



# AHC21024 Certificate II in Conservation and Ecosystem Management CRICOS 111628G

Develop sustainable initiatives and explore  
career opportunities in industry.

- ➔ [www.envirotech.edu.au](http://www.envirotech.edu.au)
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# Course Overview

This qualification provides the skills and knowledge required for work in a defined context and/or for further study in conservation and ecosystem management.

By studying this course, students will be enabled to select and develop basic factual, technical and procedural knowledge in conservation and ecosystem management for Indigenous land management, lands, parks and wildlife services and the restoration and rehabilitation of ecosystems.



Envirotech Mentors: 15 Hours/week

Lectures: 5 Hours/week

Vocational Industry Professional (VIP)  
Placement: 16 Hours/week



**Online  
Support**



**Blended  
Mode**



**Project Based  
28 Weeks**



**School Based  
38 Weeks**



**15  
Units**



**Practical  
Components**

# Course Units

## CORE UNITS

- AHCWHS202 Participate in work health and safety processes
- AHCWRK211 Participate in environmentally sustainable work practices

## ELECTIVE UNITS

- AHCECR202 Maintain wildlife habitat refuges
- AHCECR203 Perform basic ecological restoration works
- AHCFAU202 Recognise fauna
- AHCOCM202 Observe and report plants or animals
- AHCLPW201 Operate a handheld GPS device
- AHCPCM204 Recognise plants
- AHCPMG201 Treat weeds
- AHCWRK211 Observe environmental work practices
- AHCCHM201 Apply chemicals under supervision Install tree protection devices
- AHCLSC210 Install tree protection devices
- NAT11246002 Participate in environmental assessment
- NAT11246009 Participate in using line and belt transects for environmental monitoring
- NAT11246010 Conduct quadrat sampling for environmental monitoring



# Skills and Knowledge Development

Upon completion of the course participants will be able to:

- Recognise and report hazards in the workplace.
- Follow workplace procedures and instructions and to participate in environmentally sustainable work practices.
- Maintain wildlife habitats and refuges to protect desirable animal species from invasive species.
- Carry out basic ecological restoration works following a restoration plan and instructions.
- Observe, recognise and record fauna that are encountered when undertaking agricultural, horticultural and land management activities.
- Observe, record and report on the presence of plants or animals against criteria provided by a supervisor or as required under legislation or regulations.
- Operate a handheld Global Positioning System (GPS) device, including tablet and phone-based GPS systems, and record and use spatial information relating to points, tracks and routes.
- Recognise commonly encountered plants, including desired species and weeds, and to document and confirm plant identification.
- Recognise common weed species and apply a range of weed treatments and control options.
- Observe and contribute to positive environmental work practices.
- Handle, transport, and apply chemicals under supervision using workplace specified chemicals and application equipment.
- Protect trees during construction work by installing protective devices.
- Participate in the conduct of environmental assessment
- Participate in environmental monitoring using line and belt transects
- Conduct quadrat sampling for environmental monitoring

An aerial photograph of a rural landscape featuring rolling green hills and a prominent stone wall that runs diagonally across the scene. The fields are lush and vibrant green, with some darker patches of earth or stone visible. The overall scene is peaceful and scenic.

# Qualification Outcomes

This qualification provides the student with skills and knowledge to work that are carried out under general guidance and supervision including following workplace safety procedures and directions. Students are also able to learn to perform work in accordance with Community guidelines and cultural protocols.

## Career Outcomes

- Conservation worker – land management
- Conservation worker – parks and wildlife
- Earthworks conservation worker
- Ecosystem restoration worker
- Indigenous land management worker
- Parks and wildlife services worker

# About Envirotech

Envirotech Education is an award-winning Australian Registered Training organization (RTO) endorsed by the Australian Skills Quality Authority (ASQA) for delivery of Vocational Education and Training (VET).

Envirotech VET accreditations are offered to: Domestic, Indigenous, international, and school students.

The Team has in-house expert trainers, mentors, and business developers, that are dedicated to connecting students to an industry journey and the development of real business initiatives and sustainable projects.

## Our Environmental Management & Sustainability Team



Melinda de Luna  
Environmental Sustainability  
Consultant & Assessor



Dr Kuntal Goswami  
Sustainable Business  
Consultant, Trainer & Assessor



Richard Skinner  
Environmental Sustainability  
Trainer & Assessor



Khory Hancock  
Environmental Sustainability  
Trainer & Assessor



Jayant Keskar  
Environmental Sustainability  
Trainer & Assessor



Daria Sobczak  
Environmental Sustainability  
Consultant



Glenda Manalo-Cadigal  
Environmental Sustainability  
Consultant, Trainer & Assessor



Cherry Jalover-Par  
Environmental Planner  
& Assessor



# ENVIROTECH E D U C A T I O N

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Shed 2 54 Paradise Ave, Miami, QLD, 4220

## Sol Gardens Currumbin Valley

10 Bains Rd CURRUMBIN VALLEY QLD 4223

## Northern Rivers Marine Services

60 Queen St, Iluka, NSW, 2466

## Mungalla Station

1236 Forrest Beach Rd, FORREST BEACH, QLD, 4850

## Sydney Institute of Marine Science

19 Chowder Bay Road, Mosman NSW 2088

