



HOW TO USE THIS COURSE.

This course has been written for Biology students who are taking part in a fieldwork excursion to [Field of Mars Environmental Education Centre](#) in Sydney, Australia.

Though the course sections are arranged in a logical order you may like to browse on your own terms

The Navigation table below shows which sections are considered to be:

- the **Minimum** requirements for a good understanding of the topic
- the **Fieldwork** knowledge requirements for students preparing for the Field of Mars EEC excursion
- the **Reporting** framework information for student preparing a report based on the excursion.

		Minimum	Fieldwork	Reporting
Your Introduction to the topic, A Local Ecosystem				
1.1	Your tasks and worksheet	★		
1.2	Real world applications		★	
1.3	Syllabus content and outcomes			★
Local ecosystems in focus				
2.1	Study site location and surroundings		★	
2.2.1	Ecosystem types - Dry sclerophyll woodland	★		
2.2.2	Ecosystem types - Mangrove forest	★		
2.3.1	Human impacts - Recent human impacts			★
2.3.2	Human impacts - Historical human impacts			★
Fieldwork investigation				
3.1	Rationale - real world management contexts		★	
3.2	Investigation planning and design			★
3.3	Working with biotic variables	★		
3.4.1	Abiotic variables - Air temperature, humidity, wind speed	★		
3.4.2	Abiotic variables - Light intensity	★		
3.4.3	Abiotic variables - Aspect and slope	★		
3.4.4	Abiotic variables - Soil pH	★		
3.4.5	Abiotic variables - Soil texture	★		
3.4.6	Abiotic variables - Soil temperature	★		
3.5	Abiotic variables - Data management		★	
3.6	Analysis of results and reaching a conclusion			★
Practical fieldwork notes				
4.1	Planning for effective group work		★	
4.2	Technology		★	
4.3	Safety		★	