INSTRUCTIONAL SYSTEMS DESIGN AND TECHNOLOGY (ISDT)

ISDT 5363. The Role Of Technology Liaison. 3 Hours.
This course is designed to assist the technology liaison in learning how to facilitate classrooom teachers throughout the instructional process, supported by technology. Attention is given to the foundation of social, ethical, legal and human issues of technology use in PK-12.
Prerequisite: ISDT 5365, ISDT 5367.

ISDT 5365. Technology And Cognition. 3 Hours.
The purpose of Technology and Cognition is to incorporate technology into teaching and learning in relation to the brain development in school-age children, emphasizing instructional techniques for enhancing learner's cognitive development through the use of technology. Students will design advanced technological application for instruction, based upon best practices in technology and cognition.
Prerequisite: ISDT 5367.

ISDT 5367. Rdgs&Trends In Instructnl Tech. 3 Hours.
This course is designed to acquaint candidates with the critical writings and ideas of prominent practioners, researchers, and theorists in instructional technology with a focus on understanding the trends and issues pertaining to a scholarly study of integrating technology into teaching and learning. Candidates will evaluate the best instructional technology stategies evident in the literature and in practice in PK-16 education and industry settings.

ISDT 5369. Practicm-Technology Facilitatn. 3 Hours.
This course provides a field-based practicum in a school setting. Examination is made of the duties and responsibilites of the technology facilator on a daily basis.
Prerequisite: ISDT 5363, ISDT 5365, and ISDT 5367.

ISDT 7350. Issues in Instructional Tech. 3 Hours.
This course examines current social, economic, and ethical issues surrounding the acquisition and implementation of technology in instruction. Emphasis is placed on the research of past, present, and future applications of technology in instruction and applying theory to practice. Theoretical perspectives that inform future research in instructional technology will also be considered.
Prerequisite: Admission into the Ed.D. Instructional Technology program.

ISDT 7351. Distance Learning. 3 Hours.
This course presents the instructional, technical and management issues evident in instruction and learning offered via distance delivery systems. Various delivery systems and technology tools within those systems will be studied and critiqued to evaluate the effectiveness of each. The course highlights effective online course design and delivery with an attention to the learning resources and strategies evident in successful online teaching and learning.

ISDT 7352. Instructional Planning. 3 Hours.
Instructional Planning provides technology leaders with strategies to assist instructional personnel to plan and use digital-age tools.
Prerequisite: Admission into the Ed.D. Instructional Technology program .

ISDT 7353. Professional Development. 3 Hours.
In Professional Development, doctoral students will identify technology development needs, research current practices and design and implement a professional development sequence with support materials.
Prerequisite: Admission into the Ed.D. Instructional Technology program.

ISDT 7354. Leadership in Technology Admin. 3 Hours.
Leadership in Technology Administration will focus on decision-making for effective and efficient implementation of instructional and productiviy technologies, to include consideration of policy, current research, emerging technologies, learning needs, and available resources.

ISDT 7355. Program Evaluation. 3 Hours.
In Program Evaluation, doctoral students will evaluate professional learning programs that integrate technology effectively into instructional practices.
Prerequisite: Admission into the Ed.D. Instructional Technology program.

ISDT 7372. Statistical Methods. 3 Hours.
In Statistical Methods, doctoral students will manage, analyze, and interpret data related to the field of instructional technology. The course will focus on quantitative methods.
Prerequisite: Admission into the Ed.D. Instructional Technology program.

ISDT 7374. Qualitative Analysis. 3 Hours.
In Qualitative Analysis, doctoral students develop qualitative research skills by engaging in a substantial field-based instructional technology research project.
Prerequisite: Admission into the Ed.D. Instructional Technology program.

ISDT 7385. Doctoral Internship. 3 Hours.
In the Doctoral Internship, doctoral students, under the leadership of a qualified mentor, research, electronically document, and reflect on their study as they examine the future of technology, strategies for dynamic decision-making, effective and collaborative online communication, equitable access to technology resources for all learners, and community-based learning. At the conclusion of the 150 clock hour internship, doctoral students present an online documentary of their internship experiences.
Prerequisite: Admission into the Ed.D. Instructional Technology program.

ISDT 7388. Doctoral Field Studies. 3 Hours.
Doctoral students to independently administer an organizational instructional technology needs analysis. Based on the identified needs of the organization, the doctoral student then plans, implements, assesses, and modifies an instructional leadership project/case study to address the identified organizational need.
Prerequisite: Admission into the Ed.D. Instructional Technology program.

ISDT 7391. Application of Research. 3 Hours.
Application of Research assists the candidate in developing a dissertation proposal.
Prerequisite: 45 hours of coursework required for the Ed.D.

ISDT 8333. Doctoral Dissertation. 3 Hours.
Doctoral Dissertation will be the culmination of doctoral study. The dissertation topic for candidates will address important issues and gaps in the research literature in Instructional Technology. An original investigation will be planned, executed, and defended.
Prerequisite: Successful completion of the dissertation proposal defense.