

FOUNDATION DEGREE  
IN ENGINEERING  
(ELECTRICAL POWER SYSTEMS & INFRASTRUCTURE)

# FOUNDATION DEGREE IN ENGINEERING (ELECTRICAL POWER SYSTEMS & INFRASTRUCTURE)



THE FOUNDATION DEGREE IN ELECTRICAL POWER SYSTEMS & INFRASTRUCTURE PROVIDES A HIGHER EDUCATION ENGINEERING EXPERIENCE.

THE COURSE HAS BEEN DESIGNED TO PROVIDE A COMBINATION OF EXTENSIVE PRACTICAL WORK SUPPORTED BY ACADEMIC STUDIES WITH A UNIQUE EXPERIENCE WITHIN THE NATIONAL COLLEGE FOR NUCLEAR NORTHERN HUB.

The aim of the programme is to provide work ready technicians and engineers with the relevant skills, knowledge and behaviours to work within a highly technical environment.

## TOPIC AREAS INCLUDE:

- Engineering Mathematics
- Energy Generation
- Electrical & Mechanical Science
- Control Systems & Instrumentation
- Power Systems
- Nuclear Science & the Nuclear Industry
- Fluid & Thermodynamics
- Power Transmission & Distribution

## ENTRY SPECIFICATIONS:

A suitable Level 3 qualification (equivalent to 48 UCAS points) or a Level 3 National College for Nuclear Access to Nuclear Engineering and Science.

## DURATION:

2 years full time or 3 years part time (block release delivery).

## COST:

£12,000  
(all costs are subject to slight changes).

## WHAT COMES NEXT?

The programme is designed for individuals who may be looking for employment or already employed within the power industry.

It provides a thorough background in power engineering enabling the student to select a specific pathway relevant to their employment aspiration and/or local employment demand.

This course is verified by the University of Cumbria.

University of  
**Cumbria** 

FOR MORE INFORMATION  
OR TO APPLY  
VISIT [WWW.LCWC.AC.UK](http://WWW.LCWC.AC.UK)  
OR CALL 01946 839300

**Adult Skills**  
at Lakes College 