



In 2009 MET moved into the Institute for Manufacturing's £15 million new building on the University's West Cambridge Site. Here METs benefit from a dedicated design studio, lecture theatre, state-of-the-art automation laboratory and wi-fi access throughout. The large common room, used by all staff and students, offers views over open countryside.

What companies say about MET

MET provides employees who have a sound grasp of engineering but also understand the business context and can hit the deck running much faster than many other students I have experienced. Gareth Davies, Rolls Royce plc

MET equips people to cope resourcefully with whatever challenges they are set, particularly the unexpected. Their value to an employer increases rapidly and they follow accelerated promotion paths. These are generally guys who will end up in senior roles. Mike Bailey, MD, Thames Side-Maywood Ltd

The value of MET graduates is in high technical skills mixed with 'softer' expertise in project management, people and financial management. They move easily into challenging customer-facing projects, with the consequent rewards of high responsibility early in their careers. Richard Archer, CEO, The Automation Partnership plc

MET students have a broad range of academic and industrial experience to draw from. They frequently exhibit a high level of business understanding and an immediate appreciation of key business challenges. EJ Robinson, Proctor and Gamble

The MET course takes some of the sharpest raw talent available and develops rounded individuals who can very quickly deliver key business projects with great enthusiasm and effectiveness. Roy Twite, Norgren plc

Further information at:
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MET



Developing world class leaders in manufacturing engineering and management



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Are you keen to apply your engineering knowledge in the real world?

Do you enjoy developing innovative solutions to problems?

Do you want to 'make a difference' whatever career path you follow?

Then MET could be for you...

What is MET?

MET (Manufacturing Engineering Tripos) is an option for the final two years of the Cambridge Engineering degree that combines academic rigour with a practical, hands-on approach. The course prepares students to be leaders of business and technology enterprises. It provides a thorough grounding in management and manufacturing technologies, together with an understanding of the full range of industrial activities – from market analysis, product design and production, right through to sales and distribution – all within a global economic context.

Applying engineering knowledge to real world problems

The content and structure of MET is closely linked with industry. Many lectures are given by leading industrialists and the first year includes an intensive programme of visits to a wide range of manufacturing businesses. In the second year industrial projects provide the chance to put theory into practice and tackle real problems.

Developing versatile skills

The skills acquired on MET are universal: communication, leadership, problem solving, how to make things happen. As well as manufacturing, MET graduates are in demand in many areas, including consulting, teaching, finance and research and typically get fast tracked early in their careers.

Fostering personal development

MET offers students exceptional opportunities to shape their personal development. Small group and company-based projects and the international study tour are a chance to build team working, project management and presentation skills.

Stimulating creativity

MET is intellectually challenging; it develops the skills to solve problems rather than offering ready-made solutions. By repeatedly having to put theory into practice during the many company and IfM-based projects, METs develop the creativity and skills needed to meet a wide range of challenges in their future careers.

MET involves a strong 'hands-on' approach. Working on real problems in company-based projects develops the kind of 'can-do' attitude and confidence needed to become world-class leaders.

In MET 1 students work in small groups putting together a business proposal for a new product, going on to develop their ideas into fully working prototypes. Products are displayed at the annual MET Design Show.

An extended group project in the IfM's Automation Laboratory involves designing and building an automated manufacturing system, programming state-of-the-art industrial robots.

The international study programme and tour undertaken in the final year, introduces students to current global issues and provides the chance to plan and organise a major overseas study tour.

MET demands teamwork, innovation and initiative. The course generates a high degree of *esprit de corps* and an ethos of self reliance, leading to a strong sense of group identity – and fun!



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