

IPEM

Institute of Physics and
Engineering in Medicine

YOUR PROFESSIONAL DEVELOPMENT

2026



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INTRODUCTION

Continuing Professional Development (CPD) describes the activities which professionals consciously and proactively engage in throughout their working life to develop and enhance their knowledge, skills and abilities.

As it helps you to remain 'fit to practice', CPD should be a normal part of every professional's working life.

CPD can:

- cover anything you learn inside or outside of your routine work that can be applied to and support you in your professional development
- be routine and part of your role, for example daily checks of equipment
- be trying something new, like developing a new process
- be as simple as chatting with a colleague and learning something new they've shared

IPEM Members can head to our LMS for our How to do CPD course to learn more!



Planning Your CPD

GOAL SETTING

You may already have a specific goal in mind for your professional development in 2026, be in the process of working towards a current goal or not have had the time to think about it yet. Professional Development has the most impact when you can set time aside to consider what it is you're looking to achieve and how. Take some time to set yourself 2-3 SMART goals for your development in 2026.

GAP ANALYSIS

Once you've identified your goal and where you want to get to, consider how you are going to get there:

1. What standards, skills or knowledge will you need to achieve this goal?
2. What experience or evidence do you have of already meeting those standards?
3. What activities could you undertake in order to fill any gaps you have?

LEARNING PLAN

Take those gap filling activities and create a Learning Plan.

- When will you undertake these activities?
- How long will it take?
- What will you need in order to do that activity?

Remember! Add flexibility for things like annual leave or unexpected challenges.



CPD Framework

There are a variety of registrations, certifications and standards which MPCE professionals are required to meet. It can be challenging to undertake CPD which meets all of the required standards to maintain multiple registrations or you might prefer to undertake more general CPD.

IPEM has combined all the key frameworks into one simple CPD framework for MPCE professionals to use and record their CPD. On the next page you'll find how these frameworks link together and can also be used on IPEM's CPD portal!

A: Knowledge and Understanding

Having the knowledge of the technologies, standards and practices relevant to your area of work

B: Professional Practice

Ability to identify and apply physics or engineering knowledge effectively and efficiently, assuring quality of practice

C: Personal Responsibility and Leadership

Plan and manage own work effectively, providing leadership at an appropriate level and working appropriately with others

D: Communication

Communicating effectively and appropriately, demonstrating interpersonal skills

E: Professionalism

Undertaking Continuing Professional Development, maintaining confidentiality, EDI and patient centered care

CPD Framework

A: Knowledge and Understanding	B: Professional Practice	C: Personal Responsibility and Leadership	D: Communication	E: Professionalism
<p>HCPC</p> <p>12. Understand and apply the key concepts</p> <p>13. Draw on appropriate knowledge and skills to inform practice</p>	<p>HCPC</p> <p>1. Practice safely and effectively within scope of practice</p> <p>10. Reflect on and review practice</p> <p>11. Assure quality of practice</p>	<p>HCPC</p> <p>4. Practice as an autonomous professional, exercising own professional judgement</p> <p>8. Work appropriately with others</p>	<p>HCPC</p> <p>7. Communicate effectively</p> <p>9. Maintain appropriate records</p>	<p>HCPC</p> <p>3. Look after health and well being, seeking support where necessary</p> <p>5. Recognise impact of culture, equality and diversity and practice in a non-discriminatory and inclusive manner</p>
<p>RCT</p> <p>A. Safe Working Practices</p> <p>C-D/E. Specialism requirements</p>	<p>RCT</p> <p>B. Equipment Management</p> <p>C-D/E. Specialism requirements</p>	<p>RCT</p> <p>A. Safe Working Practice</p>	<p>RCT</p> <p>E/F. Good Scientific Practice</p>	<p>RCT</p> <p>A. Safe Working Practice</p> <p>E/F. Good Scientific Practice</p>
<p>UK-SPEC</p> <p>A. Knowledge and understanding</p>	<p>UK-SPEC</p> <p>B. Design, development and solving engineering problems</p>	<p>UK-SPEC</p> <p>C. Responsibility, management and leadership</p>	<p>UK-SPEC</p> <p>D. Communication and interpersonal skills</p>	<p>UK-SPEC</p> <p>E. Personal and Professional Commitment</p>
<p>Science Council</p> <p>A. Application of knowledge and understanding</p>	<p>Science Council</p> <p>B. Professional Practice</p>	<p>Science Council</p> <p>C. Personal Responsibility</p>	<p>Science Council</p> <p>D. Interpersonal skills</p>	<p>Science Council</p> <p>E. Professionalism</p>

IPEM CPD

A: Knowledge and Understanding



MRSE Online Course

16th – 20th March 2026

This course provides a comprehensive, up-to-date overview of the engineering, scientific and administrative aspects of MR Safety.



