



# K-12 TECHNOLOGY INTEGRATION SPECIALIZATION

## EDU5000 Master's Program Orientation

This orientation to university resources provides an overview of all the tools available for students enrolled in a Nova Southeastern University advanced degree program. You will receive training on the course management system, the electronic library, and online research tools. There is no additional fee for this course and completion of the course is required for graduation.

## EDUC610 Classroom and Instructional Management (6 credit hours)

**Instructional Strand 1:** Active Learning:  
Theory into Practice

**Instructional Strand 2:** Classroom Management

Energize your teaching and motivate your students. Learn instructional concepts and teaching techniques that will help you manage today's interactive classroom. Develop proactive management strategies such as conflict resolution and peer mediation to increase on-task behavior and promote active learning. Challenge your students by designing engaging lessons to meet their social and academic needs.

## EDUC620 Instruction and Assessment for Diverse Classrooms (6 credit hours)

**Instructional Strand 1:** Integrated Assessment for Standards-Based Curricula

**Instructional Strand 2:** Instructional Strategies for the Inclusive Classroom

Examine the impact of federal, state, and local regulations and policies on inclusive educational programs. Learn how to integrate curriculum, instruction, and assessment to meet the diverse needs of your students. Develop a repertoire of assessment strategies to evaluate your students' learning and growth utilizing standardized tests, teacher-created tests, portfolio assessment, and performance tasks.

## EDUC680 Computer Applications and Technology Across the Curriculum (6 credit hours)

**Instructional Strand 1:** Using Technology to Enhance Student Learning

**Instructional Strand 2:** Using the Internet to Energize Your Teaching

Teaching technology as a separate subject does not prepare students for the reality of the technological world around them. Learn how to integrate technological resources into specific content areas. Explore basic software, media tools, and emerging technology, and learn how to infuse the Internet into your lessons.

## EDUC681 Action Research in Practice—Technology\* (6 credit hours)

**Instructional Strand 1:** Professional Inquiry:  
Teacher as Researcher

**Instructional Strand 2:** Reflective Practice  
through the Portfolio Process

Experience the art and science of action research while you develop the tools of reflective inquiry and collaborative practice. You will engage in analysis of current classroom issues and challenges related to integrating technology to explore and practice action research methods as a logical extension of classroom instruction. Integral to this process will be the development of an Action Research Project focused on a technology integration topic and the creation of a cumulative professional portfolio that demonstrates your professional growth.

*\* Participants initiate an Action Research Project. Conferral of degree is contingent on successful completion of the Action Research Project and the Professional Portfolio in the fifth block.*

## EDUC682 Orchestrating Your Classroom with Technology (6 credit hours)

**Instructional Strand 1:** Exploring Multimedia Tools for the Classroom

**Instructional Strand 2:** Technology for the Management and Assessment Process

Develop skills in using hypermedia and multimedia in your classroom, and learn how they can be used to motivate and support the learning of your students. Plan, design, and develop multimedia projects and integrate them into your everyday teaching.