



AHC31424 Certificate III in Conservation and Ecosystem Management

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

www.envirotech.edu.au

@envirotecheducation

Envirotech Education

admissions@envirotech.edu.au

Course Overview

This qualification provides the skills, theoretical and practical knowledge for work or further learning in the conservation and ecosystem management industry.

At this level of qualification, students will learn a range of conservation and ecosystem management activities including site restoration, rehabilitation and renewal and management of the rural and natural landscapes, degraded sites and marine environments.



Envirotech Mentors: 15 Hours/week

Lectures: 5 Hours/week

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



**Online
Support**



**Blended
Mode**



**Project Based
40 Weeks**



**School Based
50 Weeks**



**16
Units**



**Practical
Components**

Course Units

CORE UNITS

- AHCECR309 Conduct an ecological and cultural site inspection prior to works
- AHCWHS302 Contribute to work health and safety processes

ELECTIVE UNITS

- AHCECR301 Maintain native ecosystem areas
- AHCECR302 Collect and preserve biological samples
- AHCECR307 Read and interpret maps
- AHCBIO303 Apply biosecurity measures
- AHCPMG307 Apply animal trapping techniques
- AHCECR304 Undertake direct seeding
- AHCECR303 Implement biological reintroduction works
- AHCCHM307 Prepare and apply chemicals to control pest, weeds and diseases
- AHCPMG302 Control plant pests, diseases and disorders
- AHCECR306 Conduct photography for fieldwork
- NAT11247004 Use tools to carry out basic tasks in marine conservation work
- NAT11247005 Install diversity enhancers
- NAT11246012 Take part in a mangrove conservation project
- NAT11246014 Participate in a coastal dunes rehabilitation project



Skills and Knowledge Development

Upon completion of the course participants will be able to:

- Inspect a site for ecological, biosecurity, cultural and heritage risk and report discrepancies in planned works prior to commencing works.
- Carry out enterprise work health and safety policies and procedures.
- Plan and implement maintenance work within native ecosystem areas.
- Identify sampling method and collect and preserve biological samples for later processing and/or analysis.
- Read and interpret road and topographical maps for navigation or positioning and plotting purposes.
- Interpret and apply control measures in a biosecurity plan to protect a site from the entry and spread of biosecurity threats.
- Trap and hold live animals for release, transportation or destruction. Trapped animals can be native animals, domestic animals, animals determined to be pests or feral animals.
- Identify and assess the effect to plants of plant pests, diseases and disorders and plan and coordinate control measures.
- Set up and use photographic equipment and techniques to take photographs in the field.
- Use tools to carry out basic tasks in marine conservation work
- Prepare and install diversity enhancers
- Take part in mangrove conservation project and coastal dunes restoration

Qualification Outcomes

The qualification provides students with a solid foundation in the preservation and maintenance of wildlife and their habitat in the natural ecosystem, parks and reserves.

It enables students to perform activities frequently involve working with and preservation of Indigenous culture and heritage resources.

Career Outcomes

- Land rehabilitation worker
- National parks worker
- Revegetation worker
- National parks ranger
- Earthworks conservation technician
- Rehabilitation of mined land worker
- Marine Conservation and Restoration assistant
- Marine monitoring assistant

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 and Sustainability Team



Melinda de Luna
Consultant & Assessor



Richard Skinner
Trainer & Assessor



Khory Hancock
Trainer & Assessor



Dr. Steven Andrews PhD
Trainer & Assessor



Daria Sobczak
Environmental Consultant



Glenda Manalo-Cadigal
Consultant, Trainer & Assessor



Roberto Lampayan
Trainer & Assessor



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Content Developer



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