



EDU 331 Course Outline (FALL 2022)

Instructor: Dr. Kele Anyanwu

Dates	Module	Description (What will be covered)
MODULE ONE		
Wk 1 09/06	Overview	<ul style="list-style-type: none"> ✓ Course Introduction ✓ Technology assessment Survey (TAS) ✓ What is technology & educational technology?
Wk 2 09/11 -17	Learning theories & Frameworks	<ul style="list-style-type: none"> ✓ Multiple Intelligence theory ✓ Constructivism / Constructionism ✓ Cognitive Theory of Multimedia Learning ✓ ISTE / Wisconsin Standards
MODULE TWO		
Wk 3 09/18 - 24	Cloud Computing (CC) in Education (1)	<ul style="list-style-type: none"> ✓ What is cloud computing? ✓ Web 2.0 Vs, AI Tools ✓ Google & Microsoft Cloud Platforms & Tools
Wk 4 09/25 – 10/01	Cloud Computing (CC) in Education (11)	<ul style="list-style-type: none"> ✓ Assessment with Google & Microsoft Forms ✓ Interactive Mapping ✓ Digital Storytelling
Wk 5 10/02 – 10/08	Cloud Computing (CC) in Education (111)	<ul style="list-style-type: none"> ✓ Google Site ✓ What is an e-portfolio? ✓ Tools for e-portfolio development ✓ Developing your course E-Portfolio layout
Complete layout of Google site Portfolio		

MODULE THREE			
WK 6 10/09 – 10/15		Technology Integration / IWB in Instruction	
			✓ Technology use & integration understanding
			✓ TPACK/ SAMR/ T3 Frameworks
			✓ SAMR Framework
			✓ T3 Framework
WK 7 10/16 – 10/22		Technology Integration /IWB in Instruction	
			✓ Interactive White Boards – Smart notebook App
			✓ Introduction
			✓ Activity Builder
			✓
WK 8 10/23 – 10/29		Technology Integration /IWB in Instruction	
			✓ Smart Lab & Smart Block
			✓ Digital White Boards – Microsoft White board
			✓ Digital White Board – Google Jamboard
MODULE FOUR			
WK 9 10/30 – 11/05		Modern Classroom Knowledge Skills	
			✓ Virtual Instructional Strategies
			✓ Ubiquitous Instruction
			✓ Video Conferencing
WK 10 11/06 – 11/12		Modern Classroom Knowledge Skills	
			✓ Coding & Robotics
			✓ Intro- Instructional Mobile App Development
			✓ Tools for Instructional Mobile App Development
			✓ AppLab & Appsheet plus other tools
WK 11 11/13 – 11/19		Modern Classroom Knowledge Skills	
			✓ Developing instructional mobile app
			✓ Share/deploy/distribute your app
WK 12 - THANKSGIVING BREAK (11/20 – 11.26)			
MODULE FIVE			
WK 13 11/27 – 12/03		Emerging Technologies in Education	
			✓ Augmented Reality (AR)
			✓ Virtual Reality (VR)
			✓ Mixed Reality (MR)
WK 14 12/04 – 12/10		Emerging Technologies in Education	

			✓ Artificial Intelligence (AI)
			✓ Machine Learning (ML)
			✓ Google Teachable Machine
			✓ Microsoft Lobe ✓ AI TOOLS
WK 15 12/11 – 12/17		Professional Portfolio Development	
			✓ Elements of professional e-portfolio
			✓ Tools of development - Google Site ✓ Classroom webpage/website development
WK 16 12/18/ - 12/24		Review & Submit Final Portfolio	✓ Completion of portfolio from weeks 6 - 14

Signature Assignments

#	ASSIGNMENTS	POINTS	DUE DATES
	For assignment due dates, check Canvas module for updates		
	Technology Assessment Survey (TAS)		
	MODULE ONE		
1.	EdTech Learning Theory & Standard (ELTS) <i>(Discussion 1- Disruptive Innovation – Chapter 1)</i>	5	
	MODULE TWO		
2.	Assessment & Visualization with Cloud Tools (AVCT) <i>(Discussion 2-Rethinking Education..-Chapter 1&2)</i>	10	
3.	Interactive Story Mapping (ISM) <i>(Discussion 3-Rethinking Education..-Chapter 3&4)</i>	10	
	MODULE THREE		
4.	Interactive White Board Activities (IWB) <i>(Discussion 4- Disruptive Innovation – Chapter 2-4)</i>	10	
	MODULE FOUR		
5.	Instructional Mobile App Development (IMAD) <i>(Discussion 5-Rethinking Education..-Chapter 5&6)</i>	10	
	MODULE FIVE		
6.	Immersive Technologies Paper (ITP) <i>(Discussion 6-Rethinking Education..-Chapter 7&8)</i>	10	
7.	Artificial Intelligence - Machine Learning in Education (MLE) <i>(Discussion 7-Rethinking Education..-Chapter 9&10)</i>	10	
	E-Portfolio Development		
8.	Professional E-Portfolio Development (PED) <i>(Discussion 8- Disruptive Innovation – Chapter 5-6)</i>	20	
	Book Discussions (See Discussion Pages in Canvas)	15	

	Total	100	
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Note the following:

1. All assignments are due by 11.30 pm on stated due dates.
2. Read the assignment rubrics before working on the assignments
3. Use link to resources for each assignment to facilitate your execution of the assignment.
4. All book discussions are due on the dates stated in the respective due dates in Canvas.
5. Follow the book discussion guidelines when posting your discussions