

Level 3 Pearson BTEC Extended Diploma in Information Technology

Programme Description

Level 3 Pearson BTEC Extended Diploma is a two-year full time programme that prepares trainees to work in a technical or commercial environment where there is a substantial use of computers. The programme deals with substantial practical elements in which industry standard hardware and software are widely used.

Graduates of the programme are expected to adapt and customize software packages to a given environment, make significant contributions to the development of applications software systems, set up a hardware system, and install the commonly used software packages.

Programme Objectives

- Provide trainees with the fundamental knowledge and networking technical skills required to become technicians in computer related occupations.
- Provide trainees with an internationally recognized qualification that allows them to proceed to further studies.
- Instill awareness on the impact of the use of computer-based systems in the different industries.
- Introduce business opportunities with computer applications.
- Equip trainees with mathematical and communication skills needed in the workplace.

Duration: 2 years (four semesters) of full time study

Assessment

There are varied methods used in assessing the progress of the trainees and these include: Assignments, practical assignments, quizzes, projects, practical and final written exams.

On-the-Job Training

Trainees are required to complete the OJT programme in any or the private or government partners of BTI.

Qualification Certificates

Upon the completion of the requirements of the programme, a trainee shall receive certificates from Pearson and Bahrain Training Institute.

Employment Opportunities

Graduate of the programme can apply as:

- Computer Technician
- Software Developer
- Network Technician
- Support Technician
- Sales Technician
- Programmer
- Customer Care Technician

Programme Structure

Level 3 Pearson BTEC Extended Diploma in Information Technology

Year 1

First Semester

UNIT TITLE	UNIT CODE	PRE-REQUISITE
Communication and Employability Skills for IT	EBU315	
Basic English for IT 1	ECL 313	
Math Tutorial	EMA322	
Mathematics for Engineering Technicians 1	EMA310	
Procedural Programming	EIT312	
Spreadsheet Modeling	EIT313	
Study and Employability Skills	EBU311	
Understanding Business Ethics	EBU316	

Second Semester

Computer Systems	EIT322	
Database Design	EIT311	
Basic English for IT 1	ECL 323	ECL 313
Information Systems	EIT321	
IT Systems Troubleshooting and Repair	EIT323	EIT322
Math Tutorial	EMA322	
Mathematics for IT Practitioners	EMA321	
Software Design and Development	EIT320	EIT312

Level 3 Pearson BTEC Extended Diploma in IT (Software Development)

Year 2

First Semester

Data Analysis and Design	EIT334	EIT311
English for IT	ECL 333	ECL 323
Event Driven programming	EIT331	EIT320
Systems Analysis and Design	EIT335	
Web Server Scripting	ESD330	
Website Production	EIT332	

Second Semester

Computer Animation	EIT342	EIT332
E-Commerce	EIT341	EIT332
English for IT 2	ECL 343	ECL 333
Object Oriented programming	EIT343	EIT331
Project Planning with IT	EIT340	EIT331, EIT335
Starting a Small Business	EBU341	

Level 3 Pearson BTEC Extended Diploma in IT (Networking and Systems Support)

Year 2

First Semester

Cisco Exploration Network Fundamentals	EIT339	
Communication Technologies	ENS330	
English for IT	ECL 333	ECL 323
IT Technical Support	EIT336	
Configuring Windows Server 2008 Active Directory	ENS331	

Second Semester

Cisco Exploration Routing Protocols and Concept	ENS341	EIT339
Networked Systems Security	EIT338	
English for IT 2	ECL 343	ECL 333
Managing Networks	ENS342	
Project Planning with IT	ENS343	EIT339
Starting a Small Business	EBU341	