

Technology for Special Populations

Engaging Students with Learning Disabilities

1 credit graduate course

This class meets the Florida State, "Special Populations" requirement for recertification

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Course Description

This course is designed to assist educators in the K-12 setting and beyond to utilize technologies, present and emerging, as a tool for engaging students with learning disabilities. The application of appropriate technologies in the classroom setting will level the playing field for students with learning disabilities. Participants will learn ways in which to apply technology to positively impact engagement of diverse learners. Students will become familiar with established and emerging technologies and their practical application in the educational setting.

Objectives:

The learner will:

- **Discover established and emerging technologies to use with special populations of learners**
- **Create plans for implementing technology in the SpEd and mainstream classroom**
- **Evaluate and compare programs and applications specific to the ELA environment**
- **Evaluate and compare programs and applications specific to the mathematics classroom**
- **Construct assessments which utilize technologies in order to level the playing field for learners with special needs**

Time Requirements

Technology for Special Populations is a one credit graduate level course that includes face to face instruction and an independent study project which participants will have 2 weeks to complete.

Course Materials

Students will be given a copy of the instructor's power point for note taking purposes.

Course Outline

Session 1: Connections for the ELA classroom

Objectives:

1. **Discover established and emerging technologies to use with special populations of learners**

2. Create plans for implementing technology in the SpEd and mainstream classroom
3. Evaluate and compare programs and applications specific to the mathematics classroom

Contents:

Learning disabilities and technology
 Current ELA resources
 Student handheld devices

Session 2: Technology tools to enhance mathematics

Objectives:

1. Discover established and emerging technologies to use with special populations of learners
2. Create plans for implementing technology in the SpEd and mainstream classroom
3. Evaluate and compare programs and applications specific to the ELA environment

Contents:

Technology applications for the mathematics classroom
 Enhancing study skills

Session 3: Technology as a tool for assessing special populations

Objectives:

1. Discover established and emerging technologies to use with special populations of learners
2. Construct assessments which utilize technologies in order to level the playing field for learners with special needs

Contents:

Assistive technology
 Balancing student strengths and weaknesses

Grading

Assignment	Points	Grading Scale
Class discussions and activities	15	25-23 A
Implementation plan	10	22-21 B
Total Points	25	20-18 C

Students Requirements

1. Participate in all class discussions and activities. Complete the independent home study project, creating an implementation plan.

Student Academic Integrity

Participants guarantee that all academic class work is original. Any academic dishonesty or plagiarism (to take ideas, writings, etc. from another and offer them as one's own), is a violation of student academic behavior standards as outlined by our partnering colleges and universities and is subject to academic disciplinary action.