



College of Micronesia-FSM
Business Administration Division
National Campus

COURSE SYLLABUS

Course Number: **ED271**

Course Title: **Applications of Technology in Education**

Credits: **3**

Pre-Requisite: **ED300**

Course Description:

This is a laboratory course in which instructional design and the selection, production, and utilization of media resources are studied. A survey of perception, communication and learning theories, as well as selected research studies applicable to the design of instructional systems are included. Rubric for the course will be used for evaluation of students.

PROGRAM LEARNING OUTCOMES (PLOs):

The student will be able to:

1. Demonstrate basic knowledge of the foundations and concepts related to elementary education.
2. Demonstrate familiarity with a variety of instruction strategies for elementary school students.
3. Demonstrate basic knowledge in the following areas: art, communication, humanities, language, literature, science and social sciences.

Course Objectives:

Upon successful completion of this course, students will be able to:

1. Develop a lesson plan incorporating a media format such as a video following an instructional design model provided in class.

2. Design and produce various graphic materials such as posters/charts, study pictures, bulletin boards, overhead transparencies, etc. using appropriate design guidelines.
3. Evaluate and demonstrate to the class a computer-assisted instruction program and/or educational CD-ROM.
4. Visit an Assistive Technology Lab and write an investigative report on one form of assistive technology.
5. Demonstrate their skills in using various educational media materials and related equipment.
6. Design and produce a short educational video.
7. Acquire an e-mail account, take a workshop on using e-mail and the Web, and provide evidence of their use as communicative and information devices.
8. Utilize various computer application programs such as word processing and draw and paint programs to produce student handouts and educational media teaching material.
9. Demonstrate their theoretical and research knowledge related to the use and design of educational media through media production, demonstrations and written examinations.
10. Design and produce graphic educational materials using equipment and raw materials native to the FSM.
11. Successfully complete the check out on the use of a smart board and multimedia projector as a tools for presentation from the Education Media Specialist.

Class Time and Location:

Room: B-204

Time: 5:00-6:25P.M.

Professor Information:

Name: Joseph Felix Jr.

Office Location: F-103

Office Hours: 11:00-12:00P.M. (MWF)
11:00-12:00P.M. (T-TH)

Phone: 3202480 (Ext: 157)

E-Mail: felixjr@comfsm.fm

Textbook:

Book Title: Instructional Technology and Media for Learning

Author: Sharon E. Smaldino, Deborah L. Lowther, and James D. Russel

Publisher: Pearson: Merrill/Prentice Hall
Year: 2008

Methods and Instruction:

1. PowerPoint Presentation
2. Class Discussion
3. Lecture/Hands-on Practice
4. Individual and Group Research/Reporting

Composition of Final Grade

Breakdown	Points
Assignments	10
Presentations	20
Tests	70
Total Points	100

Points	Letter Grade
90-100	A
80-89	B
70-79	C
60-69	D
<60	F

Attendance Policy:

Students who are absent for more than four classes, will automatically be dropped from the course. The total missed classes include unexcused and excused absences, such as sickness, funerals, and other circumstances.

Classroom Policies:

1. No food or water is allowed in the classroom at all times.
2. No Internet usage is permitted during class hours unless instructor allows.
3. Students entering classroom after 5 minutes of class is considered absent.
4. During class hours, students need to ask instructor of going outside of classroom. Instructor will surely let the students go with good reasons. If student does not ask, warning will be given once. After that, it will cause the student another absent.
5. No sharing of textbook. Students who do not bring textbook with them to class everyday will cost them another absent.

Academic Honesty:

To ensure the integrity of the educational process and the institution, the College encourages honesty, and therefore does not condone cheating, plagiarism, or any

related form of academic dishonesty which prevents an instructor from being able to assess accurately the performance of a student in any facet of learning.

COURSE TENTATIVE SCHEDULE

Schedule	Course Learning Objective	Topics	References	Assessments
Week 1	1	Course Orientation	Chapter 1	Assignment 1
Week 2		Technology and Media: Facilitate and Learning		
Week 3	1	Technology and Media: Facilitate and Learning cont.	Chapter 1	Quiz #1 (Chapters 1)
Week 4	2	Instructional Strategies: Integrating Technology and Media	Chapter 2	Assignment 2
Week 5				Quiz #2 (Chapter 2)
Week 6	3	Visual Principles: Designing Effective Materials	Chapter 3	Assignment 3
Week 7				Quiz #3 (Chapter 3)
Week 8	4	The ASSURE model: Creating the Learning Experience	Chapter 4	Assignment 4
Week 9				Quiz #4 (Chapter 4)
Week 10	5	Computers and Multimedia: Accessing Digital Worlds	Chapter 6	Midterm Exam (Chapter 1-6)
Week 11	6	Distance Learning: Connecting Learners Beyond the	Chapter 7	Assignment 5 Quiz #5

		Classroom		
Week 12	7	Online Learning Through the Internet and the Computer Networks	Chapter 8	
Week 13	8	Instructional Materials and Displays: Using Media to Engage Learners	Chapter 9	Assignment 6 Quiz #6
Week 14	9	Visuals: Enhancing Learning with Visuals	Chapter 10	
Week 15	10	Audio: Listening and Learning	Chapter 11	Assignment 7
Week 16	11	Video: Enhancing Learning with Moving images	Chapter 13	Quiz #7
Week 17	12	Trends in Technology and Media: Looking ahead	Chapter 15	Assignment 8 Quiz #8
Week 18		Last Day of Instruction		Review for Final Exam Final Exam (Chapters 7-12)