

Pre-enrolment Information



MSS50218 Diploma of Environmental Monitoring and Technology Geraldton

Release 1

PRE-ENROLMENT INFORMATION

WHY CHOOSE TAFE?

More courses, more qualifications, more places to learn. Full time, part time, on campus, online, in your workplace or any combination of these.

With more than 980 TAFE qualifications to choose from, delivered by five TAFE colleges at campuses right across Western Australia, there are more opportunities than ever for you to make your name.

From Certificate I to Advanced Diploma level, TAFE specialises in combining theory with practical training in industry relevant learning environments. This ensures you are well equipped with the skills you need to enter the workforce, gain a promotion or undertake further study via one of our university pathways upon completion of your qualification.

For more information about TAFE and Central Regional TAFE, check out our website at www.centralregionaltafe.wa.edu.au

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MSS50218 Diploma of Environmental Monitoring and Technology

Course Information

MSS50218 Diploma of Environmental Monitoring and Technology

The MSS50218 Diploma of Environmental Monitoring and Technology specifies the competencies required to apply a range of methods and technologies to conduct environmental sampling, testing and monitoring in most industry sectors, and to assist environmental scientists, engineers and planners with site assessment, minimising environmental impacts of processes and remediation/rehabilitation of sites.

This qualification applies to environmental officers, environmental protection officers, environmental compliance officers, environmental technicians and similar personnel employed by enterprises and Commonwealth, state/territory and local governments. These personnel often work with environmental scientists, engineers, planners and community groups to manage and conserve natural systems and resources, minimise pollution, remediate/rehabilitate sites and trial practical strategies to protect and improve ecosystems. Their work often involves environmental monitoring and technology, internal auditing and continuous improvements to enhance compliance and minimise the environmental impacts of processes. Government employees may be more involved with external inspection and auditing of enterprises and negotiating appropriate responses to instances of non-compliance.

Packaging Information

To be awarded the MSS50218 Diploma of Environmental Monitoring and Technology, competency must be achieved in a total of **twenty (20)** units of competency.

TOTAL NUMBER OF UNITS = 20

11 CORE UNITS

9 ELECTIVE UNITS, CONSISTING OF:

- A MINIMUM OF 5 UNITS FROM GROUP A
- THE BALANCE OF UNITS, TO A MAXIMUM OF 4, MAY BE SELECTED FROM:
 - GROUP A AND B
 - UP TO 3 UNITS FROM GROUP C
 - UP TO 4 UNITS FROM ANY ENDORSED TRAINING PACKAGE OR ACCREDITED COURSE AT DIPLOMA LEVEL – THESE UNITS MUST BE RELEVANT TO THE WORK OUTCOME.

Duration

3 semesters/18 months

Location

Geraldton

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Stage	Unit of competency (National code and title)	Core or Elective	Pre-requisite	Amount of training (For the standard learner, suggested hours may change based on needs of individual learners)
1	MSL943004 Participate in laboratory/field workplace safety	C		15 hours of class and practical (Note: safety aspects are taught and assessed in almost every unit as well)
1	MSL974022 Undertake environmental field based monitoring	C		15 hours of practical class activities 15 hours of class
1	MSMENV472 Implement and monitor environmentally sustainable work practices	C		9 hours of class activities 15 hours of project work
1	MSS024015 Apply an understanding of environmental principles to a site	C		45 hours of practical class activities 30 hours of class activities 10 hours of structured out of class activities
1	MSS024016 Process and present environmental data	C		42 hours of class activities
1	MSS025020 Provide environmental information to customers	C		24 hours of class activities

