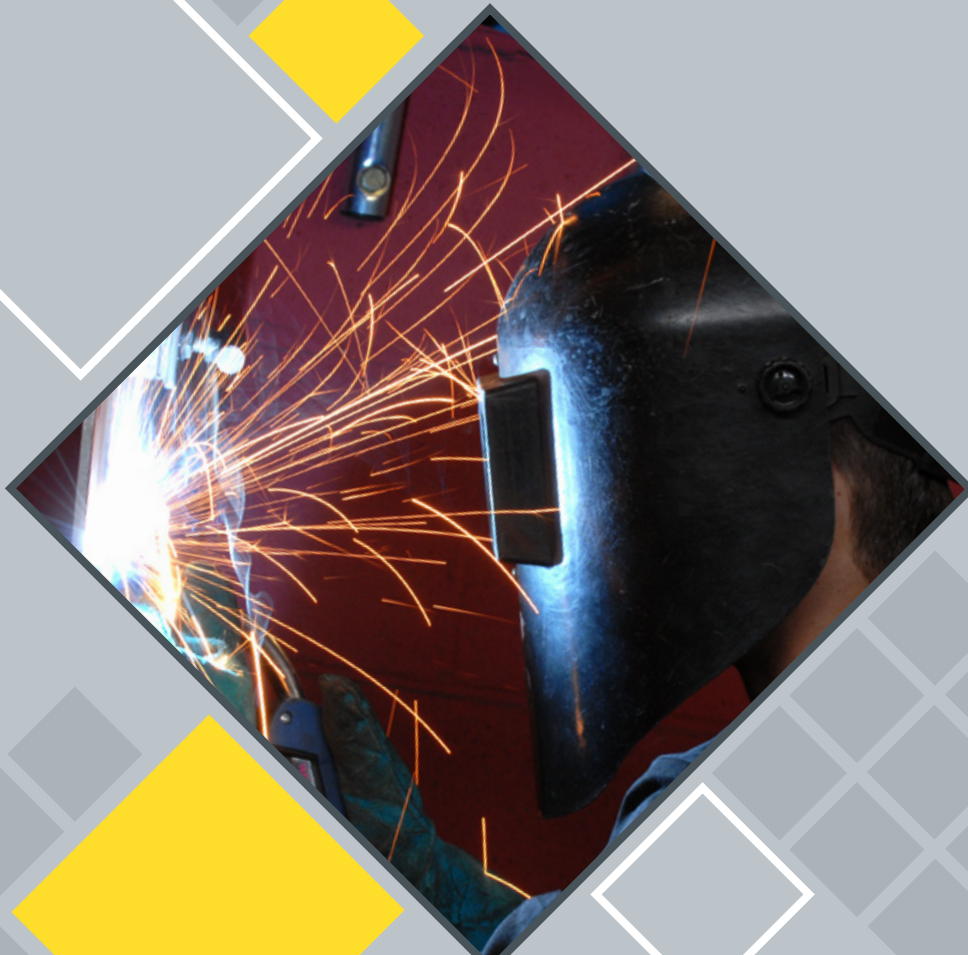




NVQ DIPLOMA FABRICATION & WELDING ENGINEERING



> NVQ LEVEL 2 DIPLOMA FABRICATION & WELDING ENGINEERING

A qualification designed to recognise skills and experience in Fabrication and Welding. The wide variety of pathways allows flexibility in meeting the needs of skilled and semi-skilled workers.

> THE QUALIFICATION

All of the training and assessment for this qualification will be carried out in the workplace to minimise disruption to business operations. Tutors will work with employers to make sure that visits take place at a convenient time. During the programme, you will complete a portfolio which will be formally assessed to prove you have the skills and knowledge for the Diploma to be awarded.

> COURSE DURATION

We would anticipate that a Level 2 NVQ to take no longer than 6 months.

> COURSE FORMAT

You are required to complete all mandatory units and the required number of optional units from your chosen pathway. 47 credits must be achieved.

