ENVIROTECH EDUCATION

Cert II in Marine Habitat Conservation & Restoration

10749NAT

The first and only accredited Marine Habitat Conservation & Restoration VET Certificate Courses worldwide.

www.envirotech.edu.au

@envirotecheducation

Envirotech Education

admissions@envirotech.edu.au

ENVIROTECH EDUCATION

A Career of Passion

Who should join this course?

- ✓ Ocean advocates who want to embrace a meaningful career.
- ✓ Individuals who want to develop skills for conserving marine habitats.
- ✓ Communities who want to make a difference for the planet.

Why should you join us?

- ✓ The Australian Government recognises Envirotech Education as a TVET Education Leader.
- ✓ Envirotech Education are the course developer and only provider in the entire world offering this course.
- ✓ Our expert Team are active in the marine industry; the course incorporates hands-on experience in ocean conservation and restoration projects .

How does the delivery mode work?

The course is based on theory and practical.
Theory is delivered online through the Microsoft TEAMS platform. Your trainer will teach through direct learning, interactive discussion, and group case studies. If you are unable to attend a scheduled class, the recording will be accessible online.

The practical aspect of the course is vital as it puts the theory into practice.
Practical classes will prepare you with the necessary, specialised skills required to perform hands-on conservation and restoration projects.

Course Overview

Students enrolled in Certificate II are excited about perusing a course they find engaging and hands-on.

This course not only teaches you about Marine Coastal Habitats but gives you theoretical knowledge related to conservation and restoration, assisting you to put these skills into practice.

Wow! A course that has real life application and makes a difference. Subjects where students eagerly anticipate the next lesson, the next activity.

- Online Support
- Blended Mode
- 58 weeks
- Payment Options
- 15 Units
- QCE ponts 6
- Practical Components
- Volunteer Hub

ENVIROTECH EDUCATION

Course Units

Core Units

MHCKMR001	Apply basic knowledge of marine restoration to conservation projects
MHCPEA002	Participate in environmental assessment
AHCECR306	Conduct photography for fieldwork
MHCPPQ004	Prepare photo quadrates
AHCWHS201	Participate in work health and safety processes

Elective Units

MHCCRB003	Conduct an onsite information session on coral reef biology
MHCTEM009	Participate in using line and belt transects for environmental
MHCSEM010	Conduct quadrat sampling for environmental monitoring
MHCPFM011	Participate in fish monitoring
MHCCDR014	Participate in a coastal dune restoration
MHCMCP012	Take part in a mangrove conservation project
MHCMRP013	Participate in a mangrove restoration project
CUAEVP201	Assist with the staging of public activities and events
MHCCRN005	Present information regarding coral and reef conservation
MHCCRN006	Take measurements of individual corals

Nationally Recognised Training

ENVIROTECH EDUCATION

Marine Habitats and Skill Sets

Sand Dunes

Students learn how to use measuring tape and quadrats to monitor sand dunes.

Students learn how to assess microplastics accumulation on sand dunes.

Corals

Students learn how to take measurements of individual corals, conduct surveys of natural reefs, and monitor a coral restoration site.

Students will also learn how to plan and present information on a coral nursery or restoration project.

Mangroves

Students learn how to identify mangrove species, understand ecosystem services, and the different methods applied to mangrove conservation and restoration projects.

Students will also participate in a field project and use the necessary tools and equipment that contribute to successful conservation outcomes.

Photography

Students will learn techniques and skills to set up and use equipment to take photographs while doing their fieldwork both on land and underwater.

Students will also learn how to successfully capture underwater video as an effective data collection tool for marine conservation research.

Qualification Outcomes

This course provides students with a solid foundation in marine habitat conservation and restoration practical fieldwork techniques. It enables its graduates to access rewarding employment opportunities with consultancies, conservation groups, and not-for-profit organisations.

