

**Pearson BTEC Level 4 Higher National Certificate in Engineering (Electrical and Electronic Engineering)**

*Qualification Framework: UK Regulated Qualifications Framework (RQF)*

**Full-Time Curriculum Plan (9 months)**

S/N	Unit Name	Unit Code	TRIMESTERS					
			Jul'21	Oct'21	Jan'22	Apr'22	Jul'22	Oct'22
1	*Unit 1: Engineering Design	K/615/1475	Y	Y	-	Y	-	-
2	*Unit 2: Engineering Maths	M/615/1476	Y	Y	-	Y	-	-
3	* Unit 3: Engineering Science	T/615/1477	Y	Y	-	Y	-	-
4	* Unit 4: Managing a Professional Engineering Project	A/615/1478	-	-	Y	Y	-	Y
5	+ Unit 19: Electrical and Electronic Principles	M/615/1493	-	Y	Y	-	Y	-
6	Unit 17: Quality and Process Improvement	H/615/1491	-	Y	Y	-	Y	-
7	Unit 20: Digital Principles	T/615/1494	-	Y	Y	-	Y	-
8	Unit 22: Electronic Circuits and Devices	F/615/1496	-	-	Y	Y	-	Y

**\* Mandatory Core Units + Mandatory Specialist Unit**

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

Note2 : To achieve a Pearson BTEC Level 4 Higher National Certificate qualification, student must have completed units which is equivalent to 120 credits and achieved at least a pass in 105 credits at Level 4 within 2 years from the registration date.

Note3 : Course schedule will be issued to student during the first lesson.

**Pearson BTEC Level 4 Higher National Certificate in Engineering (Electrical and Electronic Engineering)**

*Qualification Framework: UK Regulated Qualifications Framework (RQF)*

**Part-Time Curriculum Plan (12 months)**

S/N	Unit Name	Unit Code	TRIMESTERS							
			Jul'21	Oct'21	Jan'22	Apr'22	Jul'22	Oct'22	Jan'23	Apr'23
1	*Unit 1: Engineering Design	K/615/1475	Y	Y	-	Y	Y	Y	-	Y
2	*Unit 2: Engineering Maths	M/615/1476	Y	Y	-	Y	Y	Y	-	Y
3	* Unit 3: Engineering Science	T/615/1477	-	Y	Y	-	Y	Y	Y	-
4	* Unit 4: Managing a Professional Engineering Project	A/615/1478	-	Y	Y	-	Y	Y	Y	-
5	+ Unit 19: Electrical and Electronic Principles	M/615/1493	-	-	Y	Y	-	Y	Y	Y
6	Unit 17: Quality and Process Improvement	H/615/1491	-	-	Y	Y	-	Y	Y	Y
7	Unit 20: Digital Principles	T/615/1494	-	-	-	Y	Y	-	Y	Y
8	Unit 22: Electronic Circuits and Devices	F/615/1496	-	-	-	Y	Y	-	Y	Y

**\* Mandatory Core Units + Mandatory Specialist Unit**

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

Note2 : To achieve a Pearson BTEC Level 4 Higher National Certificate qualification, student must have completed units which is equivalent to 120 credits and achieved at least a pass in 105 credits at Level 4 within 2 years from the registration date.

Note3 : Course schedule will be issued to student during the first lesson.

**Pearson BTEC Level 5 Higher National Diploma in Engineering (Electrical and Electronic Engineering)**

*Qualification Framework: UK Regulated Qualifications Framework (RQF)*

**Full-Time Curriculum Plan (18 months)**

S/N	Unit Name	Unit Code	TRIMESTERS					
			Jul'21	Oct'21	Jan'22	Apr'22	Jul'22	Oct'22
1	*Unit 1: Engineering Design	K/615/1475	Y	Y	-	Y	-	-
2	*Unit 2: Engineering Maths	M/615/1476	Y	Y	-	Y	-	-
3	* Unit 3: Engineering Science	T/615/1477	Y	Y	-	Y	-	-
4	* Unit 4: Managing a Professional Engineering Project	A/615/1478	-	-	Y	Y	-	Y
5	+ Unit 19: Electrical and Electronic Principles	M/615/1493	-	Y	Y	-	Y	-
6	Unit 17: Quality and Process Improvement	H/615/1491	-	Y	Y	-	Y	-
7	Unit 20: Digital Principles	T/615/1494	-	Y	Y	-	Y	-
8	Unit 22: Electronic Circuits and Devices	F/615/1496	-	-	Y	Y	-	Y

