

MASSASOIT COMMUNITY COLLEGE
Classroom Technology in Education

Course Title: Classroom Technology in Education

Course Number: EDUC104

Professor:

Telephone: (508)588-9100 Ext.

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Office hours:

Course Description: This course will offer students and practicing education professionals an opportunity to develop skills that will enable them to facilitate current federal, state, and local requirements and standards. Topics will include an assessment of traditional and contemporary media, learning technologies, and integration of computers into classrooms and curriculum. Learners will also develop skill in identifying equipment uses, setup, and maintenance.

Prerequisites: Preparing for College Reading II (ENGL092) or waiver by placement testing results or Department Approval.

Required Course materials:

Typical course text:



[Preparing to Use Technology: A Practical Guide to Curriculum Integration, 2/E](#)

O'Bannon & Puckett

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Flash(USB) drive for portable document storage, 512MB minimum size

Course Outcomes: To successfully complete the course, Learners will-

- Develop an understanding of traditional and contemporary media for classroom instruction (R,W,CT,TS,OC)
- Demonstrate basic proficiency in the setup, maintenance, and use of instructional media equipment (R,W,CT,TS)
- Exhibit the ability to use computers to acquire and produce materials to support classroom instruction (R,W,OC,CT,TS)
- Distinguish the differences between instruction and learning (R,W,OC,CT)
- Compare and discuss advantages and limitations of media applications (R,W,OC,CT,TS)
- Compare and discuss benefits and limitations of computer-assisted instruction and computer-assisted learning (R,W,CT,OC)

Course Objectives: Learners will have the opportunity to explore the roles of media and technology in learning and teaching. Identifying and defining learning technologies and creating a classroom plan utilizing media will allow demonstration of an understanding of the resources and their application. Students will also evaluate the application of resources to the selection of technologies for classroom use.

Instructional Methods: Reading assignments, course website links and assignments, discussion, writing and reflection assignments, materials development and production. Hands-on setup and use of resources, basic

troubleshooting and minor repairs.

Methods of Evaluation: Attendance and Participation 15%
Projects , Reflections and written assignments 70%
Quizzes/exams 15%

Grading: Calculation according to College Catalog-
Grades are reported using a 4 point system.
The following are included in the Quality Point Average (QPA):

A	4.0 Excellent	C	2.0 Satisfactory
A-	3.7	C-	1.7
B+	3.3	D+	1.3
B	3.0 Good	D	1.0 Less than Satisfactory
B-	2.7	D-	0.7
C+	2.3	F	0.0 Unsatisfactory

Attendance: “Students are expected to attend all regularly scheduled classes and laboratory sessions on time.”(College Catalog).

Students who are absent for more than 3 class hours and do not report an acceptable reason for absence to the instructor in the *same class week* can expect their final grade to decrease by 2 points for each hour of absence from scheduled class meetings. Tardiness or early departure of more than 10 minutes on 2 occasions will count as one absence.

Electronic devices: Use of electronic devices for non-course related activities will be construed as a class absence. If you have a work or family situation that requires that you be available electronically during class, please discuss with the instructor.

ADA Statement: Students with disabilities who believe that they may need accommodations in the classroom are encouraged to contact a disability counselor as soon as possible. Students at the Brockton Campus with learning disabilities should contact Andrea Henry, at extension 1805. Students with physical disabilities at the Brockton Campus should contact Mary Berg, at extension 1425. All students at the Canton Campus should contact Mary Berg at extension 2132. Once you have met with a counselor, please meet with me as early as possible in the semester to finalize details of the accommodations.

Week	Topic	Projects and Assessments
1/25	Chapter 1: Preparing to Use Technology 1	
2/1	Chapter 2: Hardware 21	In class quiz
2/8	Chapter 3: Software 33	Software eval
2/15	Chapter 4: Portfolios 51	

2/22	Chapter 5: The Internet 63	Webquest for Educators
3/1	Chapter 5 continues	
3/8	Chapter 6: Word Processing 91	UDL
3/15	SPRING BREAK	
3/22	Chapter 7: Digital Images 107	In class quiz
3/29	Chapter 8: Digital Diagrams, Maps and Webs 143	Group Project "Weaving the Web..." due
4/5	Chapter 9: Databases 157	
4/12	Chapter 10: Spreadsheets 169	In class quiz
4/19	Chapter 11: Multimedia 199	
4/26	Chapter 12: Web Authoring	e-Portfolio Google site/Presentation
5/3	Ch 12 continues	e-Portfolio Google site/Presentation
5/10		Last class 5/11 Portfolio presentations

This Syllabus is subject to change at Instructor discretion