



BEACONHOUSE
INTERNATIONAL COLLEGE

—TRULY GLOBAL—

FAST TRACK

YOUR ENGINEERING CAREER WITH

BTEC

INTERNATIONAL

DIPLOMA IN

ENGINEERING

FOUNDATION DIPLOMA

- ❖ Foundation Diploma allows students to undertake an **add-on engineering qualification while appearing for A-Levels.**
- ❖ Applying for Foundation Diploma will ensure that the students have a safety net provision in hand as it provides additional UCAS points to meet entry requirements of **foreign universities.**
- ❖ Students can enroll themselves into the spring semester, starting **March** or avail the Summer Semester, starting **June.**
- ❖ The Foundation Diploma will allow students to study **7 units**, introducing them to the field of engineering.



Pearson

APPROVED
LEARNING PARTNER

EXTENDED DIPLOMA

- ❖ **BTEC Level 3 Extended Diploma in Engineering** allows students to progress to undergraduate engineering degrees at **top engineering universities worldwide.**
- ❖ **100% coursework** based qualification with no formal exams.
- ❖ **BTEC Extended Diploma in Engineering** is a standalone qualification equivalent to 3 complete A-Level/Intermediate.
- ❖ It is **recognised globally.**
- ❖ **The BTEC Level 3 Extended Diploma in Engineering** can be completed in minimum of 1-2 years.

PURPOSE:

- ❖ BTEC International Diploma in Engineering can be studied as a standalone qualification to enter to undergraduate engineering degrees worldwide or as an add-on to gain additional UCAS tariff points alongside A-Levels.
- ❖ Top universities such as, University of Nottingham, University of Sussex, City University London, Exeter, Brunel, Central Queensland University, Brock University, University of Lethbridge, Hong Kong Shue Yan University, Miami University, Northwood University, Massachusetts Temple University etc accept BTEC International Diploma Engineering as standalone qualification to enter to engineering degrees.



PROGRAMME STRUCTURE

- 1: The qualification is made up of 16 Units.
- 2: BTEC International Diploma-Level-3 (Extended) Qualification's total credit value is 1080 credits.
- 3: Total Guided Learning hrs (GLH) is 1080
- 4: 4 Semesters
- 5: Duration of the programme – 2 years

Semester 1

	Credit Value
• Mechanical Principles (Mandatory)	60
• Delivery of Engineering Processes Safely as a Team (Mandatory)	60
• Product Design and Manufacturing in Engineering (Mandatory)	120
• Electrical and Electronic Principles (Mandatory)	60

Semester 2

	Credit Value
• Microcontroller Systems (Mandatory)	120
• Calculus to Solve Engineering Problems (Mandatory)	60
• Applied Commercial and Quality Principles in Engineering (Mandatory)	60
• Computer Aided Design in Engineering	60

Semester 3

	Credit Value
• Further Engineering Mathematics	60
• Electronic Devices and Circuits	60
• Electronic Measurement and Testing of Circuits	60
• Maintenance of Mechanical Systems	60

Semester 4

	Credit Value
• Mechanical Measurement and Inspection Technology	60
• Computer System Principles and Practice	60
• Entrepreneurship and Intrapreneurship in Practice	60
• A Specialist Engineering Project	60



Progression Route

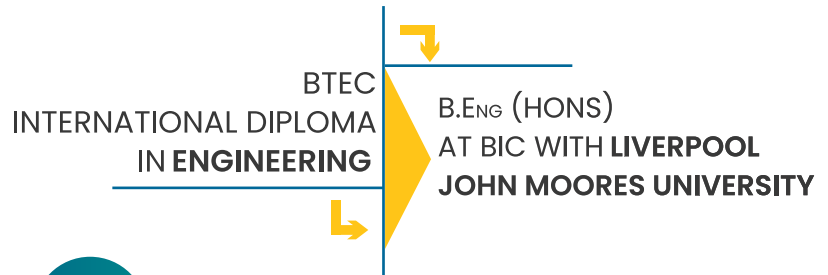
The qualification is recognized worldwide and is equivalent to three complete International A Levels

After successful completion of Diploma, Student can progress to:

- Foreign Universities in the field of engineering.



YOUR PROGRESSION at BIC



Admissions Criteria

For learners who have recently been in education, the profile is likely to include one of the following:

- Level-2 - BTEC qualification or a related vocational area.
- A standard of literacy and numeracy supported by a general education equivalent to Four GCSE at grade A* - C .
- Minimum pass in Matriculation.
- Other related Level-2 qualifications.
- For International Diploma, the applicant should be no younger than 14 years.

- BEACONHOUSE INTERNATIONAL COLLEGE ISLAMABAD

📍 Plot # 62, H-11/4, Islamabad
 ✉ info@bic.edu.pk
 ☎ 03-111-111-242

- BEACONHOUSE INTERNATIONAL COLLEGE POTOHAR

📍 Main G.T Road, Opposite Bahria Town Phase 1-6, Islamabad
 ✉ info@bic.edu.pk
 ☎ 03-111-111-242

- BEACONHOUSE INTERNATIONAL COLLEGE LAHORE

📍 3-C Zafar Ali Road, Opposite Gymkhana, Gulberg V, Lahore
 ✉ info@bic.edu.pk
 ☎ 03-111-111-242

- BEACONHOUSE INTERNATIONAL COLLEGE FAISALABAD

📍 Green Village, 57 West, Canal Road, Faisalabad
 ✉ info@bic.edu.pk
 ☎ 03-111-111-242

