



for Vocational Education - للتعليم المهني

Pearson BTEC Level 5 Higher National Diploma in Electrical and Electronics Engineering

PROGRAM OUTLINE

This Higher National qualification in Electronic and Electrical 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.

ENTRY REQUIREMENTS



Academic Requirement

- Grade 12 Highschool Certificate with Pass Grade or Level 3 Vocational qualification in the relevant field.

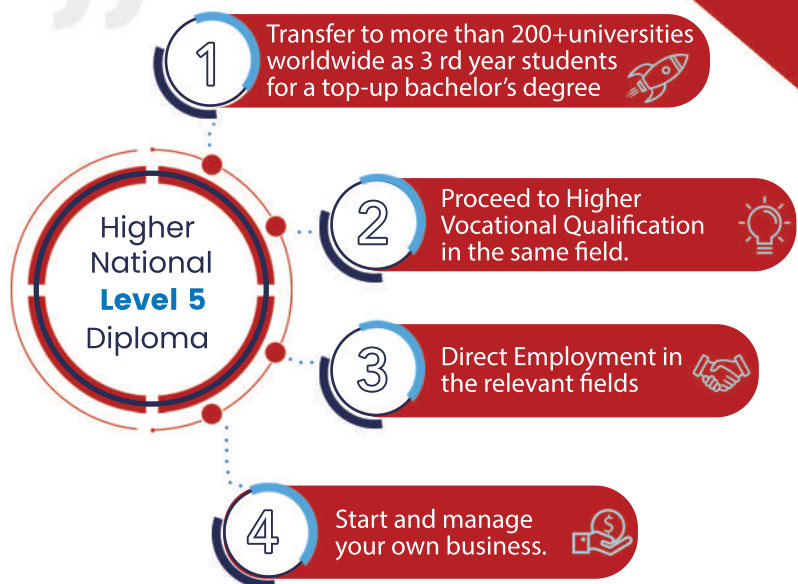


English Language Requirement

(Can be achieved during the study period)

Non-native English speakers and who have not carried out their final two years of schooling in English can demonstrate ability at a standard equivalent to:

- PTE Academic 51, or
- IELTS 5.5 (reading and writing must be at 5.5)



BTEC Higher National Diploma is a UK Level 5 Vocational Education Qualification

Awarded by



Regulated by



Approved by



ALDAR Academy

Dubai - United Arab Emirates



CAREER OPPORTUNITIES

By the end of this program the learners will be able to work as:

- Electrical Engineer
- Control and Instrumentation Technician
- Electrical Control Engineering Technician
- Electrical Distribution Designer Technician
- Electrical Project Engineering Technician
- Electrical Design Engineering Technician
- Electrical/Electronic Technician
- Electrical/Electronic Installation Technician
- Electrical/ Electronic Test Technician
- Energy Technician
- Entrepreneur
- Field Service Engineering Technician
- Maintenance Engineering Technician
- Service Engineering Technician



for Vocational Education - للتعليم المهني

STUDY PLAN

- Total Guided Learning Hours (GLH) Higher National Diploma (HND) = 960 hours
- Qualification credit value of 240 credits of which 120 credits are at Level 5, and 120 credits are at Level 4
- Total Qualification Time (TQT) Higher National Diploma (HND) = 2,400 hours
- There is a required mix of core, specialist, and optional units.

YEAR 1	YEAR 2
Engineering Design	Research Project
Engineering Math	Professional Engineering Management
Engineering Science	Further Mathematics
Managing a professional Engineering project	Industrial Power, Electronics and Storage
Electrical and Electronic Principles	Industrial systems
Electrical Systems and Fault Finding	Further Electrical Machines and Drives
Instrumentation and control systems	Further Control Systems Engineering
Renewable Energy	

CONTACT US



04 282 6880



info@ALDAR.ac.ae
www.ALDAR.ac.ae



ALDAR Academy
Dubai - United Arab Emirates

