



ECITB LEVEL 3

DESIGNED BY INDUSTRY, FOR INDUSTRY

- CERTIFICATE IN NUCLEAR ENGINEERING AND SCIENCE
- DIPLOMA IN NUCLEAR ENGINEERING AND SCIENCE
- DIPLOMA IN INTEGRATED NUCLEAR ENGINEERING AND SCIENCE

These courses are designed specifically by the National College for Nuclear to provide an opportunity for learners to gain access to a degree level qualification in a nuclear related subject. This includes study program options such as:

DIPLOMA IN INTEGRATED NUCLEAR ENGINEERING AND SCIENCE FULL TIME

36 WEEKS

for students who are looking for entry to a nuclear related degree and enhancing prospects of entry to the nuclear industry

48 UCAS points

DIPLOMA IN NUCLEAR ENGINEERING AND SCIENCE FULL TIME

18 WEEKS

for students who have a level 3 qualification e.g. completed A levels or BTEC but wish to enter a nuclear related degree

32 UCAS points

CERTIFICATE IN NUCLEAR ENGINEERING AND SCIENCE PART TIME

18 WEEKS

for students who have a level 3 qualification, are in current employment and looking to undertake a nuclear related degree

16 UCAS points

ENTRY REQUIREMENTS

Minimum of 5 GCSEs at Grade C, which should include maths and a science related subject.

WHAT WILL I STUDY?

FULL TIME - INTEGRATED DIPLOMA IN NUCLEAR ENGINEERING AND SCIENCE (36 WEEKS)

CORE UNITS	
Nuclear Science and the Nuclear Industry	
Mathematics for Nuclear Engineering and Science	
Physical Chemistry for Nuclear Technicians	
Electrical Science for Nuclear Technicians	
Mechanical Science for Nuclear Technicians	
Technical Report Writing	
Introduction to Organic & Inorganic Chemistry	
Physical Chemistry for Nuclear Technicians	
Instrumentation for Nuclear Technicians	
Control Systems for Nuclear Technicians	
Chemistry Practical	
Engineering Science Practical	
Radiological Measurement & Protection	

FULL TIME - DIPLOMA IN NUCLEAR ENGINEERING AND SCIENCE (18 WEEKS)

CORE UNITS	
Nuclear Science and the Nuclear Industry	
Mathematics for Nuclear Engineering and Science	
Technical Report Writing	
Introduction to Radiological Measurement & Protection	
NUCLEAR SCIENCE	NUCLEAR ENGINEERING
Physical Chemistry for Nuclear Technicians	Electrical Science for Nuclear Technicians
Introduction to Organic & Inorganic Chemistry	Mechanical Science for Nuclear Technicians
Chemistry Practical	Engineering Practical
Instrumentation for Nuclear Technicians	Instrumentation for Nuclear Technicians

PART TIME - CERTIFICATE IN NUCLEAR ENGINEERING AND SCIENCE (18 WEEKS)

CORE UNITS	
Nuclear Science and the Nuclear Industry	
Mathematics for Nuclear Engineering and Science	
ACCESS TO NUCLEAR SCIENCE	ACCESS TO NUCLEAR ENGINEERING
Physical Chemistry for Nuclear Technicians	Electrical Science for Nuclear Technicians or Mechanical Science for Nuclear Technicians

FEE INFORMATION

For program fee information and information on financial support, contact our Student Services team on 01946 839300