S/N	Unit Name	Unit Code	TRIMESTERS					
			Apr'22	Jul'22	Oct'22	Jan'23	Apr'23	Jul'23
9	*Unit 34: Research Project	J/615/1502	-	-	Y	Y	-	Y
10	*Unit 35: Professional Engineering Management	L/615/1503	Y	Y	-	Y	-	-
11	+Unit 39: Further Mathematics	H/615/1507	Y	Y	-	Y	-	-
12	+Unit 44: Industrial Power, Electronics and Storage	M/615/1512	Y	Y	-	Y	-	-
13	+Unit 45: Industrial Systems	T/615/1513	-	Y	Y	-	Y	-
14	Unit 49: Lean Manufacturing	L/615/1517	-	Y	Y	-	Y	-
15	Unit 52: Further Electrical, Electronic and Digital Principles	L/615/1520	-	Y	Y	-	Y	-

**\* Mandatory Core Units + Mandatory Specialist Unit**

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

Note2 : To achieve a Pearson BTEC Level 5 Higher National Diploma qualification within 4 years (from the registration date), student must have:

- completed units which is equivalent to 120 credits and achieved at least a pass in 105 credits at Level 4 ; and
- completed units which is equivalent to 120 credits and achieved at least a pass in 105 credits at Level 5

Note3 : Course schedule will be issued to student during the first lesson.

## Pearson BTEC Level 5 Higher National Diploma in Engineering (Electrical and Electronic Engineering)

*Qualification Framework: UK Regulated Qualifications Framework (RQF)*

### Part-Time Curriculum Plan (24 months)

S/N	Unit Name	Unit Code	TRIMESTERS							
			Jul'21	Oct'21	Jan'22	Apr'22	Jul'22	Oct'22	Jan'23	Apr'23
1	*Unit 1: Engineering Design	K/615/1475	Y	Y	-	Y	Y	-	-	-
2	*Unit 2: Engineering Maths	M/615/1476	Y	Y	-	Y	Y	-	-	-
3	* Unit 3: Engineering Science	T/615/1477	-	Y	Y	-	Y	Y	-	-
4	* Unit 4: Managing a Professional Engineering Project	A/615/1478	-	Y	Y	-	Y	Y	-	-
5	+ Unit 19: Electrical and Electronic Principles	M/615/1493	-	-	Y	Y	-	Y	Y	-
6	Unit 17: Quality and Process Improvement	H/615/1491	-	-	Y	Y	-	Y	Y	-
7	Unit 20: Digital Principles	T/615/1494	-	-	-	Y	Y	-	Y	Y
8	Unit 22: Electronic Circuits and Devices	F/615/1496	-	-	-	Y	Y	-	Y	Y

S/N	Unit Name	Unit Code	TRIMESTERS							
			Jul'23	Oct'23	Jan'24	Apr'24	Jul'24	Oct'24	Jan'25	Apr'25
9	*Unit 34: Research Project	J/615/1502	-	-	-	Y	Y	-	Y	Y
10	*Unit 35: Professional Engineering Management	L/615/1503	Y	Y	-	Y	Y	-	-	-
11	+Unit 39: Further Mathematics	H/615/1507	Y	Y	-	Y	Y	-	-	-
12	+Unit 44: Industrial Power, Electronics and Storage	M/615/1512	-	Y	Y	-	Y	Y	-	-
13	+Unit 45: Industrial Systems	T/615/1513	-	Y	Y	-	Y	Y	-	-
14	Unit 49: Lean Manufacturing	L/615/1517	-	-	Y	Y	-	Y	Y	-
15	Unit 52: Further Electrical, Electronic and Digital Principles	L/615/1520	-	-	Y	Y	-	Y	Y	-

**\* Mandatory Core Units + Mandatory Specialist Unit**

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

Note2 : To achieve a Pearson BTEC Level 5 Higher National Diploma qualification within 4 years (from the registration date), student must have:

- completed units which is equivalent to 120 credits and achieved at least a pass in 105 credits at Level 4 ; and
- completed units which is equivalent to 120 credits and achieved at least a pass in 105 credits at Level 5

Note3 : Course schedule will be issued to student during the first lesson.