

# 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.
- Edexcel / Cambridge A/L with Maths & Physics Subjects.
- Foundation in Engineering (SCOT Campus) or,
- Any other Equivalent Qualification.

# DELIVERY OPTIONS

## Mode of Study

| Online Study

## Course Duration

| 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
Mechatronics
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
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.

## why— choose SCOT?



Trusted  
Affiliation



Flexible  
Payments



Shortest  
Pathway



Best  
Lecture Panel



Industry  
Focused



Globally  
Recognized

### **CONTACT US**

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🌐 [www.scot.lk](http://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



# HND<sup>in</sup> Engineering Quantity Surveying

## Programmes at



UNLEASHING POTENTIAL | SHAPING FUTURES