Hello there, our dream is to help you make great happen

Choose a career that takes you places

This qualification provides competencies to select components, install, set up, test, fault find, repair and maintain refrigeration systems and equipment that apply to food storage and preservation, air-conditioning and air distribution equipment in buildings and premises. It includes regulatory requirements for purchasing and handling refrigerants.

LOCATION/S

Nambour

DURATION

Workplace/TAFE: Varies

Entry requirements

Apprentices and trainees complete a qualification, learning skills at work and under the...

Resources required

No specific resources are required to successfully complete this course. It is recommended that students have access to a reliable internet connection to...

What are my payment options?

No matter what your circumstances, TAFE Queensland East Coast has a payment option to suit you. If you are unsure of what's right for you, call us on 1300 656 188. We're here to help.

For more information about the costs associated with undertaking an apprenticeship, please give us a call.

ARE YOU READY TO TAKE THE NEXT STEP ON YOUR PATH TO GREAT?

Enrol today to secure your spot in this course.

HOW TO ENROL

Recognition of prior learning

Fast-track your way to a formal qualification by earning credit for the things you already know. Gaining recognition for the skills you've gained from the workplace or previous learning means less study time for you, and getting the paper to prove you're qualified a whole lot sooner.

More info:

tafeeastcoast.edu.au/study-with-us/career-changers/jobseeker/recognition-prior-learning/

Outcomes

UEE32211 Certificate III in Air-Conditioning and Refrigeration - Apprenticeship

Job prospects

- Air-conditioning and Refrigeration Mechanic

Units

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Type</th>
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<tbody>
<tr>
<td>UEEENEED101A</td>
<td>Use computer applications relevant to a workplace</td>
<td>Elective</td>
</tr>
<tr>
<td>UEEENEJ19A</td>
<td>Resolve problems in ice making systems</td>
<td>Elective</td>
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<tr>
<td>UEEENEJ75A</td>
<td>Service and repair self contained hydrocarbon air conditioning and refrigeration systems</td>
<td>Elective</td>
</tr>
<tr>
<td>UEEENEJ74A</td>
<td>Apply safety awareness and legal requirements for hydrocarbon refrigerants</td>
<td>Elective</td>
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<tr>
<td>UEEENEJ153A</td>
<td>Find and rectify faults in motors and associated controls in refrigeration and air conditioning syst</td>
<td>Core</td>
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<tr>
<td>UEEENEJ170A</td>
<td>Diagnose and rectify faults in air conditioning and refrigeration control systems</td>
<td>Core</td>
</tr>
<tr>
<td>UEEENEJ13A</td>
<td>Commission air conditioning and refrigeration systems</td>
<td>Core</td>
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<tr>
<td>UEEENEJ111A</td>
<td>Diagnose and rectify faults in air conditioning and refrigeration systems and components</td>
<td>Core</td>
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Accurate as at 27 March 2018. For the latest information see:

tafeeastcoast.edu.au/course/15071
Select refrigerant piping, accessories and associated controls

Solve problems in low voltage refrigeration circuits

Apply environmentally and sustainable procedures in the energy sector

Attach cords, cables and plugs to electrical equipment for connection to 1000V a.c. or 1500V d.c. supply

Attach cords and plugs to electrical equipment for connection to a single phase 230V supply

Locate and rectify faults in low voltage composite appliances using set procedures

Disconnect/reconnect composite appliances connected to low voltage installation wiring

Verify functionality and compliance of refrigeration and air conditioning installations

Recover, pressure test, evacuate, charge and leak test refrigerants

Fix and secure electrotechnology equipment

Use drawings, diagrams, schedules, standards, codes and specifications

Solve problems in ELV single path circuits

Fabricate, assemble and dismantle utilities industry components

Apply Occupational Health and Safety regulations, codes and practices in the workplace

Document and apply measures to control OHS risks associated with electrotechnology work

Prepare and connect refrigerant tubing and fittings

Install air conditioning and refrigeration systems, major components and associated equipment

Install refrigerant pipe work, flow controls and accessories

Establish the basic operating conditions of air conditioning systems

Establish the basic operating conditions of vapour compression systems

Participate in refrigeration and air conditioning work and competency development activities

Disclaimer

Not all electives available at all campuses