Ultrasound QA Workshop

28th April 2026

This course provides those new to Ultrasound QA the confidence to understand and carry out the basic, essential elements of an ultrasound scanner and probe QA, in line with IPEM guidance and current best practice.



Framework for IV Contrast

e-Learning

The aim of this self directed course is to develop the knowledge, understanding and skills relating to the safe and competent use of IV in the context of a modern Nuclear Medicine environment.



IPEM Journals

Access IPEM's international peer reviewed journals.

Coming in 2026:

- Medical Radiological Equipment Management course
- Medical Exposure Optimisation course

Express an interest and be the first to hear more about new Events and Training



IPEM Events and Training

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B: Professional Practice



AI in Imaging and Treatment Planning

Date TBC 2026

This course will provide an overview of Artificial Intelligence approaches and applications in Imaging and Radiotherapy.



Update Days

MPE Update Day
RWA/ RPA Update Day

Keep in touch with the latest developments in your area and support the maintenance of your certification



IPEM Webinars

e-Learning

IPEM regularly hosts webinars sharing best practice across all MPCE specialisms. These are then available to IPEM members on our Learning Management System.



Guidance

Including books, journals, reports, workforce intelligence and member magazines, IPEM has a remarkable range of resources to help our members grow and develop their professional practice.

Coming in 2026:

- **MRI: The Full Field of View** biannual conference
- **Clinical Scientific Computing Symposium**

Express an interest and be the first to hear more about new Events and Training



IPEM Events and Training

C: Personal Responsibility and Leadership



Time Management

e-Learning

This course takes a look at what time management is, the challenges involved and some strategies. We'll also explore why this is so crucial for the healthcare profession.



Introduction to Project Management

e-Learning

This course covers what project management is and what it entails, why it's worth investing time in project management, and what it can do for the healthcare profession.



Volunteer

Check out current volunteering opportunities with IPEM which can broaden your network, influence policy and develop your knowledge and skills outside the workplace.



Leadership and Challenges in Medical Physics

A Strategic and Robust Approach: A EUTEMPE network book

This book aims to help aspiring future medical physics leaders with effective, strategic and robust leadership skills.

Coming in 2026:

- Supporting Aspiring MPEs workshop
- Heads of Radiotherapy Meeting 2026

Express an interest and be the first to hear more about new Events and Training



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D: Communication



Understanding Autism

e-Learning

This course is a comprehensive introduction to understanding autism, which will develop your communication skills and increase awareness of the experience of service users and colleagues.



Scientific Report Writing

e-Learning

This course discusses the types of reports you may write across your career. You'll learn the components of a scientific report, as well as top tips for writing effectively.



Present at an IPEM Conference

IPEM's flagship conference, STEF, will be taking place October 2026. This event will bring together experts, trainees, and thought leaders to explore how we prepare today's workforce for tomorrow's challenges.



How to Write an Abstract

e-Learning

How to Write a Poster

e-Learning

Coming in 2026:

- How to Get Published e-Learning
- Accessible Documents e-Learning
- Outreach resources including Clinical Engineering resources and Radiotherapy VR headset

[Express an interest](#) and be the first to hear more about new Events and Training



IPEM Events and Training

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E: Professionalism



Clinical Scientist Training Workshop

January and July 2026

This training day is aimed at Clinical Scientist trainees who are preparing to submit a portfolio to the Association of Clinical Scientist's Route 2 or the Academy of Healthcare Science STP Equivalence.



How to Get It?

IPEM holds a variety of registration support sessions, such as:

Medical Physics Expert
Radiation Protection Advisor
Higher Specialist Scientist.



Gain registration with the Science Council and/or Engineering Council

IPEM is licenced to assess members for registration under the Science Council and Engineering Council.



Become Magnetic Resonance Safety Expert Certified

Becoming certified demonstrates your knowledge and experience as a Magnetic Resonance Safety Expert.

Coming in 2026:

- **Workshop support for RCT Equivalence**

Express an interest and be the first to hear more about new Events and Training



IPEM Events and Training

What Next?

RECORD

Record your CPD on IPEM's LMS – many registrations and certifications ask you to present evidence of the CPD you are undertaking; make sure you are keeping a regular record of the activity so it isn't forgotten.

Tip! IPEM members who have attended IPEM courses or events and have previously logged into the LMS will have their attendance automatically recorded in the IPEM CPD portal.

REFLECT

Reflect on your learning and think critically about how the learning can be applied.

You can also discuss with a line manager or colleague on how your learning could be implemented into practice.

REFINE

Ask your line manager to observe you and provide feedback on any new skills you are learning.



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