

Instructional Technology Course Titles and Catalog Descriptions

IT 2010 – Computer Skills for the Information Age (3)

Students learn how to use the computer as a tool for effective organization, analysis, and communication of data. Students develop competence in word processing, spreadsheets, databases, presentations, simple web page design, and the efficient use of internet sources.

IT 2210 – Integrating Technology into the Elementary Classroom (3)

This course focuses on the creation of a learning environment through the use of technology in the elementary classroom. It enables students to anchor the use of technology for the creation of a child-centered, safe and developmentally stimulating learning environment. The course introduces the preservice teacher to resource-based teaching through the use of educational technology and its appropriate uses in the classroom. It focuses on developing research skills by designing, planning, and producing basic educational materials using technological hardware and software. The process of selecting and utilizing technological resources for pre-kindergarten through 5th grade classrooms are emphasized.

IT 3210 – Teaching, Learning, and Technology Integration (3)

This course Introduces students to resource-based teaching through the use of educational technology and its appropriate uses in the classroom. Focuses on developing research skills by designing, planning, and producing basic educational materials using technological hardware and software. The processes of selecting and utilizing technological resources for the P-12 educational environment are emphasized.

IT 3100 – Educational Technology in Africa and the Diaspora (3)

This is a completely online course that explores trends and issues in educational technology in Africa and the Diaspora, and to help students help themselves on the road to becoming more efficient and more confident in educational technology. This course examines cultural, economic, political, and social structures and discourses as they relate to instructional design and technology in Africa and the Diaspora.

IT 7100 – Design of Performance and Instructional Systems (3)

This course provides students with the skills and knowledge needed to apply current principles of learning and instruction to designing learning and performance systems. Students create an instructional or performance system in a "real world" context.

IT 7150 – Analysis of Performance and Instructional Systems (3)

This course provides students with the skills and knowledge needed to conduct all aspects of a well-designed analysis of performance and instructional systems. Student will conduct "real world" analysis of performance problems in school or business settings to determine the most appropriate solution. Prerequisite: IT 8000 or equivalent.

IT 7360 – Integrating Technology into School-based Learning Environments (3) **

This course provides teachers with the skills and knowledge to design and create technology-enhanced classroom environments. Design and creation of products for student-centered learning environments takes place through numerous activities with various technologies Course meets the Georgia House Bill 1187 Special Technology Requirement for all certified educators.

IT 8000 – Foundations of Instructional Technology (3)

This course provides students with an overview of the field of instructional technology. It covers historical foundations, current practice, and future directions. It provides students with the big picture of instructional technology and gives them a context for future courses.

IT 8050 – Evaluation and Assessment of Online Learning (3)

This course focuses on evaluating and assessing learning in online education and training environments. It is designed to provide students with the knowledge, skills, and abilities they need to determine what and how well students are learning in an online setting. This course helps prepare students to teach online and is intended to help prepare them for the *Endorsement in Online Teaching*. This is a 3 credit hour course.

IT 8090 – Internet for Educators (3)

This course introduces students to methods and models for using the Internet effectively in the classroom. Students will experience a variety of Internet technologies and develop strategies for classroom implementation.

IT 8150 – Managing Instructional Technology Projects (3)

This course provides students with the skills and knowledge required to manage complex instructional technology projects in school and business settings. Students learn and apply current theories, principles, and concepts to "real world" projects.

IT 8200 – Diffusion and Adoption of Technological Innovation (3) **

This course provides students with the theoretical foundations of adoption and diffusion of technological innovations in educational contexts, including systems theory/cybernetics and systemic change, the innovation-decision process, the generation and characteristics of innovations, innovativeness and adopter categories, and the role of personality and communication in change agency. Students complete a case study in which they examine and analyze the adoption and diffusion of a "real-world" technological innovation in their choice of educational settings.

IT 8360 – Design and Development of Multimedia for Education and Training (3) **

Students will design and develop multimedia for educational and training purposes while learning to use cutting edge digital tools for instruction.

IT 8390 – Analysis of Education, Training, and Performance Support Centers (3)

This course provides the student with opportunities to explore the success and problems of various types of education, training, and performance support centers which are found in the literature and in the Metro Atlanta area. Students engage in extensive research, reading, reporting, and field experiences to learn the unique attributes that result in successful, world-class service and support.

IT 8400 – Advanced Authoring Technology (3) **

This course provides students with an in-depth knowledge of an authoring system. It takes students "behind the scenes" as program developers, examining languages that drive a given authoring program and manipulating them to create instructional tools.

IT 8420 – Topics in Instructional Technology (3)

This course offers students the opportunity to conduct in-depth study of specialized topics that are not covered in any other course. Emerging trends and issues that are of vital interest to the field of instructional technology are studied. Repeatable.

IT 8430 – Technology-Enabled Education and Training (3) **

The purpose of this course is to provide students with opportunities to study instructional design and learning principles as well as apply learning theories, instructional design theories and educational research that support technology-enabled education.

IT 8440 – eLearning Environments (3) **

This course focuses on working with the Internet as it applies to teaching and learning. Specifically students work in four overlapping areas of the Internet as it applies to teaching and learning. These are: Theoretical Foundations and Issues Affecting eLearning, the Cognitive and Affective Experiences of Students in eLearning Environments, The Design and Development of eLearning and the Current State of Research and Practice regarding eLearning.

IT 8500 – Advanced Instructional Design (3)

This course provides students with the knowledge and skills to design advanced instructional technology strategies based upon the latest human learning theories and research. Opportunities for serious assessment and use of current and emerging based technology tools for performing advanced instructional design activities will be provided.

IT 8550 – Human Performance Technology (3)

This course provides students with methods of identifying and solving human performance problems in organizations. Students conduct performance and cause analyses in preparation for design of instructional and non-instructional interventions and performance solutions. Students prepare performance analysis reports by applying performance technology theory, models, and techniques. *Prerequisites* It 7100, *Design of Performance and Instructional Systems*, and IT 7150, *Analysis of Performance and Instructional Systems*, or consent of instructor.

IT 8660 – Internship in Instructional Technology (3)

This work/study experience provides students with the opportunity to apply theories, concepts, and principles of instructional technology presented in completed course work. Supervised work/study experiences in school or business setting are selected with faculty approval. Prerequisite: Completion of at least 24 semester hours of program course work.

IT 8950 – Evaluation of Instructional Technology (3)

This course focuses on the evaluation of instructional products, both those that are commercially produced and those that a classroom teacher or trainer might develop for his or her own use. It provides students with the skills they need not only to plan and implement a successful evaluation of technology-based learning but also to judge the merits of evaluations conducted by others.

EDCI 9850 – Research Seminar (3)

This Course considers the identification, planning, and implementation of advanced research projects. Seminar may extend beyond one term. A minimum grade of "C" is required for this course.

EDCI 9900 – Critique of Educational Research (3)

In this course students critically examine theoretical and empirical work in their fields and in the area of research focus. A minimum grade of "C" is required for this course.

EDCI – 9990 – Dissertation (3-9)

Involves the research and writing of the doctoral dissertation. Dissertation may extend beyond one term. Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required for completion of the dissertation. (Repeatable).