

# The Diploma

In Engineering



How it could ensure the  
future success of your business

Bringing learning to life

# The Diploma in Engineering

## What's It All About?

**Good skills will be essential to ensure your business thrives and prospers in the future.**

The Diploma in Engineering could guarantee you those skills.

It's a new ground-breaking qualification that will teach young people about engineering in ways that relate to work.

It's new and different because:

- it teaches important work skills and will help meet your future staffing needs
- it will show young people how exciting, creative and challenging engineering can be
- it gives young engineers a career headstart
- engineering businesses like yours have created it

The Diploma in Engineering relies on a partnership of schools, colleges and employers.

There are different levels of Diploma for students of all abilities: Advanced, Higher & Foundation.

The Diploma needs people like you, your engineers and the passion that you have in your business to bring its learning to life. Many similar businesses are already involved with this new Diploma.

This guide will outline why you should take part and how to make it work for you.

The Diploma in Engineering is an important first step into the world of industry for many young people. Engineering employers who want to improve their competitiveness and help to secure their long term future will benefit from actively supporting the Diploma and by doing so, they will be able to assess the quality of potential new recruits into their business. The results so far have been very encouraging and in speaking with the various stakeholders, I am convinced that the Diploma will be very successful.

Allan Cook CBE, chairman of engineering design group, Atkins, and chairman of employer-led Sector Skills Council Semta



# Why Should I Get Involved?

## Short-term benefits

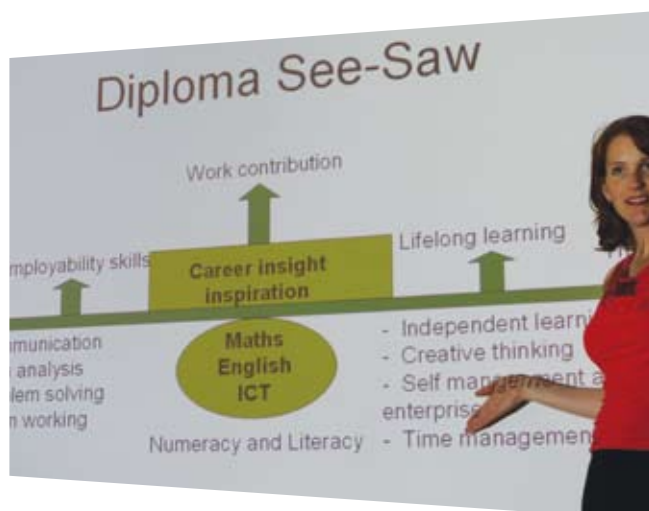
- increased awareness of your company, its products and services in your local area
- improved communications and people skills for your staff
- potential PR opportunities with schools and students

## Medium-term benefits

- positive image for your company in your local area
- better networking and more influence in your local community
- bringing you new business contacts at senior levels

## Long-term benefits

- possible solutions to your company problems by fresh thinking from young people
- access to a larger local pool of new engineering recruits and future apprentices for your business



“If you’re in business for the long haul, then get involved. What will happen when your current staff retire or move on? All that valuable talent will be lost. This new Diploma will make sure that young local engineering talent is there when you need it.”

Steve Roberts, Managing Director, Fripp Design Ltd,  
(Product and Concept Design)

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## What Can I Do?

**You can, of course, decide for yourself what and how much you'd like to do.**

### Visit a school

This will:

- increase awareness of your company
- develop your staff's communication skills
- improve your company's image and reputation

A member of your staff visits a school or college to talk to young people about your industry and your business.

### Provide materials

This will increase awareness of your company. You provide your company's leaflets, brochures and videos, or basic equipment for teaching.

### Run a workshop

This will:

- create PR opportunities with schools
- develop your staff's project management skills
- give you new ideas from young people

Young people do practical hands-on tasks set by your company, under close supervision of your staff.

### Help with projects

This will develop your staff's management skills. You pose a real or fictitious contemporary engineering problem for young people to tackle as a project.

### Have a workplace tour

This will increase awareness of your company. Your staff take young people with their teachers for a guided tour of your company, bringing your business to life.

"Get involved; this has the potential of changing your organization and the lives of school pupils, all at the same time. Without your help, this will not succeed. With your involvement, we will change the face of engineering in this country."

Martin Stevens, Managing Director, Unimatic Engineers Ltd

### Be a mentor

This will:

- develop your staff's interpersonal skills
- increase awareness of your company

You support, encourage and monitor young people working on an engineering project.

### Go to a careers event

You will:

- create PR opportunities with schools
- network better
- have more influence in your local community
- make new business contacts
- create a larger local pool for new engineering recruits

A number of different employers visit a school or other venue to promote their industry.



## Offer a teacher placement

This will:

- improve your company's image
- create PR opportunities with schools

You offer a teacher a day or more at your company. By providing this CPD, you will help ensure that what they teach reflects the best about your company.

