Technology for Special Populations
Engaging Students with Learning Disabilities
1 credit online graduate course
This class meets the Florida State, "Special Populations" requirement for recertification

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 taught over 4 weeks online.

Technology Requirements
Computer and Internet access required. Students must have regular access to a computer and be able to use computer skills to successfully complete this course. Many problems instructors and students run into stem from mis-configured browsers, incorrect software versions, pop-up blockers, and other issues. Most of these issues can be prevented by performing the browser tune up before the course or once a problem arises. Often students find it easier to use *Mozilla Firefox*, *Google Chrome*, or *Safari* rather than Internet Explorer; for some applications Internet *Explorer* may work well.

Course Materials
Students will have access to online modules and web based resources. There is no required textbook for this course.

Course Outline

Module 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

Module 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

Module 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 modules and activities	15	25-23 **A**
Implementation plan	10	22-21 **B**
Total Points	**25**	20-18 **C**

Students Requirements
1. Complete all course modules and activities. Complete the culminating 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.