

Montgomery County Community College
CIS/EDU 120
Teaching with Technology
3-3-0

COURSE DESCRIPTION:

This course will give 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.

REQUISITES:

Previous Course Requirements
None

Concurrent Course Requirements
None

COURSE COMMENT

- Face to Face sections will focus on either Pre-K through 4th grade or 5th through 12th grade. Check with the program coordinator or section information when registering.

LEARNING OUTCOMES Upon successful completion of this course, the student will be able to:	LEARNING ACTIVITIES	EVALUATION METHODS
1. Develop methods of assessing quality and appropriateness of various software pieces appropriate for classroom use.	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 the classroom.	AV/Multimedia Materials Demonstration and Practice Lecture/Discussion Performance Competencies	Rubrics Lesson Plan Writing
3. Demonstrate appropriate classroom integration of technology.	AV/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. Based on research, identify appropriate pieces of technology resources appropriate for their 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 results will be submitted to the Associate Vice President of Academic Affairs. The benchmark for each learning outcome is that *70% of students will meet or exceed outcome criteria.*

SEQUENCE OF TOPICS:

1. Course Introduction/ Discussion of Course Requirements and Objectives
2. Overview of Blackboard Class Set-Up
3. Theory: Lesson Plan Writing (Format)
4. Theory: Evaluating Software Properly (Format)
5. Integrating Educational Technology into the Curriculum
6. Evaluating Educational Technology and Integration Strategies
7. Software: *Inspiration & Kidspiration*/Integration of Software Discussion
8. Software: *InspireData & Graph Club*/Integration of Software Discussion
9. Software: *TimeLiner*/Integration of Software Discussion
10. Software: *Kid Pix*/Integration of Software Discussion
11. Application of Software Productivity Tools for Educators
12. Software: Microsoft *Word*/Integration of Software Discussion/Writing Process
13. Software: Microsoft *PowerPoint*/Integration of Software Discussion
14. Software: Microsoft *Excel*/Integration of Software Discussion
15. Software: *SMART Notebook*/Integration of Software Discussion
16. Evaluating Educational Technology and Integration Strategies
17. Technology Integration Best Practices/Viewing Classroom Techniques on Video
18. Software Evaluation Student Presentations
19. Internet- Based Software: *Reading A-Z, Study Island, Brain Pop, Dreambox*
20. Assistive Technology/Internet Research on AT and class presentations
21. *WebQuests* Exploration
22. Web Searches – Finding Lesson Plans and Resources for Teachers
23. Security Issues, Ethics, and Emerging Technologies in Education
24. Technology, Digital Media, and Curriculum Integration
25. Thematic Unit: Culminating Student Final Presentations

LEARNING MATERIALS:

Textbook:

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

Technology Needed:

Internet access, Microsoft Office Suite, MC3 Email account, one additional educational software package of choice.

Other learning materials may be required and made available directly to the student and/or via the College's Libraries and/or course management system.

COURSE APPROVAL:

Prepared by:	Date: 1996
Revised by:	Date: 2002
Revised by: Meryl Sultanik	Date: 2/21/2013
VPAA/Provost or designee Compliance Verification: Victoria L. Bastecki-Perez, Ed.D.	Date: 3/14/2013
Revised by: Meryl Sultanik	Date: 8/1/2017
VPAA/Provost or designee Compliance Verification: Victoria L. Bastecki-Perez, Ed.D.	Date: 8/7/2017
Revised by: Meryl Sultanik	Date: 2/2018
VPAA/Provost or designee Compliance Verification:	Date: 2/13/2018



This course is consistent with Montgomery County Community College's mission. It was developed, approved and will be delivered in full compliance with the policies and procedures established by the College.