Timetable UEE62220 Advanced Diploma of Electrical Engineering

Course Code	Title of Unit (Core Units)	Nominal Hours Core	Nominal Hours Electives	Number of weeks	Class based	Laboratory				SDL (self directed learning) in class	SDL (Self directed learning)	Online assessments in IQY LMS
					Class theory delivery	Lab theory teaching	Lab practical teaching	Lab tasks and exercises	Lab practical assessments	Energy LMS exercises	Energy LMS assessments	Summative exam
Term 1												
UEECD0024	Implement and monitor energy sector WHS policies and procedures		20	2	14	2	2	4	4	10	2	2
UEERE0001	Apply environmentally and sustainable procedures in the energy sector		20	2	14	2	3	2	3	12	2	2
UEECD0017	Establish and follow a competency development plan in an electrotechnology engineering discipline		100	2	2	2	2	2	10	2	6	4

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Term 2												
UEECD0005	Apply physics to solving electrotechnology engineerng problems	60		3	21	4	4	4	3	15	6	3
UEECD0004	Apply material science to solving electrotechnology engineering problems	60		3	21	4	4	4	3	15	6	3
UEECS0033	Use engineering applications software on personal computers		40	2	14	2	2	2	2	10	2	2
Term 3												
UEEEL0043	Develop engineering solutions for induction machine and control problems		60									
UEERE0013	Develop strategies to address environmental and sustainability issues in the energy sector	20		1	1	1	1	1	5		4	1
UEECD0003	Apply industry and community standards to engineering activities	20		1	1	1	1	1	5		4	1
UEECD0056	Apply methods to maintain currency of industry developments		20	1	1	1	1	1	5		4	1

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Term 4												
UEECD0036	Provide engineering solutions for problems in complex multiple path circuits	60		4	28	4	6	7	3	20	5	2
UEECD0039	Provide solutions to basic engineering computational problems*		60	2	2	2	2	2	10	2	6	4
Term 5												
UEEEL0062	Provide engineering solutions to problems in complex polyphase power circuits	60		3	21	4	4	4	3	15	6	3
UETDRIS033 UETDREL005 **UETDRIS032**	Solve problems in network protection* Concurrently with Work safely in the vicinity of live electrical apparatus Solve problems in network equipment		80	3	21	4	4	4	3	15	6	3

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UEEIC0042	Solve problems in single phase electronic power control circuits*		60	3	21	4	4	4	3	15	6	3
UEECD0049	Use advanced computational processes to provide solutions to energy sector engineering problems—This unit can be moved to Term 6		80	3	21	4	4	4	3	15	6	3
Term 6												
UETDRIS027 UETDRIS026	Diagnose and resolve faults in transmission systems Concurrently with Diagnose and resolve faults in electrical apparatus		80	3	21	4	4	4	3	15	6	3
UEECD0014	Develop design briefs for electrotechnology projects	20		1	7	1	1	1	1			1
UEECD0026	Manage risk in electrotechnology activities	40		1	7	1	1	1	1			1

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UEECD0059	Write specifications for electrical engineering projects	40		1	7	1	1	1	1			1
UEECO0003	Manage contract variations		40	1	1	1	1	1	1			1
UEEEL0015	Manage large electrical projects	60		1	1	1	1	1	1			1
UEEEL0058	Plan large electrical projects	60		1	1	1	1	1	1			1
UEECD0010	Compile and produce an energy sector detailed report	60		1	1	1	1	1	1			1
	The units shaded in yellow colour are delivered in combined mode focusing on teacher's guided students projects											
	The units highlighted by pink colour can be moved to following term depending on students study loads											
	The units in RED Colour fonts do not contribute the points but they are prerequisite units that can be concurrently delivered and assessed.											
TOTAL	**Total Amount of Training: 1320 hours**											

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	Delivery Period	**Class sessions: 1 Term 1 to 6** 60 weeks x 14 hours per week= 840 hrs **Electrical Lab:** 60 weeks x 4 hours per weeks= 240 hrs **Total delivery period is 60 weeks + 18weeks holiday breaks = 78 weeks** **TOTAL 84 weeks 1320 Points and 1160 Hours**										
	Location of delivery											