



Enhance Your Teaching — in the Classroom and Beyond

EDUCATIONAL TECHNOLOGY PROGRAM

Stony Brook University can help you gain the skills you need to fully integrate emerging technologies into your teaching. In our advanced graduate certificate and non-credit programs, teachers can learn how to effectively use computer applications within their classes, develop technology-based projects, create websites, get started with podcasting, integrate Skype and distance learning platforms, understand video- and photo-editing, and utilize Google tools and multimedia software for project design. Teachers will also gain experience using peripheral devices like interactive white boards, student response systems, digital cameras, video cameras, and tablets (iPads and Android tablets).

Program Features:

- ★ 18-credit advanced graduate certificate program (AGC) that may be incorporated into a master's degree
- ★ 4 digital badges that can be displayed on social media or online portfolios
- ★ Faculty are current or former K-12 teachers who are leaders in the field
- ★ Offered online, on-campus and in off-campus cohorts



Stony Brook
University

This program is offered in collaboration between the School of Professional Development and the Department of Technology and Society.

For details, visit www.stonybrook.edu/spd/edtech

For More Information

Contact us with questions about the curriculum, to find out more about digital badges, or to learn how to start or join an off-campus cohort.

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Advanced Graduate Certificate application questions should be directed to the School of Professional Development:

Records and Admissions Office

631-632-7050
spd@stonybrook.edu



University Badges

Digital badges are online credentials that demonstrate one's achievement of a particular skill or set of skills, and they are available in a variety of areas in education, business, industry, and academics. University badges may be displayed on online platforms, including LinkedIn, Twitter, Facebook and any digital badge backpack, such as Mozilla Open Source. They may also be listed on resumes and CVs.

Educational Technology Curriculum Design (3 graduate courses)

- EST 565 Foundations of Technology in Education
- EST 570 Educational Technology Lesson Development
- EST 573 Interactive Multimedia Curriculum Design and Development

Online & Blended Learning Badge (3 graduate courses)

- EST 567 The Internet, Social Networking and Collaborative Environments
- EST 571 Educational Technology Research Methodologies
- EST 574 Distance Learning and Virtual Environments

Apps Master (3 graduate courses)

- EST 525 Google Apps for Education Certified Trainer: Foundations
- EST 526 Google Apps for Education Certified Trainer: Curriculum Integration
- EST 527 Google Apps for Education Certified Trainer: Delivering Professional Development

Educational Technology Expert Badge (3 graduate courses)

- EST 522 Integrating Educational Technology into Social Studies and Language Arts
- EST 523 Integrating Educational Technology into Mathematics and Science
- EST 524 The Role of Educational Technology Specialist

Stackable Credentials

Students who successfully complete the Ed Technology Curriculum Design and Online & Blended Learning badges will have earned all of the credits needed for the AGC. The courses may also be applied toward a master's degree. Separate applications are required for admission.



Advanced Graduate Certificate Program

The certificate program prepares teachers to use advanced technologies in learning and teaching. It also helps business and industrial trainers to develop and teach computer applications, multimedia technologies, and computer-based documentation.

This program consists of 6 three-credit courses:

- EST 565 Foundations of Technology in Education
- EST 567 The Internet, Social Networking and Collaborative Environments
- EST 571 Educational Technology Research Methodologies
- EST 570 Educational Technology Lesson Development
- EST 574 Distance Learning and Virtual Environments
- EST 573 Design of Multimedia Courseware

View federal gainful employment information for this certificate program at www.stonybrook.edu/finaid/ge/educational_computing_ge.html

Master's Degree

All of the courses from the AGC program can be incorporated into SPD's Master of Arts in Liberal Studies degree and some may be used as part of the Master of Science degree in Technology Systems Management. AGC students must apply for admission into a master's degree program before completing 12 credits. A separate application is required.

Stony Brook University/SUNY is an affirmative action equal-opportunity employer and educator. This publication can be made available in an alternate format.