



AHC21024 Certificate II in Conservation and Ecosystem Management CRICOS 111628G

**Develop sustainable initiatives and explore
career opportunities in industry.**

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Envirotech Education
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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 lush green landscape. A stone wall runs diagonally across the frame, separating different sections of land. A small stream or ditch flows through the fields. The overall scene is rural and peaceful.

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
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Daria Sobczak
Environmental Sustainability
Consultant



Glenda Manalo-Cadigal
Environmental Sustainability
Consultant, Trainer & Assessor



Cherry Jalover-Par
Environmental Planner
& Assessor



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