Course Description Form

1	NI							
1. Cour	se Nam	ie:						
Electronic II								
2. Course Code:								
WBM-22-0		Voor.						
3. Seme	ester /	rear:						
Semester								
		Preparation	Date:					
	2024-03-19							
	5. Available Attendance Forms:							
	presence in the classroom							
		-	(Total) / Number of	Units (Total)				
105 Hours / 7 Units								
7. Course administrator's name (mention all, if more than one name)								
Name: Ali Mohammed								
Email: ali.mohammed@uowa.edu.iq								
8. Course Object			y of electronics aims to					
electronic components by understanding their and the materials from which they are mad students understand how to work with them, the to connect them, and the practical application components can be utilized. Students will alse mathematical equations and relationships electronic component by thoroughly analyzing the providing an appropriate description. Students these components in the laboratory and observe				e. This will help eir functions, how as in which these be understand the specific to each an ecomponent and will also explore				
9. Teacl	hing an	d Learning St	rategies					
9. Teaching and Learning Strategies 1- Enabling the student to demonstrate a trunderstanding of electronic components during tacademic phase. 2- Understand the rules and foundations upon white each electronic component is built. 3- Learn and understand the methods of connectice electronic components together to perform varied tasks. 4- Learn about the applications of electronics and importance in practical life. 5- Understand the mathematical ratios a relationships for each electronic component.								
Week	Hours	Required	Unit or subject	Learning	Evaluation			
, , con	210415	Learning Outcomes	name	method	method			

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1 +2+3	4	JFET		Chemical	Lectures	Daily exams		
		Transistor		structure of	presented	+ homework		
				transistor,	PDF format	assignments		
				types, propert mathematical		+ monthly		
				equations,		exams		
				examples,				
				practical				
			;	applications				
4+5	4	MOSFET		al structure of	Lectures	Daily exams		
		Transistor		or, its types,	presented	homework		
				es, mathemations, examples,	in PDF	assignments		
				l applications	format	monthly exan		
6+7	4	AC			Lectures	Daily exams		
0.7	1	analysis	transisto		presented	homework		
		anarysis			in PDF	assignments		
					format	_		
8+9+10	4	Transistor	The rest			monthly exan		
0+9+10	4		each typ	o of	Lectures	Daily exams		
		responses	transisto	or to	presented	homework		
				cies and the	in PDF	assignments		
			differen	ces between	format	monthly exan		
			them.					
10 . 11 . 12	4	N /14:-4	Analyzi	a of oirquita	τ ,	D 1		
10 +11+12	4	Multistage	-		Lectures	Daily exams		
		transistor		e transistor	presented	homework		
					in PDF	assignments		
					format	monthly		
13+14+15	4	Integrated	Introduc		Lectures	Daily exams		
		circuits	integrated circuits,		presented	homework		
				mponents, v they work	in PDF	assignments		
			and nov	v they work	format	monthly		
11.Course	Evalua	tion						
2 Daily exan	ns with p	ractical and sc	ientific c	uestions.				
2 Participati	ion score	s for difficult c	competit	ion questions				
Establishing grades for environmental duties and the reports assigned to them								
2 Semester exams for the curriculum, in addition to the mid-year exam and final exam								
		Teaching Res						
Required textbooks (curricular books, if any)				Boylestad, R.L., and Nashelsky, L., Electronic Devices circuit Theory, 9th Ed., Pearson Education, Inc., 2013.				
Main references (sources)				College library to obtain addition				
(,				sources for the academic curricula				
			Check scientific websites to see rece					
				developments in the subject				

			references	All reputable scientific journals that a				
(scientific journa	ıls, report	s)		related	to	the	broad	concept
				mathem	atica	al the	ories and	l their resu