



THE
GUARDIAN
UK UNIVERSITY
RANKED



STUDY WORLD
Lanka Campus



Pearson



BEng (Hons) ELECTRICAL & ELECTRONIC Engineering

Why Should I Choose

STUDY WORLD LANKA CAMPUS



A state-of-the-art campus with exceptional higher education programs affiliated to Pearson and the University of Bolton that satisfy global standards.

At SWLC, Students have a wide range of undergraduate and postgraduate programmes to choose from the domains of Business, Engineering, Computing & Accountancy.

Study World Lanka Campus is a member of the Study World Group which has vast experience in delivering transnational education across India, UAE, Malta and Sri Lanka.



Why Should I Choose

UNIVERSITY OF BOLTON

A Public University in Greater Manchester, England.

Ranked among Top 40 in UK, out of 121 Universities listed in The Guardian University Guide 2023.

It has over 30,000 Local and International students.

It offers an exciting and challenging student experience with high levels of proactive student.

A teaching intensive, Research informed higher Education Institution whose distinctive high quality, student-focused, undergraduate, and postgraduate programme attract students from all over the world.



Be

Educated

and Feel

Empowered



BEng (Hons) Electrical & Electronic Engineering

Our programme is one of the most advanced and highly recognised courses with specialized modules that are in-line with the latest technologies and methods. Our experienced professionals and academics will support you throughout your degree and will allow you to get the most out of your lectures and seminars.

