

COURSE INFORMATION



University
Centre
Somerset

Part of Bridgwater & Taunton College

Engineering Advanced Manufacturing Level 4

Subject:	Engineering
Type:	Level 4 Diploma
Course Code:	TEH156B/NM1
Attendance:	Part Time
Location:	Bridgwater
Awarding body:	City & Guilds

Who is this course for?

The City & Guilds Advanced Engineering is a part-time, two year, one day a week course designed to meet the needs of those looking to learn, develop and practise the skills required for employment and/or career progression in Advanced Manufacturing / Production Engineering at a higher level. The units have been specially chosen to provide practical skills and theoretical knowledge required in the demanding engineering business environment. On successful completion you will be awarded a Level 4 Diploma in Advanced Manufacturing Engineering.

Ideal for both those with experience and those with little experience, this course provides you with a nationally recognised qualification and the skills to progress within the hi-tech manufacturing and production industries.

This course can also form part of a Higher Apprenticeship. Please contact our Information and Guidance Team about Higher Apprenticeships.

Description

As far as possible the course is practically based and as an engineering student you will be studying modules in a variety of areas, which will lead you to gaining experience skills and knowledge in the following modules that add value to business operations:

- Engineering planning and scheduling
- Principles of mechanical component manufacture
- Materials engineering
- Quality assurance and control
- Developing business improvement plans
- Human factors in the workplace
- Statistical analysis for Engineers
- Engineering design
- Work based project

COURSE INFORMATION CONTINUED...

You will learn through a combination of lectures, tutorials, laboratory sessions, directed study, assignment work, practical exercises and a major project normally relevant to your employment and devised in conjunction with your employer.

How long is the course?

This is a part-time course operating on the basis of one full day a week for two years. Please note: this is a two year course and there will be further fees in the second year.

Teaching and Assessment

You will be continuously assessed, in the following forms:

- Assignments. The vast majority of assessment will be in this form and may include laboratory work, investigations, projects, practical exercises and integrative assignments that link various subject areas.
- Time constrained assignments covering short blocks of work.

Progression Opportunities

They allow candidates to progress into employment or advance your existing career opportunities and lead to the following qualifications:

- ILM Level 4 or Level 5 Qualifications in Management
- City & Guilds Professional Recognition Awards.
- Foundation Degree or other Higher Education qualifications
- These qualifications may also provide preparation towards professional registration as an Engineering Technician and progression to Incorporated Engineer registration.

Entry Requirements

Typically, you will require a Level 3 Certificate/Diploma in a numerate or engineering discipline or equivalent qualifications. Applicants will normally also require at least 4 GCSE passes (at grade C or above), including Maths and English or their Level 2 equivalents.

For mature applicants we will accept a wide range of non-standard and professional qualifications and experience, but if you are unsure as to whether you qualify we encourage you to contact us. Whilst we can be flexible with regard to formal qualifications, all applicants will be required to demonstrate motivation and commitment. You may also be asked to attend an interview of which you must be successful.

Costs

Please note: There may be additional fees associated with this course in relation to uniform, residentials, books etc...