NCTA is proud to offer a new AMAZING, APPLICABLE and AFFORDABLE opportunity for ALL educators:

Graduate Certificate in Instructional Technology Proficiency

- ✓ Four ONLINE courses!
- ✓ Begin September 2017 and finish in May 2018!
- ✓ Work in a cohort with your NCTA colleagues!
- ✓ Application Fee and Personal Statement waived!
- ✓ 10% Discount off of FSU Program Price!

Program Description

The Graduate Certificate in Instructional Technology Proficiency is a part of the Curriculum and Instructional Technology Program under the Massachusetts Department of Elementary and Secondary Education. The focus of the certificate is on the integration of current and emerging technology tools into classroom instruction. It is designed for school personnel who want to further their knowledge and skills in the use of technology in teaching elementary, middle, and high school students. The certificate is also appropriate for classroom supervisors who are responsible for evaluating technology integration but who have not had the benefit of formal technology courses. This program does not lead to any type of educator licensure in Massachusetts.

Admission Requirements

Individuals holding a teacher licensure or who work in an educational setting are eligible to apply for admission. The applicant must have earned a baccalaureate degree from a regionally accredited college or university.

Four Online Courses: September 2017 to May 2018

- Internet for 21st Century Teaching and Learning
- Impact of Technology on Education
- Technology Infrastructure Management
- Introduction to Assistive Technology

Don't wait to apply for this EXCITING and NEW offering! Space is limited!

NCTA Cost

$1050 per course (Each course is 4 graduate credits)
Cost includes a 10% discount off of FSU charge!

Application Deadline is Friday, June 16, 2017.

Application form and undergraduate transcripts must be received by NCTA by June 16, 2017.

For application form and more information, please visit:
http://www.myncta.org/pages/graduate-certificate-in-instructional-technology-proficiency
or email Debra Barrett, Director of Graduate Programs: dbarrett@myncta.org

COURSE DESCRIPTIONS

Session I: September 2017 – October 2017 (8 weeks)

INST 941 Internet for 21st Century Teaching and Learning (4 graduate credits)
Designed for educators to accomplish the following: conduct effective searches by employing defined strategies using search directories, search engines, virtual libraries, specialized and proprietary databases and library catalogs; evaluate educational websites detailing its veracity, appropriateness, and educational value; examine important issues related to the classroom including academic integrity, Internet safety, and related student behavior to provide a safe, secure and excellent learning environment; conduct research related to the use of the Internet by educators; explore online tools to support a web-enhanced and/or online classroom; and create and publish a web-based inquiry-oriented classroom project. Participants develop and execute lesson plans that merge current curriculum standards and technology. Students begin development of an electronic portfolio to document their field-based experiences.

Session II: October 2017 – December 2018 (8 weeks)

INST 943 - Impact of Technology on Education (4 graduate credits)
A critical examination of the impact of using technology resources in the classroom including adaptive and assistive technologies and online tools. Students study critical thinking within a technological environment and incorporate them into curriculum. Students create model lessons that are technology-rich and project-based and include outstanding web resources. These lessons integrate graphic organizers, newsletters, and presentations. Students examine the direction of federal, state and district technology plans, learning styles and research proven instructional strategies that use technology and integrate into lessons. Students continue the development of an electronic portfolio to document their field-based experiences.

Session III: January 2018 – March 2018 (6 weeks)

INST 954 - Technology Infrastructure Management (4 graduate credits)
Designed to provide teachers with the strategies for maintaining and troubleshooting their computers by using a series of hands-on activities. Topics include computer hardware and peripherals, operating systems, system administration tools, networking, network management, and troubleshooting. A series of discussions are held about the issues facing technology leaders including computer donations, Internet safety, spyware, asset management, virus protection, and total cost of ownership. Through extensive discussion and project-based assignments, differentiated experiences are provided to meet the diverse needs of the students in this class. Students continue the development of an electronic portfolio to document their field-based experiences.

Session IV: March 2018 - May 2018 (6 weeks)

INST 968 - Introduction to Assistive Technology (4 graduate credits)
An exploration of the definitions of assistive technology, and investigates the scope of assistive technology services and devices and their applications for use in the home, school, workplace and community activities. Students examine current research and development in the field. Students study federal and state laws and regulations regarding assistive technology, and identify local funding sources and funding issues. Students develop knowledge of occupational therapy and physical therapy and the role of the therapists in the assistive technology service planning process. Students practice effective communication and collaboration skills; develop skills in working with individuals and families using a client-centered process that fosters self-determination; develops cross-cultural competence to work with clients from diverse cultural backgrounds; and examines ethical and related professional issues.