







# MSS50122 Diploma of Sustainable Operations CRICOS 112538A

See business through a sustainability lens.

Develop sustainable initiatives and explore career opportunities in industry.

-  [www.envirotech.edu.au](http://www.envirotech.edu.au)
-  [@envirotecheducation](https://www.instagram.com/envirotecheducation)
-  [Envirotech Education](https://www.facebook.com/EnvirotechEducation)
-  [admissions@envirotech.edu.au](mailto:admissions@envirotech.edu.au)



# Course Overview

Sustainable Development Goals (SDG) are a global commitment. Learning and applying sustainable practices is our duty to manage our businesses responsibly.

By studying Diploma of Sustainable Operations, you will learn how to identify sustainability issues within different industries, and apply your knowledge to improve sustainability performance (economic, social, and environmental performance) of any business operation.



Envirotech Mentors: 15 Hours/week

Lectures: 5 Hours/week

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



Online  
Support



Blended  
Mode



Paid/Unpaid  
WorkPlacement



58  
weeks



16  
Units



Workplace  
Application

## CORE UNITS

MSS015042	MEASURE AND REPORT CARBON FOOTPRINT
MSS015043	DEVELOP STRATEGIES FOR MORE SUSTAINABLE USE OF RESOURCES
MSS015046	DEVELOP A BUSINESS CASE FOR SUSTAINABILITY IMPROVEMENTS
MSS015047	DEVELOP STRATEGIC SUSTAINABILITY REPORTS
MSS015048	IMPLEMENT SUSTAINABILITY PLANS

## ELECTIVE UNITS

MSS015040	CONDUCT A SUSTAINABILITY ENERGY AUDIT
MSS017021	SET STRATEGIC DIRECTIONS FOR CIRCULARITY
MSS014018	APPLY CIRCULARITY DESIGN THINKING TO ALL WORK STREAMS
MSS015050	CONDUCT AN EMISSION AUDIT
MSS015045	DEVELOP REQUIRED SUSTAINABILITY REPORTS
MSS015049	CONDUCT A SUSTAINABLE WATER USE AUDIT
MSS015044	DESIGN SUSTAINABLE PRODUCT OR PROCESS
MSMENV672	DEVELOP WORKPLACE POLICY AND PROCEDURES FOR ENVIRONMENTAL SUSTAINABILITY
PMASUP520	REVIEW PROCEDURES TO MINIMISE ENVIRONMENTAL IMPACT OF PROCESS
BSBPMG536	MANAGE PROJECT RISK
TLIX0015X	MANAGE FUNDAMENTAL ASPECTS OF SUPPLY CHAINS

# Skill Sets (Micro Credentials)

Skill Sets are combinations of units of competency which link to a licence or regulatory requirement or defined industry need. This program offer specialised accredited skill sets from the program start date to advance our students quality employment options.

- MSSSS00020 Apply 5S
- MSSSS00016 Energy Management Skill Set
- MSSSS00028 Lead Sustainability Improvement Skill Set
- MSSSS00029 Contribute to sustainable operations Skill Set
- MSSSS00030 Determine energy use Skill Set





# Qualification Outcomes

This course guides students in the development of an ecologically sustainable perspective covering foundations of economic, social, and environmental sustainability performance. Following the course, students will be equipped with the skills required to support implementation of sustainable practices and policies in the workplace.

## Skills and Knowledge Development

**Upon completion of the course participants will be able to:**

- Research and develop strategic sustainability plans
- Understand dynamics of 5S organisation systems
- Measure and report on carbon footprint of a product or product class
- Conduct energy and emission audit
- Understand how to run a business efficiently and sustainably
- Implement ecologically sustainable practices in business operation
- Apply sustainable work health and safety (WHS) policy in the workplace
- Use business platforms to develop sustainability reports
- Support development of case studies for sustainability improvement
- Facilitate sustainability culture improvement in an organisation

# Career Outcomes

- Sustainability Advisor
- Sustainable Operations Supervisor
- Sustainable Operations Specialist
  - Sustainability Manager
  - Environmental Officer
  - Sustainability Officer
- Sustainability Coordinator

# Vocational Industry Placement (VIP)

Mandatory Vocational Placement program designed to enrich students' educational experience through practical, real world engagement.

- 40 weeks and requiring a commitment of 16 hours per week (Face-to-face or online or combination of both)
- This program pairs students with an Industry Vocational Placement Host providing an invaluable opportunity to apply theoretical knowledge in a professional setting.
- Students have the flexibility to bring their own Vocational Placement Host (possible employers), allowing for a personalised experience that aligns with their career aspirations and interests.

The primary objectives of this placement are skills development, networking, and enhanced employability. Through hands-on experience, students will refine their professional skills, build meaningful industry connections, and significantly boost their job readiness, giving them a competitive edge in the job market.

This mandatory placement is a pivotal component of the Envirotech Education curriculum, ensuring students not only learn but also experience the realities of their chosen field.

# 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

## 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	

1 - New Year's Day, 27 - Australia Day

## FEBRUARY

S	M	T	W	T	F	S
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23	24	25	26	27	28	

## MARCH

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23	24	25	26	27	28	29
30	31					

## APRIL

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20	21	22	23	24	25	26
27	28	29	30			

18 - Good Friday, 19 - Easter Saturday, 20 - Easter Sunday, 21 - Easter Monday, 25 - Anzac Day

## MAY

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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

5 - Labour Day (QLD)

## JUNE

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22	23	24	25	26	27	28
29	30					

9 - King's Birthday (National Except QLD & WA)

## JULY

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27	28	29	30	31		

## AUGUST

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24	25	26	27	28	29	30
31						

13 - Royal Queensland Show (QLD)

## SEPTEMBER

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28	29	30				

## OCTOBER

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19	20	21	22	23	24	25
26	27	28	29	30	31	

06 - King's Birthday (QLD) & Labour Day (NSW)

## NOVEMBER

S	M	T	W	T	F	S
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

## DECEMBER

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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

25 - Christmas Day, 26 - Boxing Day



Public Holiday



Term Break



Intake Date





**ENVIROTECH EDUCATION PTY LTD**

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**CONTACT**

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**Sol Gardens Currumbin Valley**  
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**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

