HND in QUANTITY SURVEYING

BTEC Higher Nationals Diploma in Quantity Surveying is work-related qualification for students taking their first steps into employment, or for those already in employment and seeking career development opportunities. This qualification provides progression into the workplace either directly or via study at university and are also designed to meet employers' needs.

PROGRAMME MODULES:

Construction Design Project (Pearson-set)

Tender & Procurement

Construction Technology

Quantity Surveying Practice

Measurement & Estimating

Digital Applications for Construction Information

Law & Legal Frameworks in Quantity Surveying

The Construction Environment

Group Project

Contract & Management

Projects Management

Sustainable Methods of Construction

Advanced Quantity Surveying Practice

Personal Professional Development

Advanced Quantities for Complex Building Projects

Value Engineering & Cost Control

HND in CIVIL ENGINEERING

BTEC Higher National qualification in Civil Engineering include enhanced work-related curriculum that is designed to address an increasing need for high quality professional and technical education pathways at Levels 4 and 5, equipping students with the right skills and competencies for the workplace, or progression to further higher education study.

PROGRAMME MODULES:

Construction Design Project (Pearson-set)

Science and Materials

Mathematics for Construction

Surveying, Measuring & Setting-out

Civil Engineering Technology

Geotechnics and Soil Mechanics

Principles of Structural Design
The Construction Environment

Group Project (Pearson-set)

Hydraulics

Construction Technology for Complex Building Projects

Sustainable Methods of Construction

Further Mathematics for Construction

Personal Professional Development

Advanced Structural Design

Highway Engineering

HND in ELECTRICAL & ELECTRONIC

The Pearson Higher National Diploma in Electrical and Electronic Engineering is designed to strengthen the development of professional, self-reflective individuals who can meet the evolving demands of employers in the fast-paced engineering sector. This qualification also seeks to broaden access to higher education and improve the career prospects of those who pursue it.

PROGRAMME MODULES:

Engineering Design

Engineering Mathematics

Engineering Science

Managing a Professional Engineering Project

Electrical and Electronic Principles

Digital Principles

Electronic Circuits and Devices

Programming for Engineers

Professional Engineering Management

Further Engineering Mathematics

Further Programmable Logic Controllers

Further Electrical Machines and Drives

Further Engineering Mathematics

Industrial Power, Electronic and Storage

Embedded Systems
Analogue Electronic Systems

Engineering Project

ENTRY QUALIFICATIONS

■ G.C.E. A/L in Maths or Technology Stream.

■ Foundation in Engineering (SCOT Campus) or,

- Edexcel / Cambridge A/L with Maths & Physics Subjects.
- Any other Equivalent Qualification.

DELIVERY OPTIONS

Mode of Study

Course Duration

| Online Study

| Full Time - 12 Months | Part Time - 18 Months

INTAKES

January | April | July | October

HND in MECHATRONICS

The Pearson Higher National Diploma (HND) in Mechatronics is designed to develop professional, self-reflective individuals equipped to meet the demands of employers in the dynamic engineering sector. It prepares students to adapt to a rapidly evolving world, while also expanding access to higher education. This qualification aims to enhance career prospects for individuals pursuing careers in the Mechatronics field.

PROGRAMME MODULES:

Engineering Mathematics

Engineering Science I

Engineering Design

Managing a Profesional Engineering Project

Mechatronia

Mechanical Principles

Computer Aided Design (CAD) for Engineering

Programming for Engineers

Professional Engineering Management

Engineering Project

Further Engineering Mathematics

Further Programmable Logic Controllers (PLCs)

Further Electrical Machines and Drives

Industrial Systems

Embedded Systems

Sensors and Automation

HND in MECHANICAL ENGINEERING

The purpose of Pearson HND in Mechanical Engineering is to develop students as professional, self-reflecting individuals who are able to meet the demands of employers in the rapidly evolving engineering sector and adapt to a constantly changing world. This qualification also aims to widen access to higher education and enhance the career prospects in the Mechanical Engineering sector of those who undertake them.

PROGRAMME MODULES:

Engineering Design

Engineering Mathematics

Engineering Science

Managing a Professional Engineering Project

Mechanical Principles

 $\label{thm:condition} \textbf{Fundamentals of Thermodynamics and Heat Transfer}$

Instrumentation and Control Systems

Computer Aided Design (CAD) for Engineering

Professional Engineering Management

Advanced Mechanical Principles

Computational Modelling in Virtual Engineering

Further Engineering Mathematics

Manufacturing Systems Engineering
Further Control Systems Engineering

Thermo Fluids

Engineering Project

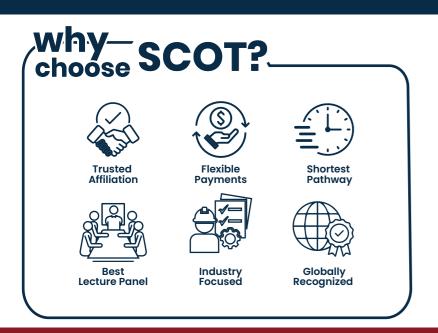


Founded in 2003, SCOT Campus has become the best choice for students seeking a world-class education. Renowned for its commitment to quality assurance and teaching excellence, SCOT creates a vibrant and supportive learning environment where students thrive. With state-of-the-art facilities, ongoing infrastructure upgrades, and strong partnerships with top universities, SCOT ensures students have access to the best resources and opportunities. Our team of highly qualified faculty members is dedicated to providing an inspiring and enriching academic experience, preparing students for success in their careers and beyond.

TVEC APPROVED



Pearson is the UK's largest awarding body and is regulated by Ofqual (England), SQA Accreditation (Scotland), CCEA Accreditation (Northern Ireland), and Qualifications Wales (Wales). Pearson offers academic and vocational qualifications that are globally recognized and benchmarked, with educational excellence while developing World Class Qualifications that empower learners to develop important skills to make progress in their lives through learning.



CONTACT US

No. 102, Stanley Thilakarathne Mw, Nugegoda, Sri Lanka

(+94 | 1 | 7 | 622 | 611 | +94 | 77 | 362 | 0362 |

www.scot.lk

TESTIMONIALS



During my studies at SCOT Campus, lecturers supported and advised me to excel in my pathway in the Electrical and Electronic Field.

Chamika Wijesinghe Electrical and Electronic Engineering



Joining the robotics was a turning point for me. I embarked on a journey filled with learning and growth.

> Aneeka Gajamange Mechatronics



I could practically implement my gathered knowledge in the mechatronics programme and utilize the experience in inter-university robotic competitions to achieve victories.

> Pawan Kavinda Mechatronics



SCOT Campus is a great environment to learn and the knowledge we are gaining is on par with the demands of the job market. With high-end laboratory facilities and comfortable classrooms, it is interesting to study at SCOT Campus.

Vishvani Abeygunawardhana

Civil Engineering

UNLEASHING POTENTIAL | SHAPING FUTURES



Engineering Quantity Surveying

Programmes at

