



EDEXCEL BTEC HIGHER NATIONAL DIPLOMA (HND) IN COMPUTING PROGRAMME

JANUARY - MAY - AUGUST INTAKES



Programme Description

The BTEC Higher National Diploma in Computing is examined by Pearson BTEC (UK) and meets international standards of quality delivery. It covers a broad range of computing principles and applications that are used by businesses today. Students develop a range of specialist technical skills in network engineering, software engineering, data analytics, security, intelligent systems, and applications development relevant to the current requirements of the IT industry. This programme aims to widen access to higher education and enhance the career prospects of graduates in the IT field.

Programme Objectives

- To equip students with computing skills, knowledge and understanding, necessary to achieve high performance in a global computing environment.
- To provide opportunities for students to enter/progress in employment in the Computing field or pursue further education studies

Career Opportunities

Intelligent Systems Administrator • Cloud Engineers • Computer Animators • Data Analyst
Software Engineers/Programmer • Mobile Application Developer • Computer Scientist
Network Engineer • Business Systems Analyst • Information Technology Officer • Database
Manager • Website Developer • IT Specialist/Consultant

Admission Requirements

BTEC Level 3 qualification in Computing OR

IGCE - 'A' level with passes in English and Mathematics OR

KCSE – C (Plain) with C- in English and Mathematics

Credit transfer from prior recognized qualifications or relevant work experience will also be considered

ICT Proficiency - ICDL or any other proof of basic computer literacy

Qualification for the award

To qualify for a Higher National Diploma in Computing award, a student must take a total of 16 units, comprising of 8 Core units and 8 Electives. However, a student can earn a Higher National Certificate (HNC) after one (1) academic year of specific course combinations.

Course Duration and Timetable

Two (2) academic years which is equivalent to 6 semesters.

Full Time: Monday to Friday: 08:30 am - 10:30 am | 11:00 am - 01:00 pm
02:00 pm - 04:00pm (Tutorial Sessions)

Part Time: Monday to Friday: 05:30 pm - 08:00 pm
Saturday: 08:30 am - 10:30 am | 11:00 am - 01:00 pm

What next after HND

After successfully completing the Higher National Diploma in Computing, a student can proceed to the final year of the BSc (Hons) - Applied Business Computing Degree of the University of Sunderland. This programme is offered at INtel College by the University of Sunderland.

Course Fees

Admission Fee:	KShs. 10,000	One Time
Tuition Fee:	KShs. 92,000	Per Semester
Extra Unit:	KShs. 30,000	Per Unit
BTEC Registration Fee:	269 UK Pounds	One Time
Examination Fee:	121 UK Pounds	Annually
ICDL	KShs. 47,000	



Course Schedule (Modules)

Year One (Level 4)	Year Two (Level 5)
Core Units (ALL are Compulsory)	Core Units (ALL are Compulsory)
<ol style="list-style-type: none">1 Programming2 Networking3 Professional Practice4 Database Design & Development5 Security6 Managing a Successful Computing Project	<ol style="list-style-type: none">1 Computing Research Project2 Business Intelligence
Electives (Any TWO are required)	Electives (Any SIX are required)
<ol style="list-style-type: none">1 Strategic Information System2 Website Design & Development3 Software Development Lifecycles4 Cloud Computing5 Network Security6 Data Mining	<ol style="list-style-type: none">1 Forensics2 Information Security Management3 Application Development4 Ecommerce & Strategy5 Emerging Technologies6 Internet of Things7 Artificial Intelligence8 Data Analytics9 Network Management10 User Experience and Interface Design11 System Integration12 Database Management Systems13 Risk Analysis and System Testing14 Advanced Programming

Note: Professional and Short Courses are also available on recommendation by the Academic Board based on your area of interest.

Admission Process

- Complete the admission form available at the college or downloadable at www.inteluni.ac.ke
- Attach certified copies of academic credentials, two (2) passport size photos and proof of identification (National ID or Passport)
- Pay admission fee of KShs 10,000/- (Ten Thousand Shillings only) by cash deposit or cheque payment direct to the college account. Account details to be provided on request
- Submit the above items to INtel College.

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 @INtel_College

 INtel College

 intel_college

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