Skills and Knowledge Development

Upon completion of the course participants will be able to:

- ✓ Provide useful assistance on marine conservation or restoration projects
- ✓ Contribute to the planning of conservation and restoration fieldwork
- ✓ Prepare draft reports and presentations for marine environmental projects
- ✓ Construct three different types of coral nurseries
- ✓ Measure corals to monitor growth rate
- ✓ Construct diversity enhancers used to increase the biodiversity around jetties and seawalls, and provide stable substrate for the restoration of marine benthic communities
- ✓ Participate in the planting of coastal dune vegetation
- ✓ Conduct terrestrial and marine ecosystem surveys using belt and line transects, quadrats and underwater cameras
- ✓ Understand methods of benthic surveys and fish counting techniques
- ✓ Learn the importance of health and safety assessments for proposed fieldwork and prepare
- ✓ a workplace health and safety plan

Career Outcomes

- Marine Field Assistant
- Education officer assistant
- Environmental consultant assistant
- Resident Assistant in aquariums and NGOS
- Field Technician
- Coastal restoration officer
- Public liaison assistant in the marine conservation field

Marine Volunteer Hub & Industry Work Experience

Envirotech's Marine Volunteer Hub offers our students the opportunity to develop their professional work experience, support Australian conservation and restoration efforts, and give back to the community.

Through collaboration with leading marine industry organisations, Envirotech are able to offer a diverse range of volunteer work placement experiences. Professional skill development can be supported through involvement in oyster reef regeneration, seagrass and mangrove surveying, coastal dune restoration, and coral conservation initiatives.

Students can build their professional network, learn from leading innovators in the Australian marine industry, and nuture future employment opportunities.

Some of our partner organisations include:

REEF CHECK AUSTRALIA

HUMPBACKS & HIGHRISES

Ocean CONNECT

THE UNIVERSITY OF QUEENSLAND AUSTRALIA

Coral Sea Foundation

BYRON RANGERS

MOONDAREWA INC.

Weekly Timetable

	MON	TUE	WED	THUR	FRI	SUN
Morning Class 09:00 - 11:30					Academic Mentoring	
Lunch Class 12:00 to 14:30	Academic Mentoring	Academic Mentoring	Academic Mentoring	Academic Mentoring	Academic Mentoring	
Afternoon Class 15:00 - 17:30	Academic Mentoring	Academic Mentoring	Academic Mentoring	Academic Mentoring	Academic Mentoring	Academic Mentoring
Evening Class 18:00 - 20:30	Academic Mentoring	Academic Mentoring	Theory Delivery	Theory Delivery	Academic Mentoring	Academic Mentoring

* In-person practical week occours at the end of each term.
Academic year is comprised of four terms.

Annual Academic Calendar

JANUARY

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

FEBRUARY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

MARCH

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

APRIL

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

MAY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

JUNE

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

JULY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

AUGUST

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SEPTEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

OCTOBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

NOVEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

DECEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Face-to-Face Practical Sessions

Online Theory Sessions

Academic Mentoring & Assessment Completion

Public Holidays

Term Breaks

Intake Dates

About Envirotech

Envirotech Education Pty Ltd 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's VET accreditations are offered to: international, domestic, indigenous, and high school students.

Envirotech has in-house expert trainers, mentors, and business developers, who are dedicated to connecting students to an industry journey, and engagement in sustainable and regenerative environmental projects.

Our Marine Team

Dr. Tiffany Delport
Co-CEO (Envirotech International)

Melinda de Luna
Co-CEO & Assessor

Prof. Nadav Shashar
Professor & Marine Expert

Dr. Miguel Fortes
International Blue Carbon Expert

Dr. Steven Andrews
Lead Trainer and Assessor

Scott Wallace
Trainer & Assessor

David Lennon
Trainer & Assessor

Glenda Cadigal
Trainer & Assessor

Kane James
Volunteer Hub Coordinator

Cherry Jalover-Par
Academic Support
& Content Developer

Maricar Daquioag
Academic Support
& Content Developer

Lyle John Cortes
Academic Support
& Content Developer

Noeme Fabiosa
Academic Support
& Content Developer


mares

ENVIROTECH
EDUCATION

CONTACT

Tel: + 61 (7) 5535 3766
Email: admissions@envirotech.edu.au

www.envirotech.edu.au

GOLD COAST

62-66 Goodwin Terrace
Burleigh Heads
Queensland, 4220

BYRON BAY

1 Skinners Shoot Rd
Byron Bay NSW 2481

ENVIROTECH EDUCATION PTY LTD

ABN: 83133701578
ACN: 133701578
RTO ID: 31871
CRICOS Provider Code: 03094J