

COC Renewal

Glasgow (Scotland)

25 - 29 August 2025

UK Training

PARTNER



COC Renewal

Code: HS28 From: 25 - 29 August 2025 City: Glasgow (Scotland) Fees: 5100 Pound

Introduction

This course is designed for professionals seeking to renew their Certificate of Competency COC in air conditioning and air conditioning control. Over five days, participants will engage in an in-depth review of current practices, emerging technologies, and essential control mechanisms in the HVAC industry. The course is structured to refresh key concepts, provide hands-on practice, and ensure participants are up to date with industry standards and regulations.

Objectives

- Refresh Knowledge: Revisit fundamental concepts in air conditioning and control systems.
- Update on Standards: Ensure understanding of the latest industry standards, regulations, and best practices.
- Hands-On Experience: Provide practical experience with current air conditioning systems and control technologies.
- Problem Solving: Enhance troubleshooting skills for common and complex issues in HVAC systems.
- Certification Renewal: Successfully renewed the Certificate of Competency COC in air conditioning and control.

Course Outline

Day 1

Introduction to Air Conditioning and Control Systems

- Overview of Air Conditioning Principles
- Key Components of HVAC Systems
- Understanding Control Systems and Their Importance
- Review of Current Industry Standards and Regulations
- Introduction to Energy Efficiency in HVAC Systems



Day 2

Advanced Control Strategies

- Proportional-Integral-Derivative PID Control in HVAC
- Use of Sensors and Actuators in Control Systems
- Introduction to Building Management Systems BMS
- Advanced HVAC System Optimization Techniques
- Case Studies on Control System Failures and Solutions

Day 3

Emerging Technologies in Air Conditioning

- Smart HVAC Systems and IoT Integration
- Renewable Energy Sources in Air Conditioning
- Advances in Refrigerants and Environmental Impact
- Trends in HVAC Software and Digital Tools
- Future of HVAC Control Systems: AI and Machine Learning

Day 4

Practical Applications and Troubleshooting

- Hands-On Session: Control System Calibration and Tuning
- Common HVAC System Failures and Diagnostic Techniques
- Preventive Maintenance Strategies for HVAC Systems
- Workshop: Designing and Implementing Efficient Control Systems
- Live Demonstrations of Latest HVAC Technologies

Day 5

Certification and Compliance



- Overview of Certification Renewal Process
- Understanding Compliance with Safety and Environmental Standards
- Mock Exams and Practice Tests for COC Renewal
- Review and Discussion of Exam Content
- Final Assessment and Feedback Session



Blackbird Training Cities

Europe



Copenhagen (Denmark)



Sarajevo (Bosnia and Herzegovina)



Málaga (Spain)



Cascais (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Annecy (France)



Bordeaux (France)



Birmingham (UK)



Lyon (France)



Moscow (Russia)



Stockholm (Sweden)
(Netherlands)



Podgorica (Montenegro)



Batumi (Georgia)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)



Paris (France)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich (Switzerland)



Manchester (UK)



Milan (Italy)

USA & Canada



Los Angeles (USA)



Florida (USA)



Online



Phoenix (USA)



Texas (USA)



Boston (USA)



Washington (USA)



Miami (USA)



New York (USA)



Seattle (USA)



Toronto (Canada)



Blackbird Training Cities

Asia



Baku (Azerbaijan)



Maldives (Maldives)



Manila (Philippines)



Bali (Indonesia)



Bangkok (Thailand)



Beijing (China)



Singapore (Singapore)
(Kuwait)



Sydney (Australia)



Tokyo (Japan)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City



Jakarta (Indonesia)



Amman (Jordan)

Africa



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Morocco)



Nairobi (Kenya)



Zanzibar (Tanzania)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



Blackbird Training Clients



UK Training
PARTNER



Blackbird Training Categories

Management & Admin

Professional Skills
Finance, Accounting, Budgeting
Media & Public Relations
Project Management
Human Resources
Audit & Quality Assurance
Marketing, Sales, Customer Service
Secretary & Admin
Supply Chain & Logistics
Management & Leadership
Agile and Elevation

Technical Courses

Hospital Management
Public Sector
Special Workshops
Oil & Gas Engineering
Telecom Engineering
IT & IT Engineering
Health & Safety
Law and Contract Management
Customs & Safety
Aviation
C-Suite Training



BLACKBIRD
FOR TRAINING

 International House 185 Tower Bridge
Road London SE1 2UF United Kingdom

 +44 7401 1773 35
+44 7480 775526

 Sales@blackbird-training.com

 www.blackbird-training.com

