

# DISCOVER...



The Department of  
**ELECTRICAL,  
INSTRUMENTATION  
& CHEMICAL  
ENGINEERING**



[www.forthvalley.ac.uk](http://www.forthvalley.ac.uk)



Forth  
Valley  
College

Making Learning Work

# EXCELLENT REPUTATION AS A PROVIDER OF HIGH QUALITY EDUCATION AND TRAINING

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## KEY SUBJECT AREAS

### ELECTRICAL ENGINEERING

### INSTRUMENTATION ENGINEERING

### CHEMICAL ENGINEERING

## QUALIFICATIONS

- Highers
- National Qualifications (NQ)
- National Certificates (NC)
- Higher National Certificates (HNC)
- Higher National Diplomas (HND)
- Scottish Vocational Qualifications (SVQ)
- Masters Degree
- City & Guilds Qualifications
- Skills for Work

## SPECIALIST COURSES

- HN Industrial Biotech
- Instrumental Chemical Analysis
- PDA Project Management

## SPECIALIST FACILITIES

- Industry standard workshops for Electrical, Instrumentation and Chemical Engineering
- Measurement and Control Instrumentation Workshop
- 3 Phase Motor Control Centre
- Virtual Offshore Control Room
- Process Rig
- Process Training Plant
- Overhead Lines Training Facility



**£1.5MILLION INVESTED IN FACILITIES RECENTLY**

**STAFF HAVE A WEALTH OF INDUSTRIAL KNOWLEDGE AND EXPERIENCE**

**FIRST CLASS TEACHING FACILITIES**

## **KEY PARTNERSHIPS/ INDUSTRY LINKS**

- Oil and Gas Academy Scotland (OGAS)
- Scottish Power
- SPIE ENS
- ESP
- Ineos
- BP
- Shell
- Exxon
- ADL
- Diageo
- GSK
- CompEx

## **EXAMPLE CAREER PATHS**

- Technician
- Electrician
- Chemical Engineer
- Process Engineer

## **USEFUL DEPARTMENT INFORMATION**

- Forth Valley College has STEM Assured Status, the industry-led quality mark for STEM training awarded by the New Engineering Foundation (NEF)
- Forth Valley College is also one of six members of the Oil and Gas Academy for Scotland (OGAS) and plays a key role within the Energy Skills Partnership (ESP) group
- A member of the team won 'Most Innovative Teacher in the UK' award at the TES UK Further Education Awards 2014
- Scottish Power Transmission Training Facility at Falkirk Campus
- CompEx Centre for Electrical Safety Training at Falkirk Campus

**STEM ASSURED STATUS**

THE INDUSTRY-LED QUALITY MARK FOR STEM TRAINING



**ARTICULATION LINKS**

- GLASGOW CALEDONIAN UNIVERSITY
- THE UNIVERSITY OF STRATHCLYDE
- NAPIER UNIVERSITY
- HERIOT WATT UNIVERSITY

# OUR STUDENTS SAY...

"It's been fantastic. The staff are brilliant, my fellow students were brilliant and it was a fantastic experience. I would recommend it to anyone."

**Jennifer Love, HND Electrical Engineering**



**EXTENSIVE RANGE OF COURSES FROM  
ACCESS TO DEGREE LEVEL**

**CLOSE LINKS WITH MAJOR COMPANIES**

**SIGNIFICANT EXPERTISE IN DELIVERING  
SKILLS FOR THE OIL AND GAS INDUSTRY  
DUE TO THE COLLEGE'S CLOSE PROXIMITY  
TO THE GRANGEMOUTH STRIP**

**ONE OF SIX MEMBERS OF THE OIL AND  
GAS ACADEMY FOR SCOTLAND (OGAS)**

**KEY ROLE WITHIN THE ENERGY SKILLS  
PARTNERSHIP (ESP)**



## **Head of Department**

Dean Williams

## **Curriculum Managers**

Mhairi Hay

Barkha Pabra

Robert Simpson

William Forrest

## **Department Administrator**

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