## Provide work shadowing

This will:

- develop your staff's interpersonal skills
- improve your company's image

A young person spends time with specially-selected members of your staff as they do their normal work duties.

## Provide work experience

This will:

- create PR opportunities with schools
- develop your staff's management skills
- give you new ideas from young people

You provide young people with one day or more of quality time at your company. They carry out set tasks, learn about the world of work, and get real and genuine exposure to engineering.

## Take part in a lesson

This will:

- increase awareness of your company
- develop your staff's communication skills

You assist a teacher taking a lesson, and help young people learn about the engineering innovations at your company. Most importantly, you will bring engineering to life in the classroom.



## Other ways

These are just a few ways to get involved, and the benefits of taking part. You may also have other ideas on what you'd like to offer, whether it's support, time, resources or anything else.

*"Every engineering company, however busy, should make time for the Diploma in Engineering. You can give as much time or resources or as little as is right for you. It takes less effort than you think, and all of us should find time to squeeze it in. We need to encourage the next generation into the field so they can see how interesting and rewarding engineering can be as a career."*

Ian Dormer, Managing Director, Rosh Engineering Ltd

# The Diploma in Engineering

## What Do Others Think?

The Diploma is actively supported by many professional engineering organisations.



- Royal Academy of Engineering
- Institution of Mechanical Engineers (IMechE)
- Institution of Engineering and Technology (IET)
- Engineering Council UK (EC<sup>UK</sup>)
- Science, Technology, Engineering and Mathematics Network (STEMNET)
- EEF, the Manufacturers' Organisation
- Engineering UK
- and many others

In addition, many businesses, both small and large, are already making the Diploma in Engineering work for them:

Finnveden Engineering, Focus Signs, Jackson Civil Engineering, Morton Partnership, JST, DIG, Lion Barn Electrical, Polestar (Refrigeration) Ltd, Delphi Diesels, Paktronic, Goodwin International plc, Moorcraft Engineering, Grantham Engineering, Fenland Foods, Paktronic, PAS Easton, Linecross, Rutland Plastics, RPC Containers, Rosh Engineering and many more

Larger companies include:

JCB, MBDA, Rolls Royce, BAe, RWE npower, Toyota, Honda, Dyson, Jaguar/Land Rover, British Gas and many more.

“At RWE npower we fully support the Diploma in Engineering.

It enables us to engage with the education of young people, leading to better informed students entering the job market.

Our commitment includes teacher experience days at our power stations, giving first hand experience and knowledge of engineering in the working environment by getting teachers together with practising engineers. A recent Maths In Industry day held at our headquarters gave maths teachers and lecturers a real insight into the importance of their subject in the power industry.

Our young engineers also support local schools, providing an insight into the real application of engineering technologies. They enthuse students to consider a career in engineering and develop themselves in the process. Whatever the size of your business, getting involved with local schools and colleges will, I believe, bring great benefit to your company through the development of your staff.”

Mike Evans, Director of Engineering, RWE npower



## What Should I Do Next?

We will help to connect you with the local partnerships who will be teaching the Diploma. They will be able to take you through what they need, and how that can help benefit your business.

Of course, there may be some actions you may need to take such as informing your insurers, CRB checks, workplace risk assessments and others. However, there's plenty of help available to make that quick and easy or even to get it done on your behalf.

If you want more general information on the new Diploma in Engineering, you can check out the website [www.engineeringdiploma.com](http://www.engineeringdiploma.com).



We now want you to fill in the card below, tear it out and send it to us. You won't need a stamp and it won't cost you anything. We will then get in touch to help you make the Diploma in Engineering work for you.

Alternatively, you can call Semta Customer Services on **0845 643 9001** or email [diplomainengineering@semta.org.uk](mailto:diplomainengineering@semta.org.uk).

## I am interested in giving the following to help young people in my local area who are taking the Diploma in Engineering:

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Visit a school     | <input type="checkbox"/> Have a workplace tour     | <input type="checkbox"/> Provide work shadowing             |
| <input type="checkbox"/> Provide materials  | <input type="checkbox"/> Be a mentor               | <input type="checkbox"/> Provide work experience            |
| <input type="checkbox"/> Run a workshop     | <input type="checkbox"/> Go to a careers event     | <input type="checkbox"/> Take part in a lesson              |
| <input type="checkbox"/> Help with projects | <input type="checkbox"/> Offer a teacher placement | <input type="checkbox"/> <b>Would like to find out more</b> |

### My details are:

Name: \_\_\_\_\_

Job Title: \_\_\_\_\_ Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Postcode: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

# The Diploma in Engineering

## How it could ensure the future success of your business

The Diploma in Engineering is a new and exciting qualification that will teach young people about engineering in ways that relate to work.

This booklet will outline why you should get involved and how to make the Diploma in Engineering work for you and your business.

Design: [www.touchmedia.uk.net](http://www.touchmedia.uk.net)



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