Postgraduate Diploma in Engineering Competence
Bring your drive for success to a place where you can grow and thrive.

This is how.

Welcome to Executive Education

Yvonne Beach
Director of Executive and Professional Education

Our Executive Education programmes empower people and organisations to grow, improve and prepare for the future. Our teaching is grounded in cutting edge research and delivered by experts with a strong connection to industry and professional practice.

Our Management School is triple-crown accredited, making this an exceptional place to explore and learn. This programme is designed to illuminate your work, your workplace and your whole career enabling you to leave with something brilliant that you can take back into your organisation.

If you’re ambitious for yourself and your organisation, the Postgraduate Diploma in Engineering Competence is how to grow.

We are excited to welcome you to learn, grow and realise your potential with us on this programme. It’s not just about learning and teaching – it’s about discovery and illumination.
Sheffield University Management School

Sheffield University Management School is a leading management school with a world-class reputation for high quality teaching, ground-breaking research and cutting-edge thinking.

Through the distinctiveness of our graduates, excellence of our staff, intellectually rigorous research and network of international partners, we seek to inform the practice of management and to make a difference to our community – both locally and internationally.

Our Triple Crown accreditation places us within the global elite of business schools.

An Illuminating Learning Experience

This programme has been designed to reflect the varied and diverse backgrounds of our learners. The learning and teaching sessions will include lectures, business case analyses, problem solving, learner presentations and talks by visiting guest lecturers and senior practitioners.

The teaching, learning and assessment methods have been designed across the programme to ensure that each module is formative for the next, allowing learners to build on their knowledge and skills, based on feedback provided, for the following module.

Testimonial

Staff are always approachable, friendly and easy to talk to.

Executive Education Learner
Overview

World-leading academics from Sheffield University Management School provide expertise in management and business acumen for engineers.

This programme supplements learners' engineering technical skills to support career development and the management acumen is contextualised within engineering by use of case studies and applied learning and assessment. It introduces learners to, and develops their skills and knowledge in, the broad areas of operations management, people and organisational behaviour, strategy and innovation.

The programme has been designed to meet all the knowledge requirements* of the Postgraduate Engineer Apprenticeship Standard. Learners who undertake the programme as part of the Postgraduate Engineer standard will develop a portfolio of evidence to demonstrate the core behaviours required by the standard, with the support of our assessment team, and will then prepare further evidence for the End Point Assessment (EPA)**.

The sessions will include lectures, business case analyses, problem analyses, learner presentations and talks by visiting guest lecturers from industry. Modules are supported by our Virtual Learning Environment with detailed learner materials being provided to cover lecture material. Tutor and self-directed private study, and preparation for tutorials and assessment, is a significant component of each learners development.

This programme is modular in nature and all modules are core to the programme.

* to meet all the knowledge requirements of the Postgraduate Engineer

** Learners who undertake the programme as part of the Postgraduate Engineer standard will develop a portfolio of evidence to demonstrate the core behaviours required by the standard, with the support of our assessment team, and will then prepare further evidence for the end point assessment (EPA).

At a glance

- The programme normally takes 2 years part-time.
- For apprenticeship routes, the programme is followed by an end point assessment which you will complete in 6 months.
- You will be taught in block study periods at the Sheffield University Management School.

Entry requirements

- A first degree in a relevant subject, e.g. BEng / MEng or a BSc in a STEM subject.
- A high standard of English with an IELTS of 6.5, with no less than 6 in each part.
- Be employed in a relevant job role with a contract of a minimum of 30 hours a week.
- Agreement from your employer to fund your programme, either through government co-funding or the apprenticeship levy.
- Have the right to abode in the UK.

Testimonial

Good lecturer, interesting and dynamic course.

Executive Education Learner
Modules

Global Challenges I - Future, Ethics and Sustainability
This module introduces a range of issues that impact on manufacturing and engineering organisations including themes such as sustainability, global political trends and the future of manufacturing and engineering organisations.

Operations: Process and Organisational Improvements
The ability to analyse current processes and procedures underpins the ability of an organisation to make improvements. You will learn the tools and techniques of quality and process improvement and apply these to real world scenarios.

People and Organisations
This module provides you with the opportunity to relate theoretical concepts to organisational problems and to consider appropriate managerial responses.

Leading Change
Leadership will be investigated at different organisational levels ranging from leading small teams to shaping the direction of organisations. You will reflect on how change is enacted in manufacturing and engineering organisations and how your leadership styles may affect the impact of change.

Managing Complex Projects and Risk Management
This module will provide you with a more encompassing view and understanding of the real challenges and causes of risks in managing the major projects that are necessary to effectively drive change in manufacturing and engineering organisations.

Global Challenges II - Future, Ethics and Sustainability
Manufacturing and engineering organisations function in complex and dynamic environments, where decisions and trade-offs have to be made. This module covers a broad range of issues that impact on manufacturing and engineering organisations.

Technological Innovation and Corporate Entrepreneurship
Examining innovation-based strategies as a source of competitive advantage. You will explore how manufacturing and engineering organisations excel at identifying, building and commercialising technological innovations.

Corporate Strategy
This module covers strategic issues and methods, including strategic decision-making and the nature and source of competitive advantage, to explore how you can develop strategies to achieve business growth within ever-changing international markets.
The Executive Experience

We offer an exceptional experience.

How we teach

Action learning is key. You will apply theory to solve management problems based on real life scenarios. You’ll get an introduction to study skills and one-to-one coaching from a personal tutor.

A schedule that works for you

Our innovative structure means we normally only need you for 5 days, 6 times per year. Which means you’ll bring in fresh ideas and insight back into your organisation, right from the start.

Every class is taught by an expert

Our teaching staff are leaders in their research fields, and offer insights into the latest business thinking. We consult with industry partners, and invite guest speakers to enhance the learning experience.

Return on investment for your organisation

You will be troubleshooting for your organisation from day one. We encourage you to base your assignments and project work on opportunities and challenges from within your organisation. You will apply your new skills to strategic challenges your organisation is facing.

Exclusive learning environment

You will be taught in cutting-edge spaces, designed to facilitate interactive and collaborative learning. The executive experience will also provide you with social space in the teaching breaks to network and develop relationships over lunch and coffee.*

* Included as part of the experience.

Fees and Funding

The tuition fee for the Postgraduate Diploma in Engineering Competence is £9,999.

Apprenticeship funding

Full funding for the cost of the apprenticeship programme fee is available for levy-paying employers (up to the relevant funding cap).

Partial funding for the cost of the apprenticeship programme fee is available for non levy-paying employers (up to the relevant funding cap).

To have a conversation about funding opportunities through the apprenticeship scheme, please contact us:

ExecutiveEducation@sheffield.ac.uk

What we are looking for

You must be ambitious and keen to expand your knowledge through rigorous discussion and learning. This programme combines academic work with your own practical experience.

To apply please visit:

www.SUMS-ExecutiveEducation.co.uk

Testimonial

The programme has challenged my thinking about management and leadership and, through this, improved my ability to turn ideas into reality.

MBA Learner