PROGRAMME DETAILS



DURATION
3 Years



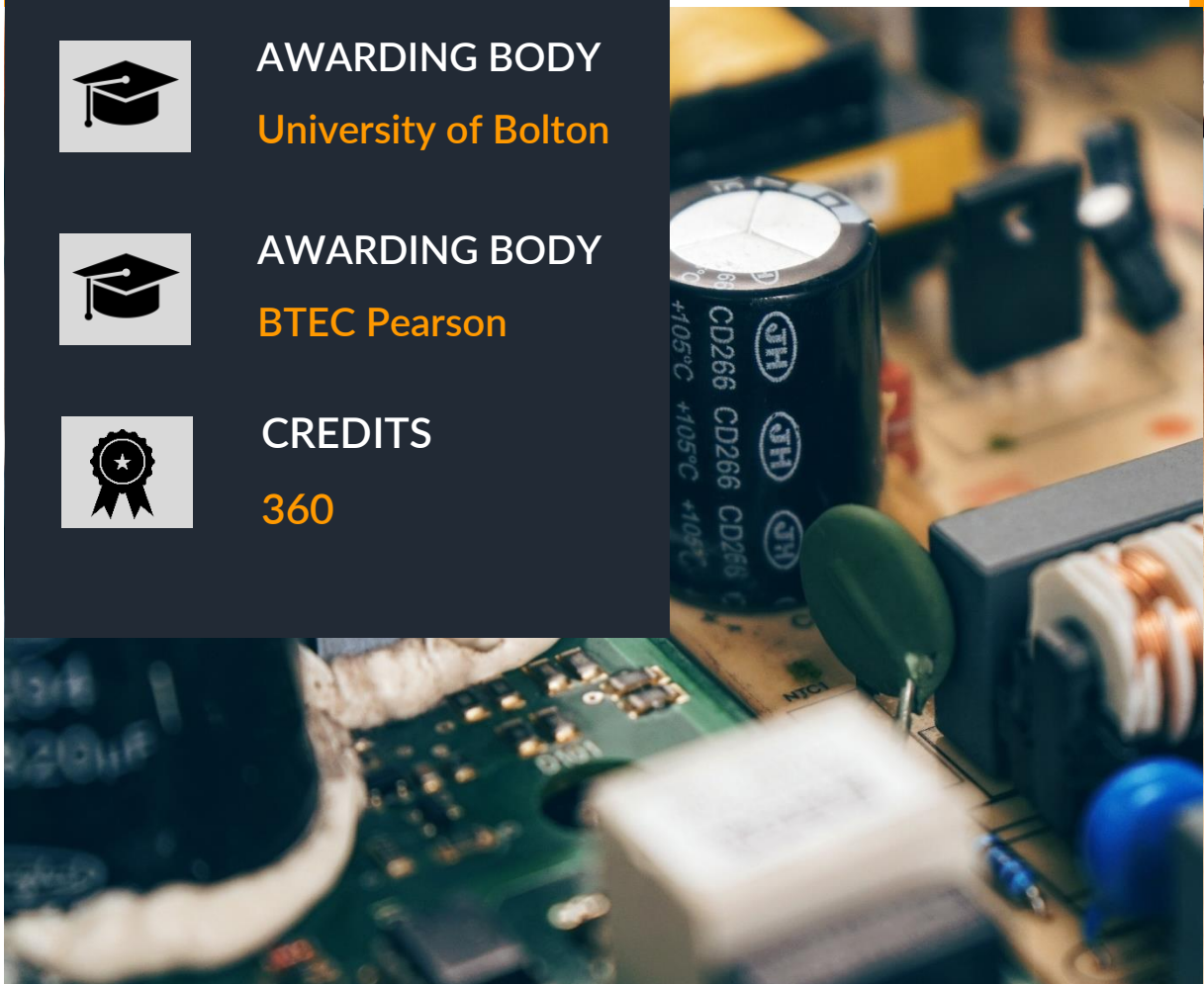
AWARDING BODY
University of Bolton



AWARDING BODY
BTEC Pearson



CREDITS
360



MODULE DETAILS

First Year

Semester One
Semester Two

Module 1	Engineering Mathematics
Module 2	Electrical & Electronic Principles (Basics)
Module 3	Mechanical Principles
Module 4	Principles and Applications of Fluid Mechanics
Module 5	Thermodynamic Principles and Practice
Module 6	Computer Aided Design in Engineering
Module 7	Computer Programming
Module 8	English Language & Communication
Module 9	Engineering Design
Module 10	Engineering Maths
Module 11	Engineering Science
Module 12	Managing a Professional Engineering Project
Module 13	Electrical and Electronic Principles

Second Year

Semester Three
Semester Four

Module 14	Renewable Energy
Module 15	Automation, Robotics and Programmable Logic Controllers
Module 16	Instrumentation and Control Systems
Module 17	Research Project
Module 18	Professional Engineering Management
Module 19	Further Mathematics
Module 20	Industrial Power, Electronics and Storage
Module 21	Industrial Systems
Module 22	Embedded Systems
Module 23	Heating, Ventilation, Air Conditioning

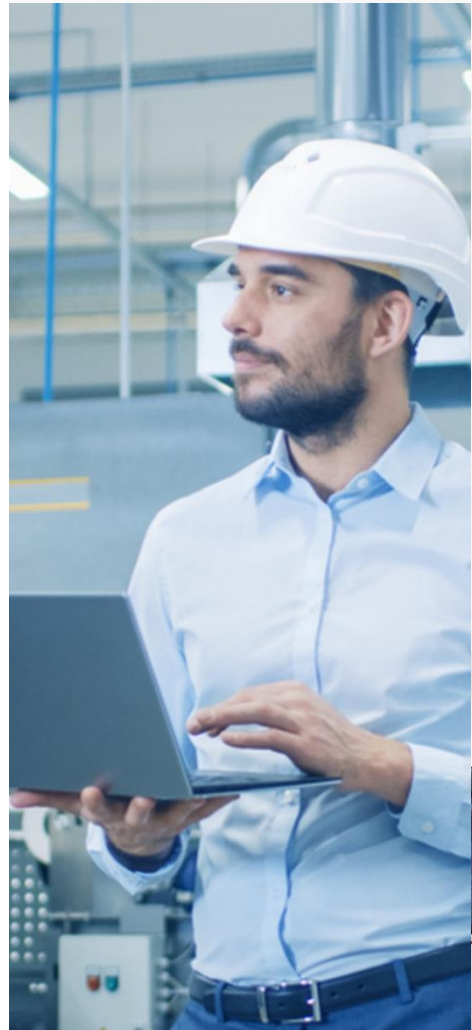
Third Year

Semester Five
Semester Six

Module 24	Engineering Mathematics & Power Electronic
Module 25	Electrical Machines & Power Electronic Drives
Module 26	Management & Enterprise in Engineering
Module 27	Engineering Electromagnetism
Module 28	Power Systems & Smart Grids
Module 29	Design & Individual Project

ENTRY CRITERIA

- GCE A/L – 2 Simple Passes in Mathematics / Science / Technology stream.
- GCE A2 Level – 2 Simple Passes in Mathematics / Science / Technology stream.
- Any relevant qualification which can be approved by SWLC Academic Department.



CAREER OPTIONS

- Electrical Engineer
- Electronic Engineer
- Design Engineer
- Maintenance Engineer
- Power Distribution Engineer
- Control Engineer
- Project Engineer

SWLC STUDENTS' LIFE



FEES STRUCTURE

- SWLC Application & Registration Fee
 - Pearson & Bolton Registration Fee
 - SWLC Course Fee
-
- Flexible Payment Options.
 - Fees payable for re-sit or additional examinations and repeat modules are not included in course fees.
 - For Fee details and discounts, Contact SWLC Admissions Department.



STUDY WORLD LANKA CAMPUS
282/1, HIGH LEVEL RD, NUGEGODA, SRI LANKA.



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