



MINISTRY OF HIGHER EDUCATION



QUALITY ASSURANCE UNIT



GIZA HIGHER INSTITUTE OF
ENGINEERING AND TECHNOLOGY

اتصالات

Contribution of Courses to Program Competencies

Code	Title	A 1	A 2	A 3	A 4	A 5	A 6	A 7	A 8	A 9	A 10	B 1	B 2	B 3	B 4	B 5	C 1	C 2	C 3	C 4	C 5	C 6
MAT 011	Mathematics (1)A*	√																				
PHY012	Physics (1) A*	√	√			√																
MEC013	Mechanics (1)A*	√			√	√																
DEP014	Engineering Drawing & Projection (1)A*								√													
CHE015	Chemistry	√	√		√																	
GNS016	English Technical Language								√													
MAT 021	Mathematics (1) B*	√																				
PHY 022	Physics (1) B*	√	√			√																
MEC023	Mechanics (1)B*	√				√																
DEP024	Engineering Drawing & Projection (1)B*								√													
TIN025	Introduction to Engineering & Production		√					√														
COP026	Computer and Programming		√		√					√												
CEE 111	Electronics Engineering	√	√											√			√	√				
CEE 112	Electric Circuits (1) A	√	√											√								
CEE 113	Advanced Programming		√											√				√			√	√
CEE 114	Mathematics (2)	√																				
CEE 115	Physics (2)	√	√			√				√												
CEE 116	Properties of Materials				√	√																
CEE 121	Electronic Circuit (1)	√	√											√			√	√				
CEE 122	Electric Circuits (1) B	√	√											√	√							
CEE 123	Logic Circuits and Systems												√	√								
CEE 124	Signal Analysis	√											√		√							
CEE125	Mathematics (3)	√								√												
CEE 126	Technical writing							√	√													
CEE 211	Electronics Circuits (2)													√			√	√	√			
CEE 212	Electronic Measurements (1) *A	√	√	√								√	√				√					
CEE 213	Field Theory	√				√									√		√					
CEE 214	Microprocessor and Microcontroller						√	√						√	√		√		√			
CEE 215	Introduction to Communications	√	√										√		√						√	
CEE 216	Mathematics (4)	√									√											
CEE 221	Mathematics (5)	√				√				√	√											
CEE 222	Communication Systems			√									√	√							√	
CEE 223	Data base System		√											√			√	√	√			
CEE 224	Electromagnetic Waves	√				√						√	√	√			√					
CEE 225	Electronic Measurements (1) *B	√	√	√								√	√				√					
CEE 226	Engineering Economics	√	√																			



وزارة التعليم العالي
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Code	Title	A 1	A 2	A 3	A 4	A 5	A 6	A 7	A 8	A 9	A 10	B 1	B 2	B 3	B 4	B 5	C 1	C 2	C 3	C 4	C 5	C 6	
CEE 311	Mobile Communication	√				√							√		√			√					
CEE 312	Linear System and Control (1) *A	√	√			√								√	√		√						
CEE 313	Design and simulation of electronic circuits		√	√								√	√				√						
CEE 314	Digital Signal Processing	√	√												√		√						
CEE 315	Electric Machines	√	√			√								√	√		√						
CEE 316	Microwave Engineering	√				√							√		√		√				√		
CEE 321	Optical Communication	√				√							√	√				√					
CEE 322	Linear System and Control (1) *B	√	√			√								√	√		√						
CEE 323	Power Electronics	√	√			√								√	√		√						
CEE 324	Computer Architecture			√				√					√	√			√	√					
CEE 325	Consumer Electronics		√	√								√	√				√						
CEE 326	Antenna	√	√											√	√		√						
CEE 411	Digital Communications	√	√												√		√						
CEE 412	Presentation Skills						√		√		√												√
CEE 413	Integrated Circuit Fabrications		√	√								√	√				√						
CEE 414	Acoustic	√											√		√								
CEE 415	Graduation Project		√	√	√	√	√	√	√	√	√	√	√	√	√			√	√	√	√	√	√
CEE4162	Image Processing (elective)	√												√	√								
CEE 421	Satellite Communications	√				√							√		√		√						
CEE 422	Communication Networks					√							√		√		√					√	
CEE 423	Networks security			√				√							√		√	√	√				
CEE 425	Telecommunication Networks	√											√				√						
CEE 424	Graduation Project *		√	√	√	√	√	√	√	√	√	√	√	√	√			√	√	√	√	√	√
CEE 4261	Radar Systems (elective)	√	√	√								√	√				√						
	Summer Training		√		√		√	√	√	√						√	√	√	√				
	No. Of courses covering the competencies	38	30	11	7	20	5	8	8	6	6	8	20	20	20	1	27	12	7	3	6	4	