital intellectual property use and distribution, digital privacy, security and data-tracking, and critical evaluation of information retrieved from web sources.

ITED 450. Website Design and ePortfolio Development. 3 Hours.
This course introduces students to developing websites for personal use. The course covers basic web programming using HTML markup language and Cascading Style Sheets (CSS) for design. Students will also be introduced to developing websites using cloud-based web development platforms (Wix, Site Builder, GoDaddy, etc.). An emphasis will be placed on the process and products needed to create an ePortfolio website. Students will research and report on literature that supports evidence based practices for web-design and portfolio.

ITED 480. Management and Development of Instructional Technology Projects. 3 Hours.
This course presents the project development cycle used to plan, manage, and develop instructional technology projects. Students are taught to identify learning objectives, determine the appropriate technologies to accomplish those objectives and manage instruction technology project development through completion and evaluation. Cross-listed with ITED 580. Prerequisite: ITED 315 or ITED 350.

ITED 489. Independent Study. 3 Hours.
This course provides individual instruction. Students may repeat the course when topics vary.

ITED 497. Special Topics. 3 Hours.
Instructors will provide an organized class designed to cover areas of specific interest. Students may repeat the course when topics vary.