

Level 2 Certificate in
HYDROGEN
AWARENESS



GATESHEAD COLLEGE



HyTrEc

Hydrogen Transport Economy
for the North East Region

The Interreg IVB
North Sea Region
Programme



Supporting wider bodies for working together
for a sustainable and competitive region

European Union



The European Regional Development Fund

With hydrogen powered cars being launched on the UK market from as early as 2015, **NOW IS THE TIME TO DEVELOP SKILLS, KNOWLEDGE AND EXPERIENCE** in this new technology.



COURSE OVERVIEW

The Level 2 qualification in Hydrogen Awareness is designed to allow the learner to gain a broad and basic understanding of hydrogen practices and procedures.

During the course, you will learn about the working characteristics of hydrogen which will cover safety, production, distribution and storage methods. You will also learn about the environmental benefits of moving towards a "hydrogen economy" alongside new hydrogen technologies.

WHO IS THE COURSE AIMED AT?

This programme is aimed at a range of learners, including:

- Learners who have an interest in hydrogen, but who have limited knowledge and experience of hydrogen manufacture and hydrogen in transportation and the home
- SMEs wishing to pick up an hydrogen award as part an awareness programme
- Young learners aged 14 -19 who are studying on various automotive vocational programmes.

The qualification also supports and enriches STEM curriculum subjects in schools and colleges.

HOW LONG IS THE COURSE?

The two day programme involves classroom based learning along with a combination of multi choice online module tests.

DO I NEED TO HAVE ANY OTHER QUALIFICATIONS TO TAKE PART?

No, there are no formal entry requirements for the course however; we ask that learners are comfortable with short electronic test papers as part of the assessment.

WHERE WILL THE COURSE BE TAUGHT?

The course programme can be taught and delivered at Gateshead College and also across the country with the access to an operating VLE platform.

WHAT ARE THE CAREER OPPORTUNITIES WITHIN THE HYDROGEN ECONOMY?

On completion of the course there is the potential opportunity to take up a related vocational qualification in hydrogen.

With the onset of manufactured hydrogen fuel cell cars coming to the UK from this year onwards hydrogen skills, knowledge and experience will be in demand.

Over **ONE AND A HALF MILLION** hydrogen powered vehicles could be on UK roads by 2030 according to a joint government-industry study.

Source: Department for Business, Innovation & Skills, February 2013

As one of the largest hydrogen producers, for us to succeed commercially it requires a knowledgeable and competent workforce. **SOURCING POTENTIAL EMPLOYEES WITH THE RIGHT BACKGROUND KNOWLEDGE IS ALWAYS A CHALLENGE AND THE COURSE BEING OFFERED GOES TO FILL THIS GAP.** This introduction to fundamental hydrogen terminology will no doubt help learners build in confidence to participate in this new industrial sector whilst also allowing them to build a framework of hydrogen knowledge and understanding as their career progresses.

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TO FIND OUT MORE:

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