

ITEC Instructional Tech Ed

ITEC 2130 Instructional Technology and Design for the Workplace 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

Instructional Technology and Design for the Workplace is an interdisciplinary course where students design, and develop prototypes of creative, integrated multimedia projects to solve real-world problems and challenges. This course will introduce students to the design and employment of current mobile applications, instructional technologies, multimedia design, social media, and technology-integrated strategies for the workplace.

ITEC 3131 Principles of E-Learning

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

Principles of e-Learning is a foundational course that introduces students to theories and applied learning principles for the design of e-learning environments in professional and educational settings.

ITEC 3132 Introduction to Instructional Design

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

Introduction to Instructional Design prepares students to design and develop professional learning experiences and materials using different approaches for a broad range of business, industry, and educational settings. This course will introduce students to models of instructional design and technology integration.

Prerequisite(s): A minimum grade of "C" in ITEC 2130.

ITEC 3133 Multimedia Message Design

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

Multimedia Message Design is designed to provide students a framework to access, evaluate, and use information effectively and ethically. Students will explore the design processes that are used in contemporary multimedia design.

Prerequisite(s): A minimum grade of "C" in ITEC 2130.

ITEC 3230 Instructional Technology for Special Education

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

This course is an introduction to the effective uses of instructional technology for Special Education majors. A systematic approach to selecting, producing, and utilizing various instructional technologies will be covered with an emphasis on the instructional uses of the computer. The course will correlate with the Special Education pre-service experience.

ITEC 3430 Instructional Technology for P-12 Teaching Fields

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

This course is designed for students enrolled in one of the P-12 teaching fields. It is an introduction to the effective uses of technology in an instructional setting. A systematic approach to selecting, producing, and utilizing various instructional technologies will be covered with an emphasis on the instructional uses of the computer. The course will correlate with the pre-service experience for students enrolled in one of the P-12 teaching fields.

ITEC 4134 E-Learning Project Management and Evaluation

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

This course is designed to provide the learner with an introduction to the management of e-learning development projects and the evaluation of e-learning experiences.

Prerequisite(s): A minimum grade of "C" in ITEC 2130, ITEC 3131, and ITEC 3132.

ITEC 4740 Database Administration

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

Practical aspects of database systems. Fundamental concepts of database systems: database architecture, data independence, relational data model, SQL, database security, and database recovery. Survey of database systems: relational and object-oriented systems. Database administration and management using popular systems.

ITEC 5233 Foundations of Technology-Enabled Learning

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

This course introduces education majors to the effective uses of instructional technology in supporting student centered technology-enabled learning. A systematic approach to selecting, producing, and utilizing various instructional technologies will be covered with an emphasis on online teaching and learning for P-12 environments.

Cross Listing(s): ITEC 5233G.

ITEC 5233G Foundations of Technology-Enabled Learning

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

This course introduces education majors to the effective uses of instructional technology in supporting student centered technology-enabled learning. A systematic approach to selecting, producing, and utilizing various instructional technologies will be covered with an emphasis on online teaching and learning for P-12 environments.

Cross Listing(s): ITEC 5233.

ITEC 7090 Selected Topics in Instructional Technology

1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.

Promotes specialized training in new and/or emerging instructional technologies/methodologies or topics appropriate to the needs of in-service personnel. Attention will be given to a range of specific needs as they reach special significance in local school systems.

ITEC 7330 The Internet in Schools

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

This course provides learners with a focused look at issues surrounding the implementation and use of emerging applications of the internet in schools.

ITEC 7430 Instructional Design

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

An introduction to systems theory as applied to the design of instructor. Examines principles of systems theory in the context of the design, development, selection and utilization of curriculum, instruction and instructional materials.

ITEC 7530 Instructional Technology Foundations

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

Instructional technology for Educators is an introduction to the use of the computer in the instructional process. The course focuses on the uses of the computer as a medium of instruction. Meets the Special Georgia Technology Requirement for Teacher Certification.

ITEC 7538 Instructional Technology for School Leaders

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

The course is designed to enhance the skills of school administrators in the area of technology leadership. Included is an overview of the current and emerging trends of technology in schools, technology planning, technology professional development, and technology standards.

