# Instructional Technology (FRIT)

**FRIT 7090. Special Topics. 1-3 Hours.**
Prerequisite: Permission of instructor. 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.

**FRIT 7132. Admin of the Sch Library Media. 3 Hours.**
An introduction to the functions of the school library media center and the roles of the school library media specialist. Candidates will develop skills that will enable them to direct a school library media center, design a school library media center facility, manage personnel and budgets, develop policies and procedures, and evaluate the school library media program.

**FRIT 7134. Collection Development and Organization. 3 Hours.**
An overview of the processes and procedures associated with developing, organizing, maintaining and evaluating the school library media collection. Emphasis is placed on intellectual freedom, evaluating existing collections, principles of selecting materials in all formats, applying standard methods of cataloging to organize the collection, and utilization of technology to access physical and virtual collections.

**FRIT 7136. Reference & Information Source. 3 Hours.**
Provides competence in the selection, production, utilization and evaluation of various formats of instructional technologies. Basic techniques are provided through direct laboratory experiences in the design and production of instructional technologies.

**FRIT 7230. Selection and Development of Instructional Technologies. 3 Hours.**
Provides competence in the selection, production, utilization and evaluation of various formats of instructional technologies. Basic techniques are provided through direct laboratory experiences in the design and production of instructional technologies.

**FRIT 7231. Instructional Design. 3 Hours.**
This course is designed to develop the knowledge, skills, and dispositions of instructional technology leaders necessary for them to understand and apply a systematic process of instructional design to create effective technology-based instruction for learners with diverse needs.

**FRIT 7232. Visionary Leadership in Instructional Technology. 3 Hours.**
This course is designed to develop the knowledge, skills, and dispositions of instructional technology leaders to inspire and lead the development and implementation of a shared vision for the effective use of technology to promote excellence and support transformational change throughout educational organizations.

**FRIT 7233. Selection and Development of Digital Tools and Resources. 3 Hours.**
Selection and Development of Digital Tools and Resources provides competence in the selection, production, utilization, and evaluation of various formats of instructional technologies, as well as computer system components, computer networks and issues related to security, privacy, and safety. Basic techniques are provided through direct experiences in the design and production of instructional technologies.

**FRIT 7234. Information Fluency and Inquiry Learning. 3 Hours.**
This course provides an in-depth exploration of digital learning models and relevant standards that focus on information fluency and inquiry learning, as well as computational thinking and its integration into K-12 teaching. Emphasis is placed on the reflective use of technology to facilitate student learning through inquiry learning and the mastery of information fluency skills. Course assignments and activities focus on application of these concepts to the candidate's field of initial certification through collaboration with other teachers, media specialists, and technology specialists.

**FRIT 7238. Computer Science Education Methods for Teachers. 3 Hours.**
FRIT 7238 is designed to develop knowledge and skills of learners to both become familiarized with computer programming basics as they relate to K-12 teaching, and engage in a systematic process of instructional design to create effective CS-focused instruction for learners with diverse needs.

**FRIT 7330. The Internet in Schools. 3 Hours.**
This course provides learners with a focused look at issues surrounding the implementation and use of emerging applications of the internet in schools.

**FRIT 7335. Web Design and Development. 3 Hours.**
Focuses on the front-end aspects of web design: HTML authoring, graphics production, and media development.

**FRIT 7430. Instructional Design. 3 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.

**FRIT 7739. Practicum in Instructional Technology. 3 Hours.**
This course is designed as a capstone experience where students demonstrate the skills, knowledge, and dispositions necessary to serve in instructional technology roles in various educational settings including P-12 settings. An extensive field experience is required.

**FRIT 8530. Applications in Instructional Technology. 3 Hours.**
This course focuses in the effective utilization of technology in the instructional process and on systematic processes for using new technology to enhance learning. Meets the Special Georgia technology Requirements for Teacher Certification.

**FRIT 8532. Multimedia Tools and Applications. 3 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. Prerequisite: ITEC 7530 or permission of instructor.