COURSE OUTLINE

Integrating Digital Technology into Teaching/Learning

ED 200

Course Title

Dept. & Course No.

COURSE DESCRIPTION:

This course provides a clear understanding of how digital technology can enhance the teaching and learning process for both teachers and students. The focus will be on assisting participants to successfully incorporate common application software, Internet services, and the Web into their teaching strategies and methods.

II. **SEMESTER CREDITS:** 3

III. CONTACT HOURS PER WEEK:

Lecture

Lab

Total

IV PREREQUISITE: CS100 and ED110

V. STUDENT LEARNING OUTCOMES:	VI. COURSE CONTENT:		
Upon completion of this course the student will be able with 65% level of accuracy to:			
1. Discuss the advantages and disadvantages of	A. Digital Technology and Teaching		
integrating digital technology into teaching.	1.Cost		
	2. Advantages		
	3. Disadvantages		
	4. Internet resources		
	5. Software resources		
2. Explore strategies to integrate digital technology	B. Special Needs		
for special needs instruction.	1. Software		
	2. Equipment		
	3. Strategies		
3. Search the web for instructional software	C. Web Search		
and resources.	1.Internet sites for educational		
	freeware programs.		
	2. Possible teaching/learning		
	technology aids such as YouTube,		
	Skype, Moodle, FlexBooks, or		
	Khan Academy.		
4. Develop lesson plans using digital technology.	D. Lesson Plans		
i i i i i i i i i i i i i i i i i i i	1. Lesson plans in a word		
	processing program, such as		
	Microsoft Word.		
	2. Teaching/learning material		
	including needed activity sheets		
	3. Assessment tools.		
5. Develop an interactive lesson using a	E. Interactive Lessons		
presentation program.	Lessons using PowerPoint		

VII. Equipment and Materials

- Computers with at least Office 2007
- Printer(s)
- Routine classroom materials
- Internet Access
- USBs (student provided)

VIII. Text(s)

Required text

Roblyer, M.D. and Doering, A.H. *Integrating Educational Technology Into Teaching*, 6th edition. Boston, MA: 2013.

IX. Method of Instruction

- A. Lectures
- B. Demonstrations
- C. Group Discussions
- D. Guest Speakers
- E. Projects

X. Method of Evaluation

A. The student will be evaluated based on the following:

1. Class Participation	-	15%
2. At least 2 summative assessments	-	30%
3. At least 2 formative assessments	-	30%
4. At least 1 authentic assessments	-	25%
		100%

B. Transmutation of percent to letter grade:

90-100	-	A
80-89	-	В
70-79	-	C
65-69	-	D
00-64	-	F

Palau Community College ED200 Integrating Digital Technology into Teaching/Learning COURSE LEARNING OUTCOMES

During the course experience, the *course learning outcomes* (CLO) will be assessed through the use of signature assignments. A rating scale will be used to determine the students' proficiency level of each CLO using specifically aligned assignments. The numerical rating of 4,3,2 and 1 are not intended to represent the traditional school grading system of A, B, C, D and F. The descriptions associated with each of the numbers focus on the level of student performance for each of the course learning outcome listed below.

Rating Scale:

- 4 Outstanding
- 3 Proficient
- 2 Developing
- 1 Emerging

CLO 1: Students will be able to create and produce lesson plans using a word processing program, such as Microsoft Word.

	Create a lesson plan using a word processing program, such as Microsoft Word	
	 Include lesson objectives and teaching materials 	
	Include lesson activities	
	Include assessment tools	
4	Clearly and accurately creates and produces lesson plans using a word processing program.	
3	Creates and produces lesson plans using a word processing program, however minor evidences of unclear and inaccura interpretations is shown.	
2	Creates and produces lesson plans using a word processing program making numerous errors and eliminating most important aspects.	
1	Unable to create or produce lesson plans using a word processing program.	

CLO 2: Students will be able to design lessons and present using a presentation program, such as PowerPoint .

020 2	. Otadente will be able to design ressent and present doing a presentation program, such as I owen onte.	
	Design and present an interactive lesson using a presentation program.	
	Include animation	
	Include sound	
	Include Text	
	Include Graphics	
	Video (optional)	
4	Clearly and accurately designs lessons and presents using a presentation program.	
3	Designs lessons and presents using a presentation program, however minor evidences of unclear and inaccurate interpretations	
	is shown.	
2	Designs lessons and presents using a presentation program, making numerous errors and eliminating most important aspects.	
1	Unable to design lessons or present using a presentation program.	

CLO 3: Students will be able to demonstrate an understanding of how to search for programs and resources relating to teaching and learning.

	Search for programs and resources related to teaching and learning
	Use appropriate key words for search
	Determine sites for credibility
	 Identify site purpose and usefulness for teaching/learning
4	Accurately and correctly searches for programs and resources accurately identifying credible sites and purpose/usefulness for
	teaching/learning
3	Searches for programs and resources identifying credible sites and purpose/usefulness for teaching/learning however minor
	evidences of unclear and inaccurate interpretations is shown.
2	Searches for programs and resources identifying credible sites and purpose/usefulness for teaching/learning, making numerous
	errors and eliminating most important aspects
1	Unable to search for programs and resources, identify credible sites or purpose/usefulness of sites for teaching/learning