



Instructional Technology

SCHOOL OF EDUCATION

The master's program in Instructional Technology develops expertise in the use of leading edge media and technology for teaching and learning. Graduates of the program work as master teachers in P-12 classrooms, and as school or district instructional technology leaders, staff developers, and curriculum designers. Initial courses enhance teachers' expertise with a wide range of media and applications and set the stage for understanding how instructional technology can fulfill its potential to **Entice, Encourage, Enable and Empower** learners. Building on theories of learning, motivation, and curriculum design, teachers next learn to apply newly developed technology skills to Language Arts, Social Studies, Math, Science, and Technology curricular content. An innovative action research project caps the experience as participants join the small number of certified educational technology specialists in the state.

The Instructional Technology program offers you:

- ✓ A 36-credit Master of Science degree in Instructional Technology
- ✓ Eligibility for New York State certification as an Educational Technology Specialist
- ✓ Eligibility for permanent or professional certification in your first certificate area
- ✓ Opportunity to become proficient in the use of leading edge technology
- ✓ Professional development for leadership in applying educational technology
- ✓ Experience with tools for problem solving and communication in the P-12 setting
- ✓ Expertise in integrating technology and standards in the P-12 curriculum
- ✓ Exciting learning environments with practitioner instructional technology faculty
- ✓ An option for non-certified educators/others interested in technology in teaching and learning

Program of Study (36 credits)

Foundations/ Professional Core

- ☞ Foundations I: Philosophy of Education and Technology
- ☞ Foundations II: Diversity, Learning, and Technology
- ☞ Curriculum Design & Development
- ☞ Instructional Applications of Internet
- ☞ Multimedia Authoring
- ☞ Role of the Computer Coordinator

Pedagogical Applications

- ☞ Social Studies and Technology
- ☞ Language Arts and Technology
- ☞ Mathematics, Science & Technology I (Math focus)
- ☞ Mathematics, Science & Technology II (Science focus)

Research & Field Project

- ☞ Research Methods and Assessment
- ☞ Field Project

Program Advisors and Faculty

Contact Information

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Admissions

- ✓ Admission to the option leading to certification as an Educational Technology Specialist is open only to certified teachers.
- ✓ The non-certification option is open to practicing classroom teachers with at least three years' experience or other experienced educators with three years professional experience.
- ✓ Familiarity with basic word-processing, spreadsheet, database, and presentation software required.
- ✓ Applications are reviewed throughout the year.
- ✓ Contact the program director or faculty for further information or for a Bulletin and application package.
- ✓ Visit the New York Institute of Technology website at www.NYIT.edu.
- ✓ Visit the financial aid web page at www.NYIT.edu/finanaid.