

Pearson BTEC Level 5 HND Diploma in Electrical and Electronic Engineering (QCF)

Part-Time Curriculum Plan

Unit No.	Unit Descriptions	QCF level	Credit Value	Jul 16 to Sep 16	Oct 16 to Dec 16	Jan 17 to Mar 17	Apr 17 to Jun 17	Jul 17 to Sep 17	Oct 17 to Dec 17	Jan 18 to Mar 18	Apr 18 to Jun 18	Lab	Remarks
*1	Analytical Methods for Engineers	4	15	Y	Y	Y	Y	Y	Y	Y	Y	NON-LAB	
*2	Engineering Science	4	15	Y	Y	Y	Y	Y	Y	Y	Y	LAB	
12	Combinational and Sequential Logic	4	15	Y	Y	Y	Y	Y	Y	Y	Y	LAB	
6	Programmable Logic Controllers	4	15	Y	Y	Y	Y	Y	Y	Y	Y	LAB	
9	Management of Projects	4	15	-	-	Y	Y	Y	Y	Y	Y	NON-LAB	
8	Statistical Process Control	5	15	-	-	Y	Y	Y	Y	Y	Y	NON-LAB	
*3	Project Design, Implementation and Evaluation	5	20	-	-	Y	Y	Y	Y	Y	Y	NON-LAB	
15	Digital and Analogue Devices and Circuits	5	15	-	-	Y	Y	Y	Y	Y	Y	LAB	
13	Managing the Work of Individuals and Teams	5	15	-	-	-	Y	Y	Y	Y	Y	NON-LAB	
*4	Electrical and Electronic Principles	5	15	-	-	-	Y	Y	Y	Y	Y	LAB	
7	Further Analytical Methods for Engineers	5	15	-	-	-	-	Y	Y	Y	Y	NON-LAB	
5	Business Improvement Techniques	5	15	-	-	-	-	Y	Y	Y	Y	NON-LAB	
10	Electronic Principles	5	15	-	-	-	-	-	Y	Y	Y	LAB	
14	Computer Programming Techniques	4	15	-	-	-	-	-	Y	Y	Y	LAB	
11	Advanced Mathematics for Engineering	5	15	-	-	-	-	-	-	Y	Y	NON-LAB	
16	Telecommunication Principles	5	15	-	-	-	-	-	-	Y	Y	NON-LAB	

***Mandatory Core Units**

Note1: Curriculum Plan is subject to changes at ELITC's sole discretion

Note2 : As part of the graduation requirement, students must complete at least 240 credits of which 65 are mandatory and must contain a minimum of 125 credits at level 5

Note3 : Course schedule will be issued to student during orientation

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Full-Time Curriculum Plan

Unit No.	Unit Descriptions	QCF level	Credit Value	Jul 16 to Sep 16	Oct 16 to Dec 16	Jan 17 to Mar 17	Apr 17 to Jun 17	Jul 17 to Sep 17	Oct 17 to Dec 17	Jan 18 to Mar 18	Apr 18 to Jun 18	Lab	Remarks
*1	Analytical Methods for Engineers	4	15	Y	-	Y	-	Y	-	Y	-	NON-LAB	
*2	Engineering Science	4	15	Y	-	Y	-	Y	-	Y	-	LAB	
12	Combinational and Sequential Logic	4	15	Y	-	Y	-	Y	-	Y	-	LAB	
6	Programmable Logic Controllers	4	15	-	Y	-	Y	-	Y	-	Y	LAB	
9	Management of Projects	4	15	-	Y	-	Y	-	Y	-	Y	NON-LAB	
8	Statistical Process Control	5	15	-	Y	-	Y	-	Y	-	Y	NON-LAB	
*3	Project Design, Implementation and Evaluation	5	20	-	-	Y	-	Y	-	Y	-	NON-LAB	
15	Digital and Analogue Devices and Circuits	5	15	-	-	Y	-	Y	-	Y	-	LAB	
13	Managing the Work of Individuals and Teams	5	15	-	-	-	Y	-	Y	-	Y	NON-LAB	
*4	Electrical and Electronic Principles	5	15	-	-	-	Y	-	Y	-	Y	LAB	
7	Further Analytical Methods for Engineers	5	15	-	-	-	Y	-	Y	-	Y	NON-LAB	
5	Business Improvement Techniques	5	15	-	-	-	-	Y	-	Y	-	NON-LAB	
10	Electronic Principles	5	15	-	-	-	-	Y	-	Y	-	LAB	
14	Computer Programming Techniques	4	15	-	-	-	-	Y	-	Y	-	LAB	
11	Advanced Mathematics for Engineering	5	15	-	-	-	-	-	Y	-	Y	NON-LAB	
16	Telecommunication Principles	5	15	-	-	-	-	-	Y	-	Y	NON-LAB	

***Mandatory Core Units**

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