

IQY Technical College

Timetable of UET60222 Advanced Diploma of ESI-Design

Course Code	Title of Unit (Core Units)	Nominal Hours Core	Nominal Hours Electives	Number of weeks	Class based					Laboratory		
					Class theory delivery	Lab theory teaching	Lab practical teaching	Lab tasks and exercises	Lab practical assessments	SDL (self directed learning) in class	SDL (Self directed learning)	Online assessments in IQY LMS
TERM 1												
UETDREL005	Work safely in the vicinity of live electrical apparatus	20		2	14	2	2	4	4	10	2	2
UEECD0007 (prerequisite)	Apply work health and safety regulations, codes and practices in the workplace	20		2	14	2	2	4	4	10	2	2
UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications	40		5	35	5	10	10	5	20	5	5
TERM 2												
UEECS0033	Use engineering applications software on personal computers		40	2	14	2	2	2	2	10	2	2
UEEEL0021	Solve problems in magnetic and electromagnetic	30		3	21	4	4	4	3	15	6	3

Course Code	Title of Unit (Core Units)		Nominal Hours Core	Nominal Hours Electives	Number of weeks	Class theory delivery	Class based
TOTAL	Total Amount of Training: 1,104		270	400			
						Lab theory teaching	Laboratory
						Lab practical teaching	
						Lab tasks and exercises	
						Lab practical assessments	
						Energy LMS exercises	
						Energy LMS assessments	SDL (Self directed learning)
						Summative exam	Online assessments in IQY TECHNICAL COLLEGE LMS

IQY Technical College

Delivery Period	<p>Class sessions:</p> <p>100 weeks x 14 hours per week= 1400 hrs</p> <p>Electrical Lab:</p> <p>100 weeks x 4 hours per weeks= 400 hrs</p> <p>Total delivery period is 100 weeks + 28 weeks holiday breaks = 128 weeks</p>
Location of delivery	

SAMPLE DELIVERY OVERVIEW		
Term 1		
1 a	UETDREL005	Work safely in the vicinity of live electrical apparatus
2	UEECD0007 (prerequisite)	Apply work health and safety regulations, codes and practices in the workplace
3	UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications
Holiday break		
Term 2		
7	UEECS003 3	Use engineering applications software on personal computers
8	UEEEL0021	Solve problems in magnetic and electromagnetic devices
Holiday break		
Term 3		
24	UEECD0046	Solve problems in single path circuits
25	UEECD0044	Solve problems in multiple path circuits
Holiday break		
Term 3		
14	UEECD0046	Solve problems in single path circuits
Holiday break		
Term 4		
19	UEEEL0020	Solve problems in low voltage (a.c.) circuits

IQY Technical College

	Holiday break	
	Term 5	
18	UETDRDS015	Assess distributed energy resource connections to a distribution network
	Holiday break	
	Term 6	
21	UETDRDS017	Design customer substations
13	UETDRDS018	Design distribution protection systems
	Holiday break	
	Term 7	
12	UETDRDS019	Design distribution substations
9	UETDRDS022	Design underground distribution systems
	Holiday break	
	Term 8	
24	UETDRDS028	Prepare and manage construction plans for electrical infrastructure