

## OVERVIEW

BIP is an international institute accredited by UK awarding body Pearson BTEC. BIP aims at skilling Ugandans leading to Level 2 Certificate and Diploma qualifications in Electrical Installations, Fluid mechanics-Pipe Fitting, Welding & Fabrication and Construction.

Our engineering programmes enable young people to get high-quality industry skills and qualifications they need. Our industrial workshops will ensure that our students are exposed to real life engineering. All programmes are fully packed with extra practical hours ensuring that industry skills are key factor within the learning experience.

## COURSES

### Pre-BTEC Course

This course is designed to equip learners with skills and entry requirements for a range of Pearson BTEC in Engineering Qualifications. It also gives the confidence needed for learners to take them to the next level.

### Requirements

Have achieved minimum 40% in BIP Entrance Assessment Exam

### Duration/Dates/Timings

4 weeks- 4 days a week Monday to Thursday

9am – 1pm

Intakes are every month and start date communicated from time to time.

## Course fees

150\$ Includes;

- Course materials
- BIP Uniform T-shirt
- Onboarding option available for an additional 100\$

# QUALIFICATIONS

## Pearson BTEC Qualifications in Construction

### **Extended Certificate 360 hrs**

1. Construction Technology
2. Exploring Health, Safety & Welfare in Construction
3. Scientific & Mathematical Applications for Construction
4. Construction & Design
5. Construction Processes & Operations for Low-rise Domestic Buildings
6. Construction Methods & Techniques for Low-rise Domestic Buildings
7. Construction Drawing Techniques
8. Exploring Carpentry and Joinery
9. Performing Joinery Operations
10. Performing Plumbing Operations
11. Performing Electrical Operations
12. Exploring Trowel Operations

### **Top-up Diploma 120 hrs**

13. Tendering & Estimating
14. Performing Carpentry Operations
15. Exploring Roofing Operations

## Pearson BTEC Qualifications in Engineering

### Welding & Fabrication-Electrical Installations-Fluid Mechanics/Pipe Fitting

#### **Mandatory units for all streams**

1. Working Safely & Effectively in Engineering
2. Engineering Thinking Skills to Create Solutions
3. Investigating an Engineering Product
4. Engineering Maintenance

## Welding & Fabrication Stream

Extended Certificate 360 hrs

All Mandatory units +

1. Engineering Drawing
2. Engineering Design
3. Welding
4. Fabrication Techniques

Top-up Diploma 120 hrs

5. Mathematics for Engineering Technicians
6. Operations & Maintenance of Mechanical Systems & Components
7. Application of Quality Control & Measurement in Engineering
8. Electrical & Mechanical Science for Engineering

## Electrical Installations Stream

Extended Certificate 360 hrs

All Mandatory units +

1. Mathematics for Engineering Technicians
2. Engineering Drawing
3. Engineering Design
4. Electrical & Mechanical Science for Engineering
5. Electrical & Electronic Circuit Construction & Testing

Top-up Diploma 120 hrs

6. Application of Quality Control & Measurement in Engineering
7. Renewable Technologies & Sustainability
8. Operation & Maintenance of Electrical and Electronic Systems & Components

## Fluid Mechanics/Pipe Fitting Stream

Extended Certificate 360 hrs

All Mandatory units +

1. Engineering Material
2. Engineering Drawing
3. Engineering Design
4. Engineering Fitting & Assembly
5. Operations & Maintenance of Mechanical Systems & Components

Top-up Diploma 120 hrs

6. Mathematics for Engineering Technicians
7. Welding
8. Application of Quality Control & Measurement in Engineering
9. Electrical & Mechanical Science for Engineering

## FEES & REQUIREMENTS

Must have achieved minimum 60% in BIP Entrance Assessment Exam or Pre-BTEC Course Assessment Exam.

Duration/Dates/Timings

Certificate Qualification 6 months- 5 days a week Monday to Friday/9am – 4pm

Diploma Qualification 9 months- 5 days a week Monday to Friday/9am – 4pm

Start date communicated from time to time.

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Course fees (6 months) Level 2 Extended Certificate in Engineering 960\$

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Includes;

- Course Registration fees
- Course materials
- BIP Uniform

Onboarding option available for an additional 650\$

**Those who qualify for scholarship will only be required to pay for meals and accommodation**

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Course fees (Additional 3 months) Top-Up Level 2 Diploma in Engineering 480\$

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Includes;

- Course Registration fees
- Course materials
- BIP Uniform

Onboarding option available for an additional 350\$

**No scholarships available for Diploma learners**

\*\*Direct entry to Level 2 Diploma (9 months) 1440\$