TRAINING UNIT OPTIONS FOR FABRICATION & WELDING ENGINEERING

MANDATORY UNITS

Complying with statutory regulations and organisational safety requirements

Using and interpreting engineering data and documentation

Working efficiently and effectively in engineering

Making out components for fabrication

Brazing & Soldering Pathway Only:
Joining materials by manual torch brazing and soldering

OPTIONAL UNITS

MANUAL WELDING

Learners taking this pathway will complete 3 mandatory units and 1 optional unit

WELDING MACHINE SETTING & OPERATING

Learners taking this pathway will complete 3 mandatory units and 1 optional unit

SHEET METAL WORK 3MM OR LESS

Learners taking this pathway will complete 3 mandatory units and 2 optional units (1 from Group A and 1 from Group B)

PLATE WORKER 3MM UPWARDS

Learners taking this pathway will complete 4 mandatory units and 3 optional units (1 from Group A, 1 from Group B and 1 from Group C)

STRUCTURAL STEELWORK

Learners taking this pathway will complete 4 mandatory units and 3 optional units (1 from Group A and 2 from Group B)

PIPEWORK FABRICATION

Learners taking this pathway will complete 4 mandatory units and 3 optional units (1 from Group A and 2 from Group B)

THERMAL CUTTING

Learners taking this pathway will complete 4 mandatory units and 2 optional units

COMPOSITE FABRICATION

Learners taking this pathway will complete 4 mandatory units and 2 optional units

BRAZING & SOLDERING PATHWAY

Learners taking this pathway will complete 4 mandatory units

> COURSE COST

This NVQ Diploma could be fully funded as Workplace Learning.

> NVQ LEVEL 3 DIPLOMA FABRICATION & WELDING

A qualification designed to recognise skills and experience in Fabrication and Welding. The wide variety of pathways allows flexibility in meeting the needs of skilled and semi-skilled workers. It is essential to be working in the industry in a job role that can provide the range of tasks required to complete the level 3 and have the support of your employer.

> THE QUALIFICATION

All of the training and assessment for this qualification will be carried out in the workplace to minimise disruption to business operations. Tutors will work with employers to make sure that visits take place at a convenient time. During the programme, you will complete a portfolio which will be formally assessed to prove you have the skills and knowledge for the Diploma to be awarded.

> COURSE DURATION

We would anticipate that a Level 3 NVQ to take no longer than 6 months.

> COURSE FORMAT

You are required to complete all mandatory units and the required number of optional units from your chosen pathway. 80 credits must be achieved.

TRAINING UNIT OPTIONS FOR FABRICATION & WELDING

MANDATORY UNITS

Complying with statutory regulations and organisational safety requirements

Using and interpreting engineering data and documentation

Working efficiently and effectively in engineering

OPTIONAL UNITS

MANUAL WELDING

Learners taking this pathway will complete 3 mandatory units and 1 optional unit

WELDING MACHINE SETTING & OPERATING

Learners taking this pathway will complete 3 mandatory units and 2 optional units (1 from Group A and 1 from Group B)

SHEET METAL WORK 3MM OR LESS

Learners taking this pathway will complete 3 mandatory units plus all of Group A, 2 from Group B and 1 from Group C

PLATE WORKER 3MM UPWARDS

Learners taking this pathway will complete 3 mandatory units and 6 optional units (1 from Group A, 1 from Group B, 2 from C and 2 from D)

STRUCTURAL STEELWORK (PLUS 3 OPTIONAL UNITS)

Learners taking this pathway will complete 3 mandatory units and 6 optional units (1 from Group A, 1 from Group B, 2 from C and 2 from D)

PIPE & TUBE FABRICATION

Learners taking this pathway will complete 3 mandatory units and 5 optional units (1 from Group A, 1 from Group B, 2 from C and 1 from D)

COMPOSITE FABRICATION

Learners taking this pathway will complete 3 mandatory units and 2 optional units

> COURSE COST

This NVQ Diploma could be fully funded as Workplace Learning.

BENEFITS OF THE QUALIFICATIONS

Fabrication & Welding Engineering NVQ Diploma's benefit both employers and employees in a variety of ways.

FOR EMPLOYERS THE QUALIFICATION CAN:

- ▶ Improve business performance and help win contracts
- ▶ Maximise company profits and revenues
- ▶ Reduce costs, variation and waste
- ▶ Assist with recruitment and staff retention
- ▶ Boost employee morale and motivation
- ▶ Demonstrate the quality of the workforce to existing and potential customers
- ▶ Help reduce workplace accidents

FOR EMPLOYEES THE QUALIFICATION CAN:

- ▶ Provide evidence of ability to do a particular job
- ▶ Help improve career development / promotion chances
- ▶ Give a sense of achievement
- ▶ Be gained on the job
- ▶ Be completed at a time and place to suit

WANT TO KNOW MORE? CONTACT THE BUSINESS COLLEGE



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Visit us: **www.tamesidebusinesscollege.co.uk**