ITEC 7539 Technology for Higher Education Leaders

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

This course is designed to develop the necessary knowledge, skills, and dispositions of higher education leaders for the appropriate selection and application of technology tools and resources.

ITEC 8130 Advanced Media Management and Supervision

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

This course examines the management of school library programs with an emphasis on the collaborative role of the school librarian as an educational leader and school library center administrator.

ITEC 8133 Current Trends and Issues in Instructional Technology

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

An overview of the history and types of research presently conducted in the field of Instructional Technology. Emphasis is placed on current trends and issues, as well as evaluating research in the field of instructional technology as it relates to the student's field of initial certification.

ITEC 8134 Theories and Models of Instructional Design**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

Students will examine how systematic instructional design processes are applied to develop instruction congruent with specific learning theories, instructional theories, and philosophical orientations in the context of their field of initial certification. The primary focus of the course is technology-based learning materials.

Prerequisite(s): A minimum grade of "C" in ITEC 7430.

ITEC 8135 Pedagogy of Online Learning**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

This course will provide advanced candidates in Instructional Technology the opportunity to develop an online-learning course. Candidates will research current best practices of online learning pedagogy and explore emerging technologies to integrate into the development of the online-learning course. The course is offered in a 100% online format.

ITEC 8136 Field Experience in Online Teaching and Learning**3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.**

Students will explore existing literature on best practices in online teaching and learning based on their specific contexts, whether K-12, higher education, business, etc. This course incorporates instructional design theory and online pedagogical knowledge putting students' learning into action and practice in an authentic online environment. The primary focus of the course is the students' application of best practices in (an) authentic field-based experience(s).

Prerequisite(s): A minimum grade of "C" in ITEC 8135.

ITEC 8231 Transforming Learning with Technology**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

Critical examination of the role of technology and instructional design in the teaching/learning process. Review of quantitative and qualitative research relevant to student's area of interest and the impact of technology on student learning. Examination of the use of electronic portfolios to demonstrate student learning.

ITEC 8435 Program Evaluation**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

Program Evaluation covers the theory and practice of systematic investigation of instructional programs, projects products, and processes. The course is designed to teach practitioners how to assess the effectiveness of endeavors such as quality improvement, enhancing organizational performance, or improving school curricula.

Cross Listing(s): FRIT 8435.

ITEC 8532 Multimedia Tools and Applications**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

Covers issues in the design and development of interactive multimedia instructional lessons. Covers the tools required for the creation of interactive multimedia and is organized around individual student projects.

ITEC 8630 Advanced Seminar in Instructional Technology**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

Advanced study of theory and research related to technology mediated instruction, including technology integration for meaningful learning, systemic change with technology, legal and ethical issues, and online pedagogy. **Prerequisite(s):** Admission to EDD program.

ITEC 8636 Technology, Leadership, and Change**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

Provides advanced students in Instructional Technology with opportunities to review research and current trends related to the integration of technology into teaching and learning. Application of concepts and ideas is achieved through design, development and delivery of a project to close a technology gap in an educational setting.

ITEC 8838 Field-Based Research in School Library Media**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

Students will initiate, complete and present an acceptable field-based research study in school library media, using a design developed and approved in EDUR 8434. This course will focus on collecting, organizing and analyzing data, as well as composing a formal research paper based on the research study. The course culminates with an oral presentation of the study completed using appropriate technologies. Students are limited to register for this course twice during the program of study.

Prerequisite(s): A minimum grade of "C" in EDUR 8131, EDUR 8434, ITEC 8133, ITEC 8134, ITEC 8135, and ITEC 8636.

ITEC 8839 Field-Based Research in Instructional Technology**3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.**

Students will initiate, complete and present an acceptable field-based research study in instructional technology, using a design developed and approved in EDUR 8434. This study must be related to the student's field of initial certification. This course will focus on collecting, organizing and analyzing data, as well as composing a formal research paper based on the research study. The course culminates with an oral presentation of the study completed using appropriate technologies. Students are limited to register for this course twice during the program of study.

Prerequisite(s): A minimum grade of "C" in EDUR 8131, EDUR 8434, ITEC 8133, ITEC 8134, ITEC 8135, and ITEC 8636.

ITEC 8890 Directed Individual Study**1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.**

The student will propose and carry out an applied or theoretical project in instructional technology. **Prerequisite(s):** Permission of advisor.