



**Instructional Technology M.Ed. Program  
Major Courses for Technology Applications and Library Media Options**

**\*CIED 7060 Curriculum, Instruction, and Technology Integration**

An exploration of curriculum issues and trends, curriculum development, integration of technology into the curriculum, implementation of innovative instructional techniques, and legal/ethical issues across content areas and grade levels.

**\*ITED 7000 Technologies for Teaching and Learning**

Exploration and application of tools and techniques to support education, academic productivity, and professional development. Includes legal and ethical issues related to technology.

**\*ITED 7040 Thinking and Learning with Computers**

Exploration of computer applications as cognitive tools for engaging and enhancing thinking in learners. Examines the theoretical, pedagogical and practical reasons for using computers as thinking tools.

**\*ITED 7050 Distance Education**

Introduction to distance education technologies and their utilization as instructional delivery systems.

**\*ITED 7070 Decision-Oriented Research & Evaluation**

Introduction to field-based research and evaluation issues and methodologies. Covers problem identification, sources of data, research and evaluation techniques including action research, communicating with clients, legal/ethical considerations, and using data for decision making.

**\*ITED 7080 Technology and Learning Standards**

Integration of technology into learning environments with an emphasis on matching technology with instructional approaches, content, student needs, and assessment to meet Georgia QCC standards.

**ITED 7100 Foundational Theories in Instructional Technology**

Introduction to theories of learning, instruction, communication, information, and systems as applied to research and practice in the field of instructional technology. Includes presentation skills and instructional techniques.

**\*ITED 7200 Information Sources and Uses**

Introduction to information sources including Internet and databases, search strategies, information retrieval, access issues, legal and ethical issues, and evaluation of information.

**ITED 7201 Information Resources and Services**

Development and application of knowledge and skills necessary to provide information resources and services in P-12 media centers. The course includes strategies for integrating information access skills into the curriculum, selecting and evaluating resources in various formats, building media center collections, delivering traditional and electronic services.

**ITED 7202 Bibliographic Organization**

Introduction to basic cataloging and classification tools and processes as applied to integrated electronic systems. This course includes bibliographic networks, resources sharing, database maintenance and evaluation.

**ITED 7203 Administering School Media Centers**

Prerequisite: ITED 7200, 7201, 7202. Study of school library media professionalism and the organization, functions, facilities, and management of P-12 school media centers. This course includes planning, coordinating, supervising, budgeting, and evaluating media center personnel, services and programs.

**ITED 7299 Internship in School Media Centers**

Prerequisite: Approval of advisor. Supervised field experiences in administering P-12 school media centers.

**ITED 7300 Instructional Design**

Introduction to the systematic design of instruction and applied research, including front-end analysis, use of instructional learning theories to select learning strategies, assessment, formative and summative evaluation.

**ITED 7301 Systematic Design of Instruction**

Application of systematic design principles to instructional and non-instructional projects. Includes project management, team building, and development issues for different delivery systems.

**ITED 7302 Needs Assessment**

Application of research and evaluation skills to a field-based needs assessment; investigation of non-instructional solutions with attention to performance improvement. Includes the use of job task analysis, consideration of organizational cultures, and application of team building skills.

**ITED 7303 Advanced Instructional Design**

Prerequisite: Approval of advisor. Development of a professional project in which students design, implement, and evaluate an instructional product or learning environment.

**ITED 7399 Internship in Technology Applications**

Prerequisite: Approval of advisor. A faculty-supervised field experience in an instructional technology setting.

**ITED 7400 Computer and Network Technology**

Introduction to computer system components, connections, network equipment and delivery system management. Emphasis is given to concepts and hands-on activities related to configurations, specifications, standards, and installations.

**ITED 7401 Using Networked Systems for Teaching and Learning**

Practical experiences in setting up, managing and using network applications to support instruction, collaboration and computer mediated communication.

**ITED 7403 Instructional Technology Seminar**

In-depth investigations of specific contemporary topics and technologies using computer-mediated communications (CMC). Electronic media are the primary vehicles for course content and contact.

**ITED 7500 Management and Production of Multimedia Projects**

Design, production, and management of multimedia projects for instruction. Emphasis is on design, development, utilization, management, and evaluation of team-based projects.

**ITED 7900 Special Topics in Instructional Technology 1 to 3**

In depth study of specific issues in instructional technology. Course may be repeated under different topics.

\*Appropriate for other majors