

# PERFORMING ENGINEERING OPERATIONS

## NVQ Diploma

Subject Area	Qualification	Level	Awarding Body
Mechanical Engineering	NVQ Diploma in Performing Engineering Operations	Level 2	EAL (EMTA Awards Limited)

### Course Summary

The programme is designed for young people aged 16-19 (mature applicants are welcome) to prepare them for future study and a career in mechanical engineering. This course allows students to gain knowledge and experience of a range of mechanical engineering disciplines.

### How will I be assessed?

The course is made up of 6 interlinked units; each unit is assessed by a range of methods including practice activities, written assessments, role play and discussions. Together these assessments form a portfolio of evidence.

### Entry Requirements

This course is designed for learners with 4 GCSE's at grade D or equivalent and all applicants will be considered on an individual basis. Students are required to be self-motivated and to take a degree of responsibility for their own learning.

### How much time will I spend on the course?

The time table will consist of 6 units, group and individual tutorials Functional Skills and the additional qualification; City and Guilds Certificate in Engineering Level 2 (2800). This will be spread over three days.

### How is the course taught?

There is a variety of methods including practical workshops sessions and formal workshop related theory sessions. Students are required to work individually and as part of a team.

### Where is the course taught?

This is a one year course based at the Bromsgrove Campus.

### Who is this course suitable for?

This course is suitable to anyone with an interest in mechanical engineering or manufacturing related industries.

### What materials do I have to provide?

Students will need to be prepared with writing materials (pen, pencil, ruler, writing pad and a scientific calculator), steel toe cap safety shoes/boots and overalls.

### Are there any additional costs or specialist equipment required?

All students need to provide a £10 deposit for the locker key, this would be returned after the key is returned.

\*You may be able to get help with the costs from the College's Learner Support Fund. More details are available from the Student Advice Guidance and Support team (01527) 572691.

### What are the mandatory modules or units?

- Preparing and using lathes for turning operations
- Preparing and using milling machines
- Working safely in an Engineering environment
- Working efficiently and effectively in engineering
- Using and communicating technical information
- Producing sheet metal components and assemblies

### What can I do after this course?

Students achieving the full qualification may progress onto a relevant level 3 qualification subject to successful interview. Students may choose to either continue onto the level 3 BTEC diploma or the City and Guilds 2800 level 3 courses. An NVQ level 3 work-based qualification is also a possible career progression path subject to employment.

### What careers would this course be useful for?

The knowledge and experience developed within the course can be useful when seeking employment in many mechanical engineering related industries such as aerospace, manufacturing, service and maintenance.

## **How do I apply / join this course?**

You first need to complete an application form. You can find a form in the back of the Prospectus or you can call our Information Centre on (01527) 570020 and they will send you a form in the post. Alternatively you can complete the form on-line by visiting the College's website [www.ne-worcs.ac.uk](http://www.ne-worcs.ac.uk).

Once we have your form we will invite you to come into College and meet with a member of our teaching Team so you can ask any other questions you have. Usually at this meeting we will either offer you a place on the course you have applied for or, in some cases an alternative course.

## **Can I get any financial support with the costs of study?**

From September 2011, young people who need financial support to help them stay in Education or training after 16 can apply to NEW College for the new 16-19 Bursary Fund.

Those most in need will be eligible for a bursary of £1200 a year. This includes young people in care, care leavers, young people receiving income support and disabled young people receiving both Employment Support Allowance and Disability Living Allowance. Young people eligible for income support will include some teenage parents, young people estranged from their families, and those whose parents have died.

Other students facing financial difficulties may also be able to claim a bursary to help with costs of transport, food, equipment or other course-related costs.