

## Appreciation of Refrigeration

This is a one day course for non technical people who need a basic understanding of RAC technology and components. The following topics are included in the standard course:

- How a system works – the basic principles
- Components commonly used – what they do and range of types
- Refrigerants and associated hazards, environmental issues and legislation (including the F Gas Regulation);
- How systems are controlled
- Very basic electrics
- Typical system operating conditions for common applications
- Overview of design, installation, service and maintenance.

The course is a mix of theory, practical and discussion sessions with the emphasis on active participation. During the day we will commission, charge and run a refrigeration system to demonstrate the principles of installation, commissioning and operation as well as give the trainees the opportunity of “learning by doing”.

The course can be tailored to suit individual RAC sectors, businesses and equipment types and can be run in house as well as at our training centre in the West Midlands. For courses run in house we can provide portable training rigs and all tools and equipment, as well as computer based presentation equipment.

### Cost

£195 plus VAT, including course notes and lunch.

### About Cool Concerns' Training

Training is provided by the working directors – Jane Gartshore and Stephen Benton – and by specialist trainers. We have a wide and varied range of practical experience within the refrigeration and air conditioning industry. We provide training that “hits the spot” – it is relevant, informative and fun with the emphasis on hands on practice mixed with high quality theory presentations.



All our training is designed to use trainees' time as efficiently as possible, thus minimising expensive down time. We draw on the wide range of experience of all three trainers to prepare high quality training sessions. System operation is explained using computer based presentations coupled with work on training rigs. Installation, commissioning, service and maintenance principles are covered in hands on practical sessions using a range of industry standard tools and equipment. Emphasis in all training sessions is on participation by all trainees.