

## **Ed.S. In Instructional Technology – P-12 Technology Applications with an add-on Library Media certification**

*Course Descriptions for Ed.S. P-12 Technology Applications with the Library Media level 5 add-on certification (the recommended course sequence for 2 courses per semester, which is what is required for most financial aid is indicated in parenthesis after the course description)*

### **ITED 8100 Theories, Models, and Perspectives of Instructional Technology.**

Model and facilitate the use of theoretical perspectives concerning digital citizenship, change, communication, diversity, learning, and instruction for the legal and ethical integration of instructional technology in learning environments.

### **ITED 8200 Instructional Design for Training and Education.**

Applications of systematic design principles to address an identified need in a training or learning context. Addresses learner characteristics, assessment (diagnostic, formative, summative), message design, and instructional strategies to support and enhance higher order thinking skills.

### **ITED 8300 Technology Tools for Training and Education.**

Application of various technologies and products for instructional development. Includes in-depth use of computer-related technology tools to design and create effective instructional materials and assist other educators in similar tasks that use technology to improve teaching, learning, and assessment. (Semester 2, Fall and Spring only)

### **ITED 8400 Technology for Learning Environments: Evaluation, Selection, Management, and Collaboration.**

Practical experiences as evaluators and consumers of educational technology based on research and review of commercial, educational, and other authoritative sources. Includes facilitation of assistive/adaptive technology, troubleshooting of software and hardware, resource accuracy, and suitability of technology tools for learning environments.

### **ITED 8500 Leadership in Instructional Technology.**

The study and implementation of theories and techniques for working with individuals and groups to develop a shared vision for the use of technology in learning environments, to design and communicate a strategic plan, and to demonstrate leadership toward securing resources needed to implement the plan.

### **ITED 8600 Professional Development and Program Evaluation.**

The study and implementation of needs assessment and program evaluation to inform the content and delivery of technology-based professional learning programs. (Semester 2, Fall and Spring only)

### **ITED 7201 Information Resources and Services**

Development and application of knowledge and skills necessary to provide information resources and services in P-12 school 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, and 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, resource sharing, and database maintenance and evaluation.

**ITED 7203 Administering School Media Centers**

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 7204 Literature for the P-12 Librarian**

The study of children's and young adult literature in the context of the school library. This course includes promotion and encouragement of reading literature for pleasure, information, and lifelong learning; the integration with curriculum needs through collaboration; diversity through collection development; support for classroom reading instruction; and develops awareness of current trends in literature for children and youth.

**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 8960 Discipline-based Best Practices Literature.**

Analysis of discipline-specific literature and synthesis of research through application of the conventions of academic writing using the Publication Manual of the American Psychological Association.

**ITED 8299 Internship School Media Center**

Field experience in administering P-12 school media centers, supervised through distance technology.

**Total Number of Program Hours = 39**

## Sequence of courses for Fall starts

Semester 1 (F1)  
EDUC 5999  
ITED 8100  
ITED 7202

Semester 2 (Spr1)  
ITED 7203  
ITED 8200

Semester 3 (Smr1)  
ITED 7201  
ITED 8400

Semester 4 (F2)  
ITED 7202  
ITED 8600

Semester 5 (Spr2) – GACE LM,  
Complete Media Spec. Cert.  
ITED 7900/7204  
ITED 8299

Semester 6 (Smr2)  
ITED 8500  
ITED 8960

Semester 7 (Fa3) – GACE IT  
ITED 8300

## Sequence of courses for Spring starts

Semester 1 (Spr1)  
EDUC 5999  
ITED 8100  
ITED 7203

Semester 2 (Smr1)  
ITED 7201  
ITED 8400

Semester 3 (Fa1)  
ITED 7202  
ITED 8200

Semester 4 (Spr1)  
ITED 7900/7204  
ITED 8600

Semester 5 (Smr2)  
ITED 8500  
CIED 7060

Semester 6 (Fa2) – GACE LM, Complete  
Media Spec. Cert.  
ITED 8299  
ITED 8960

Semester 7 (Spr3) – GACE IT  
ITED 8300