



# Modern Apprentice - Technical

Department	Chemical and Process Engineering ( <a href="http://www.strath.ac.uk/engineering/chemicalprocessengineering/">www.strath.ac.uk/engineering/chemicalprocessengineering/</a> )		
Faculty	Faculty of Engineering ( <a href="http://www.strath.ac.uk/engineering/">www.strath.ac.uk/engineering/</a> )		
Staff Category	Technical Services	Reference No	638928
Reports To	Workshop Manager	Grade	Modern Apprentice
Salary Range	£21,900 - £21,900	Contract Type	Open Contract
FTE	1 (35 hours/week)	Closing Date	29/09/2024
Working Arrangements	Fully On-site. Due to the nature of this role, it is based fully on-site.	On Site Facilities	Car parking, sports centre, catering.
Holidays	27 days + 11 statutory days Option to purchase additional holidays.		
Pensions	Contributory pension scheme available to all staff including generous employer contribution.		
Training	Professional Development with <a href="#">Organisational and Staff Development Unit</a> (OSDU) plus external training if required.		
Family Friendly Benefits	Generous parental leave provision, on-campus nursery and options for flexible working.		
Health and Wellbeing	University Sport centre, Occupational Health service, access to health and wellbeing events, cycle to work scheme, Employee Assistance Programme, agile working and established carers support network and carer friendly policies.		

## Job Advert

The Department of Chemical & Process Engineering (CPE) is seeking to appoint a modern apprentice who will provide support for a broad range of technical activities as part of the department's technical team. The post holder will take on technical duties in the departmental workshop, including the use of machinery such as lathe; milling machine; bandsaws; pedestal drills; power tools and hand tools and will support the Undergraduate programme by carrying out maintenance on equipment and providing support during practical classes. As part of the technical team, the post holder would also be trained with the aim of providing high quality technical support for stakeholders within the department e.g. research groups and undergraduate programs.

Minimum of 4 Nat 5's at A, B and C (or equivalent) which must include English, Mathematics, with Physics/technical or design related subject.

The Modern Apprenticeship programme is co-ordinated within the University and gives the successful candidate an opportunity to "earn and learn" as they will achieve an SQA qualification during the 3-year programme.

## Job Description

### Brief Outline of Job:

The postholder will join the department's technical team which provides support for the department's key areas of business including teaching and learning, research, and knowledge exchange. After a suitable period of training the Modern Apprentice candidate will be expected to make a progressive contribution to the provision of high-level customer support in the technical functions to our undergraduate, Postgraduate and research students. The candidate will also assist in ensuring appropriate responsive technical services are available to facilitate a vibrant and productive research and knowledge exchange community. The candidate will also develop new skills in the areas of CAD/CAM, CNC, metrology, and other advanced manufacturing techniques to add to and contribute to the overall faculty technical pool of expertise.

### Main Activities/Responsibilities:

1.	Operation of traditional tool room and fabrication machinery including Mills, Lathes, grinding and drilling under the guidance and supervision of senior members of the team.
2.	With guidance as required, operate CNC and other computer aided manufacturing technology.
3.	Assist with the maintenance of workshop machinery and equipment.
4.	Assist in the practical support for students and research project activities including any and all manufacturing tasks.
5.	Assist students and staff to locate materials and equipment they may require.
6.	Comply with relevant health and safety procedures affecting the laboratory environment.
7.	Assist in generating Computer Aided Design (CAD) components and drawings.
8.	Provide technical advice and support for student and research activities
9.	Other duties deemed appropriate by line manager

## Person Specification

### Educational and/or Professional Qualifications

(E=Essential, i.e. a candidate must meet all essential criteria to be considered for selection, D=Desirable)

E1 Minimum of 4 Nat 5's at A, B and C (or equivalent) which must include English, Mathematics, with Physics/technical or design related subject.

D1 NC/HNC in engineering discipline

### Experience

D2 Previous experience within Manufacturing/workshop environment.

E2 IT proficiency on computer packages.

E3 Ability to exchange factual information, verbally and in writing.

### Job Related Skills and Achievements

E4 Strong communication skills.

E5 Strong numeracy skills.

E6 Strong organisational skills.

D3 Knowledge and experience of CAD software

D4 Knowledge and experience of engineering drawings

D5 Knowledge and experience of machine tools

### Personal Attributes

E7 Willing to learn new skills.

E8 Hard working and enthusiastic.

E9 Ability to work and communicate as part of a team.

E10 Attention to detail, ability to work accurately.

D6 Good customer service skills.

### Other Relevant Factors

E11 A degree of physical effort may be required, e.g. lifting/carrying, cleaning. May involve some exposure to an unfavourable working environment, e.g. exposure to chemicals, heat, dust or detergents.

## Application Procedure

Applicants are required to complete an application form including the name of two referees who will be contacted without further permission, unless you indicate that you would prefer otherwise. Applicants should also complete the Equal Opportunities Monitoring Form.

## Other Information

Further information on the application process and working at Strathclyde can be found on our website (<http://www.strath.ac.uk/hr/workforus>).

Informal enquiries about the post can be directed to Matthew Kidd, Infrastructure Manager ([matthew.kidd@strath.ac.uk](mailto:matthew.kidd@strath.ac.uk)).

### Conditions of Employment

Conditions of employment relating to the Technical Services staff category can be found at: [Conditions of Employment](#).

### Rewards and Benefits

Our staff have access to a wide range of outstanding benefits that include financial rewards, family friendly and wellbeing benefits and career development opportunities, details of which can be found [here](#).

### Probation

Where applicable, the successful applicant will be required to serve a 6 month probationary period.

### Pension

The successful applicant will be eligible to join the Local Government Pension Scheme (LGPS) in Scotland. Further information regarding this scheme is available from [Payroll and Pensions](#).

### Relocation

Where applicable, the University offers a relocation package to support new employees who meet the eligibility criteria. The relocation package is offered as a contribution towards costs incurred, and is designed to be flexible, allowing staff to use the financial support available in the way that will be most helpful to them. Further details are outlined in the Relocation Policy.

### Interviews

Formal interviews for this post will be held on 14/10/2024.

### Equality and Diversity

The University of Strathclyde is a socially progressive institution that strives to ensure equality of opportunity and celebrates the diversity of its student and staff community. Strathclyde is people-oriented and collaborative, offering a supportive and flexible working culture with a deep commitment to our equality, diversity and inclusion charters, initiatives, groups and networks.

We strongly encourage applications from Black, Asian and minority ethnicity, women, LGBT+, and disabled candidates and candidates from lower socio-economic groups and care-experienced backgrounds.

### University Values

The University's Values capture what we're all about: who we are, what we believe in and what we stand for. [Our Values](#) have been derived from how we act and how we expect to be treated as part of Strathclyde.

