

What they say.....

“Engineers are the lifeblood of an industrial company and their logic and numeracy skills make them in high demand elsewhere.”

- *Bill Drury, Control Techniques, Emerson Industrial Automation*

“This sector is growing rapidly, which provides a huge opportunity for all young engineers.”

- *Yu Ma, E3 Scholar*

“The highlight of the meeting was the visit to the spectacular Royal Opera House, which is also one of the most technologically advanced buildings of its kind in the world.”

- *Mark Towers, E3 Scholar*

“The work of the E3 Academy can play a central role in the future health of our manufacturing and engineering capability. “

- *Bob Owen, Siemens Automation & Drives*



A new Indoor Skydive Centre in Holland uses precise air control provided by twelve 200 kW fans powered by Control Techniques drives.

How to find out more

If you want to know more about the E3 Academy, please visit the website at:

www.E3Academy.org

There you will be able to find out about the participating companies and universities, as well as see examples of electrical energy engineering in action. An application form can be downloaded from the website.

Further enquiries are welcomed by the E3 Academy Manager:

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supporting *your* journey into professional engineering



front cover picture shows a GO Train, Toronto, Canada

What is Electrical Energy Engineering?

Electrical energy engineering involves:

- the generation of electrical energy, increasingly, using renewable energy sources, such as wind, solar, wave/tidal, hydrogen cells etc
- the control of electrical energy, using power electronics to optimise process and energy efficiency
- the automation and control of electrical energy in industry, transport, office and the home.



'Wine angels' at the Radisson SAS Hotel, Stansted fly with a little help from Siemens Automation & Drives

Why an Academy?

The main aim of the E3 Academy is to encourage young people to consider an exciting and challenging career in electrical energy engineering. The E3 Academy is endorsed and supported by the Institution of Engineering and Technology (IET), which is the leading UK professional engineering organisation. The IET ensures that the quality of training you will receive is assured.

How can the E3 Academy help me?

The E3 Academy can help you to find a company sponsor for your university course in electrical energy engineering. The company will pay you a scholarship – currently £2500 – during each year of your course and an 8 week summer vacation work placement, where you will be able to earn an extra £2500.

Every summer the E3 Academy runs a three day summer school, attended by all Scholars and representatives of the participating companies and universities. At these events you will be able to share your experiences with students working for other companies, benefit from career development seminars and visit inspiring examples of engineering in action.

E3 Academy FAQs

How do I choose a company?

Details of participating companies and links to their websites appear on the E3 Academy website. On the Academy application form you are asked to choose three companies that are best suited to your interests.

How do I choose a university course?

The E3 Academy has partner universities (listed on the Academy website) which offer courses in Electrical and Electronic Engineering best suited to a career in electrical energy engineering. When applying to the Academy you must also be applying for entry to one of these courses via UCAS.

How can I spend the scholarship?

The scholarship is paid directly to you and is for you to spend as you like. The financial support from the sponsoring company is intended to assist you with the potentially expensive business of university education.

Do I have to work for my sponsoring company when I graduate?

The simple answer is 'no'; and neither will the sponsoring company be obliged to offer you a job! However, most Academy scholars and their sponsoring companies develop such a good working relationship over the previous 3 or 4 years that they are both very happy to continue this arrangement after graduation.