

Course Title:	Level 2 Diploma in Performing Engineering Operations
Title of qualification to be gained (if any):	Level 2 NVQ Diploma in Performing Engineering Operations (QCF)
Awarding Body (if any):	EAL
Essential materials: Personal Protective equipment (£50 - £100) -the UTC has stock to purchase.	

Course Aims
This course is designed to prepare students to meet the increasing demand for engineers. It forms a major component of SEMTA's Engineering Apprenticeship Framework and allows progression onto a variety of other Level 3 Engineering related qualifications.
Course Description
This qualification covers the fundamental skills and knowledge common to all engineering practices, including health and safety requirements and communicating engineering information. It offers an extensive choice and flexibility for learners to demonstrate competence in one or more of a broad variety of engineering activities. The qualification also caters for those providing technical support, including project planning and contributing to business improvement.
Entry Requirements
Students require a minimum of 3 A*-C GCSE grades or equivalent
Who is the course for?
This qualification is for individuals who wish to acquire engineering competencies in a realistic, sheltered and controlled environment such as that offered by the UTC. This will then enable a safe progression into the workplace/employment.
Main topics covered
See course description.
Learning Outcomes
Students will develop a broad range of practical skills required by an Engineer. They will gain the underpinning knowledge and specific skills needed to meet the needs of modern mechanical engineering industries.
Teaching and learning methods used
Learning will include 'hands on' practical sessions, lectures, discussions, group work, written activities and the use of technology for modelling, designing, drawing and manufacturing.

How your work will be assessed

The qualification is assessed by holistic assessment; portfolio of evidence (could be electronic) ; verbal questioning; witness testimony; knowledge and understanding.

Suggested progression routes

Performing Engineering Operations at Level 2 forms a major component of SEMTA's Engineering Apprenticeship Framework and allows progression onto a variety of other Level 3 Engineering related qualifications.

Pre-course reading/preparation

Participation in design and technology and/or engineering related activities and general reading about engineering related topics.