

# DISCOVER...



The Department of  
**APPLIED SCIENCE,  
MATHS & MECHANICAL  
ENGINEERING**



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



Making Learning Work

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

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## KEY SUBJECT AREAS

**APPLIED BIOLOGICAL SCIENCE**

**MATHS**

**MECHANICAL ENGINEERING**

**MANUFACTURING ENGINEERING**

**FABRICATION & WELDING**

## COURSES & QUALIFICATIONS

- National Qualifications (NQ)
- National Certificates (NC)
- Higher National Certificates (HNC)
- Higher National Diplomas (HND)
- Integrated Degree
- Vocational Qualifications (VQs)
- Modern Apprenticeships
- Microbiology in Effluence
- Safety in Microbiology
- Industry Tailored Mechanical Transformation Reskilling Programmes

## SPECIALIST FACILITIES

- Mechanical Maintenance Workshops
- Machine Shop
- Fabrication & Welding Workshop
- Biotechnology Laboratories
- Microbiology Training Room
- Instrumentation Laboratory



**FINALIST IN THE 'MOST INNOVATIVE  
TEACHER' CATEGORY AT TES  
UK AWARDS 2014**

**SPECIAL COMMENDATION  
FOR SQA 'STAR' AWARD**

**FIRST  
CLASS  
TEACHING  
FACILITIES**

## **KEY PARTNERSHIPS/ INDUSTRY LINKS**

- Ineos
- BP
- Diageo
- Scotrail
- FMC
- GSK
- Scottish Power
- SGN
- Synenta
- WGM
- ADL
- Exxon
- Shell
- Ingenza
- Scottish Water
- Charles River
- Omega Diagnostics
- J&J
- Valneva
- SASA
- Centre for Regenerative Medicine

## **EXAMPLE CAREER PATHS**

- Mechanical Engineer
- Welder
- Fabricator
- CNC Machinist
- Mechanical Fitter
- Research Scientist
- Scientific Technician
- Laboratory Technician
- Microbiologist
- Haematologist
- Virologist

**STEM  
ASSURED  
STATUS**

**THE INDUSTRY-LED QUALITY MARK FOR STEM TRAINING**



## **ARTICULATION LINKS**

- STIRLING UNIVERSITY
- HERIOT WATT UNIVERSITY
- GLASGOW CALEDONIAN UNIVERSITY

# OUR STUDENTS SAY...

"The facilities in this department are fantastic and I can't speak highly enough about the lecturers, they have given me so much support over the time I have been there. I certainly would recommend FVC."

**Lyndsay McCallum, HNC Applied Biological Science**



**OUR STUDENTS BENEFIT FROM  
CONTEXTUALISED LEARNING  
AND WORK PLACEMENTS**

**STRONG LINKS TO FUTURE EMPLOYMENT**

**STAFF HAVE A VAST RANGE OF  
INDUSTRY EXPERIENCE**

**DIVERSE SUBJECT AREAS**

**THE DEPARTMENT WORKS CLOSELY WITH  
LOCAL, NATIONAL AND INTERNATIONAL  
EMPLOYERS TO ENSURE THAT COURSES  
MEET INDUSTRY STANDARDS**



**Head of Department**

Kenny MacInnes

**Curriculum Managers**

Fiona Jackson  
Dougie Ross  
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