

Technical Certificate in Air Conditioning & Refrigeration City & Guilds 6127 Level 2 - Pre-cursive Course; Level 3



REFRIGERATION SKILLNET

The Learning Network for the RAC, heatpump and Fire Industry.

These theory based courses cover the aspects of the underlying science and technological principles of commercial refrigeration and air conditioning knowledge including:

- RAC & Engineering Industry
- Health & Safety
- Service & Maintenance
- Energy and the Environment

Delivered in a part time, blended learning format with fortnightly 2-day training sessions and online self-directed learning

You have some knowledge and basic skills in the refrigeration, air conditioning or related service/ maintenance industry, probably from a role where you work under supervision. You want to understand the theory behind small commercial refrigeration and air conditioning systems

You have worked in the refrigeration or air conditioning industry for some time - you have plenty of experience, and your work might involve supervision others or managing resources. You want to broaden your understanding of the theory behind large or complex refrigeration and air conditioning systems.



Level 2 Certificate in RAC Delivered over 16 fortnightly 2 day sessions

- Science & technology of RAC
- Health & Safety issues and work processes
- RAC & MES industry
- RAC drawings, specification and design
- RAC components, brazing and controls
- Includes C&G2079 Cat 1 (F-Gas Handling certification)

Starting 1 Sept 2011 | For full info see <http://www.refrigerationskillnet.ie/pdfs/C020C&G6127Level2.pdf>

Level 3 Pre-Cursive Course

Delivered over 2 fortnightly 2-day sessions

- For experienced RAC trainees who have not completed Level 2
- Update on current Health & Safety
- Refresher on gas laws, psychrometrics and SI units
- City & Guilds 6127:101



Level 3 Certificate in Complex RAC Systems

Delivered over 16 fortnightly 2 day sessions, blended with online learning:

- Energy and the Environment
- Large Cooling systems and technology
- Cooling science and calculations
- Complex cooling system electrics and controls

Starting 6 Oct 2011 - April 2012. 9.00-16.30
Thur, Fri Fortnightly.

Course cost	€ 6,900.00
Member subsidy	€ 2,000.00
Skillnet members	€ 4,900.00
Job seekers	€ fully subsidised

REFRIGERATION SKILLNET

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To book [City & Guilds 6127](#) courses go to <http://alturl.com/snmh9>

Refrigeration Skillnet is a [not-for-profit](#), industry led learning network for companies in the [refrigeration and air-conditioning](#) (RAC), heatpump and [fire suppression](#) sector in Ireland. The Refrigeration Skillnet is funded by member companies and the Training Networks Programme, an initiative of [Skillnets Ltd.](#) funded from the National Training Fund through the Department of Education and Skills.

