Certificate for Special Endorsement in Computer Education
East Carolina University
Department of Mathematics, Science, and Instructional Technology Education

The certificate for the special endorsement in computer education provides interested licensed teachers the opportunity to fulfill requirements to apply for the endorsement for the position of Technology Facilitator. Applicants to the certificate program must currently have a NC teaching license and meet graduate school standards for admission. Students with an advanced **teaching license or MLS may add-on 077 licensure** by completing the EDTC 6992 internship seminar (Technology Specialists as Teacher Leaders in K-12 School Systems) in addition to requirements for the 18079 Special Endorsement. The certificate program requires **18 s.h.** of graduate-level course work in educational technology. Required courses include EDTC 6010, 6020, 6035 or 6037, 6070, 6139, and 6149.

Course Number	Course Description	Semester Offered
6010	**Introduction to Instructional Technology (3)** Historical background, theories, instructional design and development, deliverers of instruction, current issues, and trends.	Fall Spring Summer
6020	**Principles of Instructional Design (3)** Systematic process for design of instruction. Task analysis and task analysis diagrams, learner and context analysis, and development of instructional strategies.	Fall Spring Summer
6035 or 6037	**Integrating Technology into the English/Language Arts, Social Studies, and Information Skills Curriculum (3)** In-depth study of NC K-12 computer skills curriculum. Emphasis on development of strategies, materials, and staff development to integrate technology into English/language arts, social studies, and information skills curricula. **Integrating Technology into the Math, Science, and Healthful Living Curriculum (3)** In-depth study of NC K-12 computer skills curriculum. Emphasis on developing strategies, materials, and staff development to integrate technology into math, science, and health curricula.	Summer (6035) Fall Spring (6037)
6070	**Digital Literacy for 21st Century Classrooms (3)** Prepare educators in the use of information communication and technology (ICT) literacy skills.	Fall Summer
6139	**Selection and Integration of Multimedia for PreK-12 Schools (3)** Methods and materials for selecting and using a variety of multimedia formats in PreK-12 classrooms.	Spring Summer
6149	**Planning and Administration of School Technology Programs (3)** Theory and principles of planning and administering school technology programs.	Fall Summer