

# York

# Fundamentals of EMC for Military

Learn & Discover



34 CPD HOURS £1995

Understand the fundamentals and essentials of EMC in the military environment from underlying theory, standards and testing through to design requirements and how to achieve EMC assurance.

### Overview of the course

An understanding of EMC is key for the reliable operation of electrical/electronic equipment and systems in the military environment, in particular when using commerical equipment that may require adaptation for military use.

It is also essential to understand what exactly is happening during product acceptance and testing so that any possible risks or gaps can be closed out.

This course gives you the essential information you need to be able to manage EMC and reduce business risk.

### Key benefits of the workshop

- Gain an overall understanding of both the theoretical and practical aspects of EMC in a military environment
- Understand the key management techniques to achieve EMC compliance
- Understand EMC mitigation design techniques across a range of military applications and environments

### Who should attend?

- Engineers using or specifying commercial equipment in the military environment
- Designers & Engineers concerned with EMC approvals and assurance within a military environment
- Manufacturers who make apparatus to be used for military applications
- Anyone who need to understand Military EMC standards, the Military EMC Environment and Military EMC testing

### The course structure

- Four days with a mixture of lectures, presentations, interactive workshops and demonstrations
- Specific sessions on Military EMC standards (including DEFSTAN 59-411 and MIL 461), the Military EMC Environment and Military EMC testing
- One day of practical demonstrations to illustrate the EMC tests described in the multi-disciplinary EN 61000-4-x series of standards

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# **Fundamentals** of EMC for Military







### The course content

- Fundamentals of EM Waves and radiation mechanisms
- The EMC Directive 2014/30/EU, it's history, updates and

- Overview of EMC design principles

- Military EMC standards

## Book your place now to expand your knowledge

our training team on **0330 430 3456** 

trainingyork@eurofins.com and they will be pleased

### To book your place

- Call our training team on **0330 430 3456**
- Email trainingyork@eurofins.com
- bit.ly/FUNDMIL19
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visit: eurofins.co.uk/york email: enquiryyork@eurofins.com

call: 0330 430 3456