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1	MSL924004 Use laboratory application software	E		8 hours of class activities 45 hours of practical activities
1	MSL974019 Perform chemical tests and procedures	E		20 hours of class activities 50 hours of practical activities
2	MSL952001 Collect routine site samples	C		15 hours of practical class activities 4 hours lecture
2	MSS024014 Implement environmental management plans and procedures	C		15 hours of practical class activities 15 hours of class
2	MSS025017 Assist with assessing site environmental indicators	C	MSS024015 Apply an understanding of environmental principles to a site	85 hours of practical class activities 15 hours of class activities
2	MSS025018 Assess the environmental risk or impact of a project activity or process	C	MSS024015 Apply an understanding of environmental principles to a site	21 hours of practical class activities 15 hours of class 5 hours of structured out of class activities
2	MSS025023 Plan and conduct environmental project work	E		21 hours field and class 60 hours research and project work
2	MSL974021 Perform biological procedures	E		63 hour practical classes 34 hour theory classes 5 hours of structured out of class activities

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2	MSS024018 Perform sampling and testing of water	E		45 hours of practical class activities 15 hours of class
3	MSS025019 Report environmental data	C	MSS024016 Process and present environmental data	60 hours classes (lectures and exercises/questions) 10 hours project completion
3	MSL975042 Design and supervise complex environmental field surveys	E	MSL974022 Undertake environmental field-based monitoring	12 hours theory 80 hours research and project work
3	MSL975045 Perform laboratory-based ecological techniques	E	MSL974021 Perform biological procedures	12 hours theory 80 hours research and project work
3	MSS015034 Inform and educate organisation and community representatives on sustainability issues			10 hours of structured out of class activities 30 hours of class
3	MSS025013 Assist with assessing and monitoring wetlands	E (A)		35 hours of field work 15 hours of class work including data handling and project reporting

Entry Requirements

Search for your course on our website at www.centralregionaltafe.wa.edu.au and you can find detail on the entry requirements for this course.

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Career Pathways

Your course provides you with skills and knowledge to enter the workforce in varied job roles as well as further education. Details can be found on our website at

www.centralregionaltafe.wa.edu.au

Course Costs

You will find detailed information about your course costs and how the costs are compiled on the Central Regional TAFE website here :

<http://www.centralregionaltafe.wa.edu.au/futurestudents/feespaymentoptions>

Alternatively, check the drop down box for FEES on your course page on the website which will also have details about the course fees.

Textbooks and Learning Materials

Our physical and online library has a wide range of written and electronic resources useful to your course. You can find our online library on the Central Regional TAFE website at :

<http://www.centralregionaltafe.wa.edu.au/currentstudents/librarybookshop>

For on campus students your learning materials for each unit will be provided to you as you progress through the semester and the price is incorporated in your enrolment fees.

If you are enrolled off campus other information about your learning materials and purchases will be provided with your enrolment.

Other Course Requirements

Some courses may require you to provide additional resources such as Personal Protective Equipment (PPE) or uniforms. A list is provided below.

Uniform – Applied and environmental sciences polo shirt available from totally workwear \$41.25 (optional)

- Applied and environmental sciences hi-vis polo available from totally workwear \$28.45 (optional)

Students need to provide:

- Hat (wide brimmed or legionnaire style preferred)
- Sunglasses,
- Uniform or high-vis shirt and sturdy long pants for field work
- Enclosed shoes
- Steel cap lace up boots (essential for some industrial site visits)
- Calculator

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- Ruler
- Pens, pencils and other writing implements
- Paper/A4 exercise books
- Folder (Ring and display)
- Protector sheets

STUDY OPTIONS

Central Regional TAFE aims to provide varied options for study to suit your needs. Not all courses are available at all campuses in the same way.

The following options are available in this course at this campus. For additional information about flexible study options at all of our campuses please check the courses pages on the Central Regional TAFE website.

- Face to Face
- Flexible/workplace
- Students are expected to allow a minimum of 5 hours home study time per week.

YOUR TIMETABLE

Geraldton Campus students can locate their Timetables from the myPortal page on the Central Regional TAFE website. You can also subscribe to your timetable so that you can view in your own Calendar. Details on how to subscribe to your Calendar can be found on the myTimetable link in the Student Portal.