

Pre-enrolment Information



MSS40218 Certificate IV in Environmental Monitoring and Technology Geraldton

Release 1

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

PRE-ENROLMENT INFORMATION

MSS40218 Certificate IV in Environmental Monitoring and Technology

Course Information

Course Title	MSS40218 Certificate IV in Environmental Monitoring and Technology
<p>The MSS40218 Certificate IV in Environmental Monitoring and Technology specifies the competencies required to conduct environmental sampling, testing and monitoring in a variety of industry sectors, such as:</p> <ul style="list-style-type: none"> • environmental monitoring, sampling and field testing (e.g. air, water, soil and rocks) • geotechnical services • natural resource management • water supply and treatment, storm and wastewater management • solid and hazardous waste management. <p>This qualification applies to environmental assistants, environmental technicians and similar personnel employed by enterprises and Commonwealth, state/territory/local governments in the sectors listed above. Many of these employees are engaged in the monitoring of environmental impacts at industrial sites. They operate monitoring equipment, collect samples and conduct tests both in the field and at site laboratories. Other employees may collect a range of field data relating to the suitability of land and water use and process and present this data using geographical information systems (GIS) software.</p>	
Packaging Information	<p>To be awarded the MSS40218 Certificate IV in Environmental Monitoring and Technology, competency must be achieved in a total of sixteen (16) units of competency.</p> <ul style="list-style-type: none"> • eight (8) core units of competency • eight (8) elective units of competency, as specified below. <ul style="list-style-type: none"> • a minimum of five (5) units from Group A • the balance of units, to a maximum of three (3) may be selected from: <ul style="list-style-type: none"> • Group A units, not previously selected • Group B and C units
Duration	2 semesters/12 months
Location	Geraldton

PRE-ENROLMENT INFORMATION

MSS40218 Certificate IV in Environmental Monitoring and Technology

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 (Note: safety aspects are taught and assessed in almost every unit as well)
1	MSS024013 Work and communicate effectively as an environmental technician	C		18 hours of class activities
1	MSMENV272 Participate in environmentally sustainable work practices	C		8 hours of class activities 8 hours of practical work
1	MSL974022 Undertake environmental field based monitoring	C		15 hours of practical class activities 15 hours of class
1	MSL952001 Collect routine site samples	C		15 hours of practical class activities 4 hours lecture
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

PRE-ENROLMENT INFORMATION

MSS40218 Certificate IV in Environmental Monitoring and Technology

1	MSS024016 Process and present environmental data	C		42 hours of class (lectures and exercises/questions)
1	MSL934004 Maintain and calibrate instruments and equipment	E ©		20 hours of class activities 60 hours of practical activities
1	MSL973013 Perform basic tests	E ©		10 hours class activities 40 hours practical activities
2	MSS024014 Implement environmental management plans and procedures	C		15 hours of practical class activities 15 hours of class
2	MSL924004 Use laboratory application software	E (A)		8 hours of class activities 45 hours of computer based activities
2	MSL974019 Perform chemical tests and procedures	E (A)		20 hours of class activities 50 hours of practical activities
2	MSL974021 Perform biological procedures	E (A)		63 hour practical classes 34 hour theory classes

PRE-ENROLMENT INFORMATION

MSS40218 Certificate IV in Environmental Monitoring and Technology

2	MSMENV472 Implement and monitor environmentally sustainable work practices	E (A)		15 hours of project activities 9 hours of class activities
2	MSS024018 Perform sampling and testing of water	E (A)		45 hours of practical class activities 15 hours of class
2	MSS025023 Plan and conduct environmental project work	E (B)		9 hours of practical class activities 12 hours of class 60 hours of project activities

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.

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.

PRE-ENROLMENT INFORMATION

MSS40218 Certificate IV in Environmental Monitoring and Technology

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

- Applied and environmental sciences hi-vis polo available from totally workwear \$28.45
- Steel cap lace up boots
- Long pants
- Hat
- Sunglasses

Stationary – calculator

- Pens
- Ring binders
- Display folders
- Loose leaf A4 paper, or A4 exercise books
- Ruler
- Sheet protectors

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.

PRE-ENROLMENT INFORMATION

MSS40218 Certificate IV in Environmental Monitoring and Technology

- 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.