

Short courses in electronics and communications

If you want to improve your career prospects by developing your knowledge in the electronics and communications industry, our short courses are an ideal solution. These relevant, topical courses are designed to provide you with the specialised training required by employers in this sector.

Our courses are delivered by expert lecturers from the University of Surrey and experienced presenters from industry, and many include practice in our labs.

Microwave Circuits and Systems	24 – 28 February 2020
5G Communications and Technologies	23 – 27 March 2020
Challenges in HEVC Coding and Video Communications over 5G	18 – 22 March 2020
Satellite Communications	20 – 24 April 2020
Internet of Things: Comms, Data and Network Analysis	27 April – 1 May 2020
Spacecraft Systems Design	29 June – 3 July 2020
RF Circuit and Systems	6 – 10 July 2020

We will also run the following courses in Autumn 2020. Dates will be available shortly.

(please check www.surrey.ac.uk/eee/pd for dates):

IP Networking Protocols and Technologies	2 – 6 November 2020
Mobile Communications Systems and Technologies	tba
Antennas and Propagation	9 – 13 November 2020
Radar and Remote Sensing	16 – 20 November 2020

Our short courses in electronics and communications can be taken as stand-alone courses or to form part of an MSc in Electronic Engineering.

Prices: For registrations made with payment one month before the course start date:

IET Members: **£1,750**

Non-IET Members: **£1,850**

Standard Rate: **£1,950**

For further information contact:

Barbara Steel, Continuing Education Manager

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Short courses in electronics and communications

Bespoke courses for your company

We can tailor two to five day courses for your company based on our current course material and content delivered by the Faculty of Electrical and Electronic Engineering.

MSc short courses - accredited by the IET

Our one-week courses offer a flexible way of obtaining an MSc over a period of two to five years and can be fitted around full-time employment. Students take seven to eight modules plus a project.



We are accredited by the Institution of Engineering and Technology (IET) on behalf of the Engineering Council as meeting the requirements for further learning for registration as a Chartered Engineer. Candidates must hold a CEng accredited BEng/BSc (Hons) undergraduate first degree to comply with full CEng registration requirements.

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What our short course students say:

Antennas and Propagation

"Good lab activities."

"Very useful exercises and easy to follow steps."

Emerging Technologies in Mobile Comms

"Excellent course overall and I will recommend to others. Found the whole week a fascinating experience, providing a comprehensive introduction to the issues and complexities surrounding mobile communications."

IP Networking Protocols and Technologies

"A very good and well-organised course, with good facilities and a high standard of catering"....

"Staff are a credit to the University, both academics and Faculty staff!"

Microwave Engineering

"Good Course – balanced tutorials."

"ADS Lab was very good."

"Good detailed content."

Modern Radar Theory and Practice

"I found this course very useful and it met my expectations.

Expanded knowledge in a number of areas!"

"Overall, good exposure to radar concepts."

RF Circuit and System Design

"Good and comprehensive notes, enthusiastic lecturers. Would definitely recommend it to my colleagues at the same level for the purpose of learning and senior ones for refreshing."

"Lecturers were passionate and informative."

Satellite Communications

"Project Presentation very good exercise for team building."

"I appreciate all staff's sincere efforts and contributions."

"A very enjoyable course, held at a very nice facility."

"Generally, a very good course that provides quite a comprehensive and detailed introduction – would strongly recommend to others."

Spacecraft Systems Design

"Concepts and theories easily understood and expertly presented."

"Great lectures – encompassed all content of technology."

"Professor Underwood has really just a perfect knowledge about this area and the experiments were great!"