



Marine and Aquaculture Technology Year 9 and 10 Elective

Course Information

The Year 9 Marine and Aquaculture Technology course is a 200 hour elective that is completed over the course of Year 9 and Year 10. Students learn about the importance of marine biodiversity and the sustainable use of marine ecosystems as they build their knowledge and skills in the marine field.



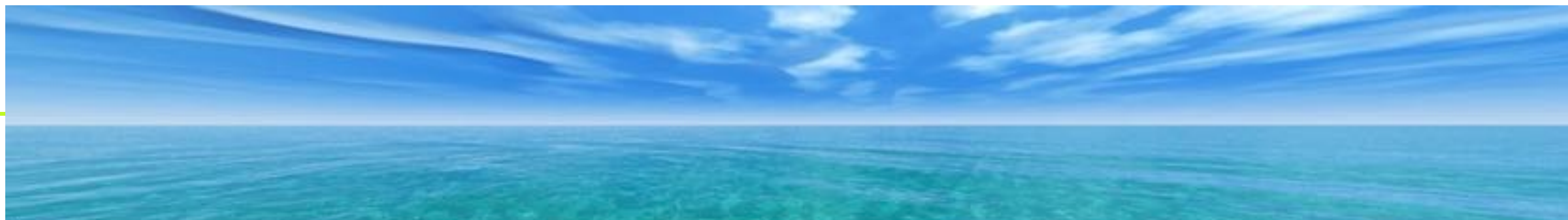
Topics

Year 9:

- Introduction to Marine and Aquaculture Technology
- Living Together in the Sea
- The Oceans
- Fish Biology
- Fish Harvesting
- Food from the Sea

Year 10:

- Skills, Management and Employment
- Basic Snorkelling
- Marine Mammals
- Dangerous Marine Creatures
- Personal Interest Project
- Underwater Farming
- Coastal Management



Course Requirements

Throughout Year 9 and 10 Marine and Aquaculture Technology elective, the following items are required:

- A4 exercise book and writing utensils (or a device to record information if preferred)
- Snorkel, mask and fins (opportunity to purchase through the school in Year 10)
- Fishing rod and tackle (optional)



Course Requirements

Marine and Aquaculture Technology students are also expected to assist in maintaining the L4 classroom fish tanks, as well as conduct regular water testing of Narara Creek through the WaterWatch NSW program.



Excursions

Please note that Marine and Aquaculture does involve a variety of excursions (some of which incur a fee). These include:

- Port Stephens Marine Studies Camp (run every 2nd year)
- Snorkelling
- Fishing
- Sydney Sea Life Aquarium
- Sydney Fish Markets
- Learn to Surf
- Clean4Shore
- Whale Watching



Mandatory Swim Test

In order for students to participate in water-based activities, they must demonstrate their competence through a mandatory swim test. This is held each year at the school Swimming Carnival (usually held in early February) at Gosford Olympic Swimming Pool. While students may still enrol in the course without completing the swim test, they will not be allowed to attend any water-based excursions. The test involves:

- 200m swim (any stroke, untimed)
- 25m swim (fully clothed)
- Remove clothing while in water
- 10m swim (underwater)
- 3 minute treading water

