

Montgomery County Community College  
 CIS/EDU 120  
 Teaching with Technology- for EMY/ESY Majors  
 3-3-0

**COURSE DESCRIPTION:**

*Teaching with Technology- for EMY/ESY Majors (EDU 120)* gives students the opportunities to explore, utilize, evaluate, and integrate technology into their classrooms and curriculum. Students will be involved in many aspects of this integration, including lesson plan writing and unit designing. Students will develop the skills for enriching their classrooms with various types of technology. This course focuses on technology integration for grades 5-12 classrooms.

**PREREQUISITE(S):**

None

**CO-REQUISITE(S):**

None

Upon successful completion of this course, the student will:

LEARNING OUTCOMES	LEARNING ACTIVITIES	EVALUATION METHODS
1. Develop methods of assessing quality and appropriateness of various software pieces appropriate for classroom integration in Middle and High School classrooms.	Assigned Readings  Student Presentations  Software/Web/Technology Evaluations  Online Discussions and Participation	Rubrics  Evaluation Technique Sheets  Frequency and Quality of Participation
2. Apply instructional strategies that effectively integrate technology use in Middle and High School classrooms.	Multimedia Materials Demonstration and Practice  Lecture/Discussion  Performance Competencies	Rubrics  Lesson Plan Writing
3. Demonstrate appropriate classroom integration of technology.	Multimedia Materials Demonstration and Practice  Lecture/Discussion  Performance	Rubrics  Lesson Plan Writing  Evaluation Technique Sheets  Frequency and Quality of

	Competencies Research Resources Student Presentations Software/Web/Technology Evaluations Online Discussions and Participation	Participation
4. Research and Identify appropriate pieces of technology resources appropriate for Middle and High School classroom use.	Assigned Readings Lecture/Discussion Research Resources Student Presentations	Rubric Assistive Technology Proposal

At the conclusion of each semester/session, assessment of the learning outcomes will be completed by course faculty using the listed evaluation method(s). Aggregated

15. Technology, Digital Media, and Curriculum Integration
16. Technology Integration Best Practices/Viewing Classroom Techniques on Video
17. Software Evaluation Student Presentations (for grades 5-12 software focus)
18. Internet- Based Software: *Brain Pop, Study Island, Google Earth, Newsela, Schoology, Quizlet, Global School*
19. Assistive Technology/Internet Research on AT and class presentations
20. The Changing Face of Education- Teaching Online
21. *WebQuests*: Investigation and Creation for Grades 5-12 Classrooms
22. Web Searches Finding Lesson Plans and Resources for Teachers
23. OER Resources: *Amazon Inspire*
24. Security Issues, Ethics, and Emerging Technologies in Education
25. Thematic Unit: Culminating Student Final Presentations

LEARNING MATERIALS:

Textbook: Gunter, Shelly Cashman. *Teachers Discovering Computers: Integrating Technology in a Changing World* (8<sup>th</sup> ed.).

Technology Needed:

Internet access, *Microsoft Office Suite*, MC

*. It was developed, approved and will be delivered in full compliance with the policies and procedures established by the College.*