

# KINGSCLIFF HIGH SCHOOL

## Subject Selection Information



**Faculty:** Science

**Subject:** Stage 5 Marine and  
Aquaculture Technology  
(100 hour and 200 hour)



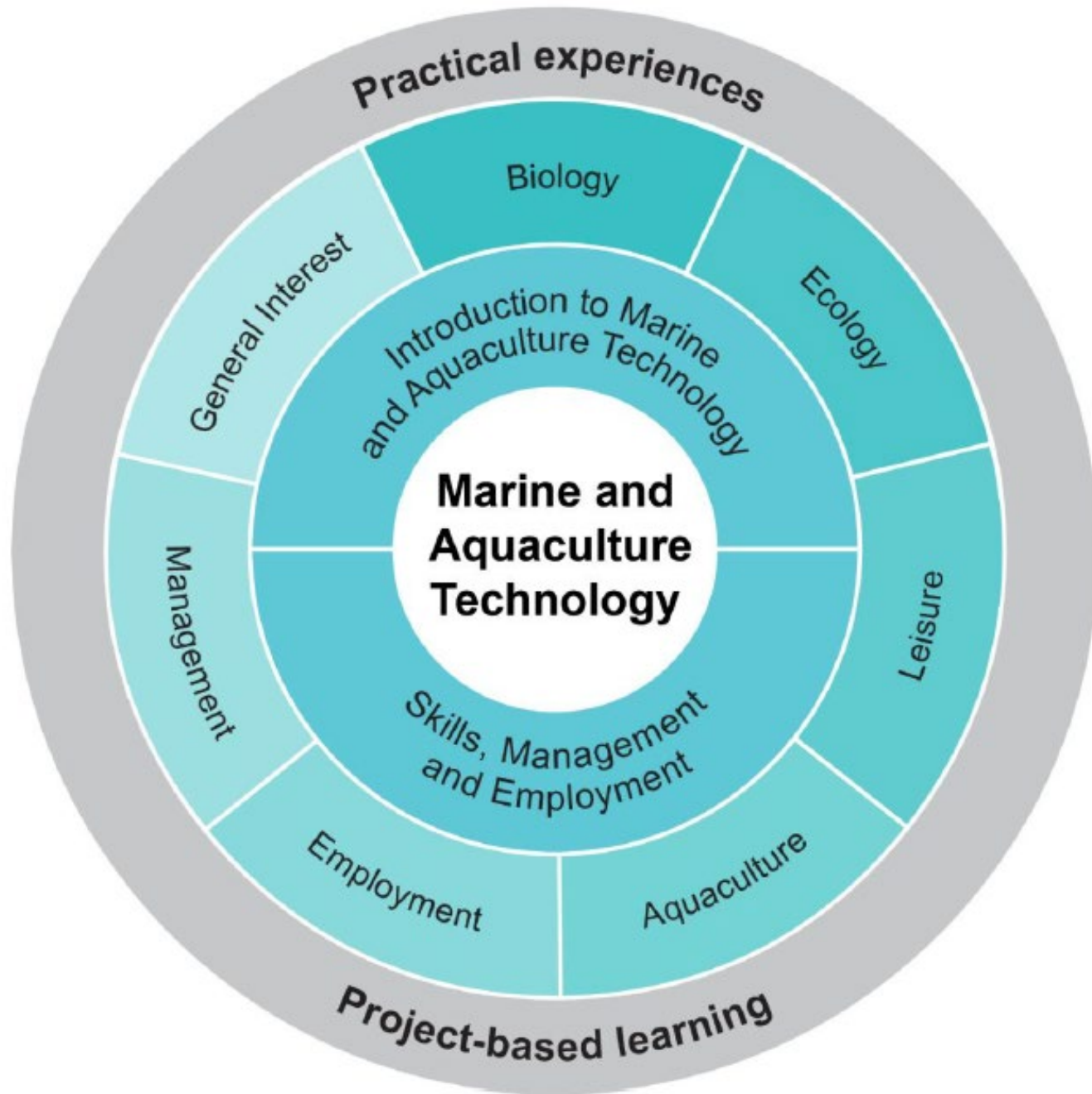
# Classification of the Course:

## Board Developed Course

## Nature of the Course

Students learn about marine and aquatic environments, water safety, general first aid and the maintenance of equipment. The economic sustainability of aquaculture and marine environments are explored, together with the preservation of wild seafood stocks. Students learn about the ethical and sustainable use, management and protection of the marine environment and a range of industries and organisations that use, manage and regulate the marine environment.

The major focus of the syllabus is on practical experiences. Students learn about Work Health and Safety issues, apply principles of water safety and first aid in marine situations. They learn to responsibly select, use and maintain materials and equipment, and use appropriate techniques in the context of the selected modules. Students learn to research, experiment and communicate in relation to marine and aquaculture activities. Other learning experiences in the course are dependent on the option modules studied.



## Nature of the Course

# Nature of the Course

## 100 Hour Course

- Students will undertake a range of practical experiences that occupy a majority of the course time
- Students will complete:
  - › Core 1 – Introduction to Marine and Aquaculture Technology
  - › 5 Option modules
- The options will be delivered individually, concurrently and/or integrated
- Options may include Dangerous Marine Creatures, Introducing Estuaries, Fish Harvesting, Tides, Marine Biology

# Nature of the Course

## 200 Hour Course

- Students will complete:
  - › Core 1 – Introduction to Marine and Aquaculture Technology
  - › 5 Option modules – may include Dangerous Marine Creatures, Introducing Estuaries, Fish Harvesting, Tides, Marine Biology
- Students will complete:
  - › Core 2 – Skills, Management and Employment
  - › 6 Option modules – may include Mangroves, Rock Platforms, Marine Mammals, Coastal Management, Marine Pests and Threats, The Abyss, Shipwrecks

# Nature of the Course

## 200 Hour Course (continued)

- Students will undertake a range of practical experiences that occupy a majority of the course time
- The options will be delivered individually, concurrently and/or integrated







# Assessment Structure

## 100 Hour Course

- Research and Practical Task(s)
- Course Examination(s)

## 200 Hour Course

- Research and Practical Task(s)
- Depth Study
- Course Examination(s)



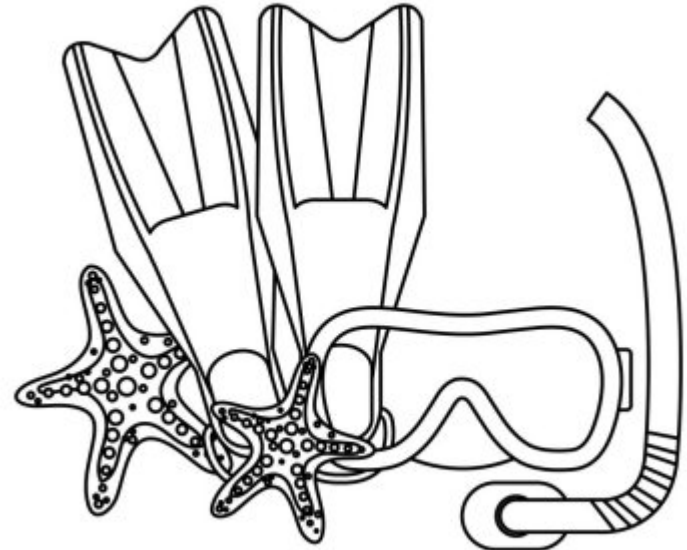


# Elective fees for the Course:

100 Hour Course	\$50 (1 year)
200 Hour Course	\$100 (2 years)

# Equipment Needed

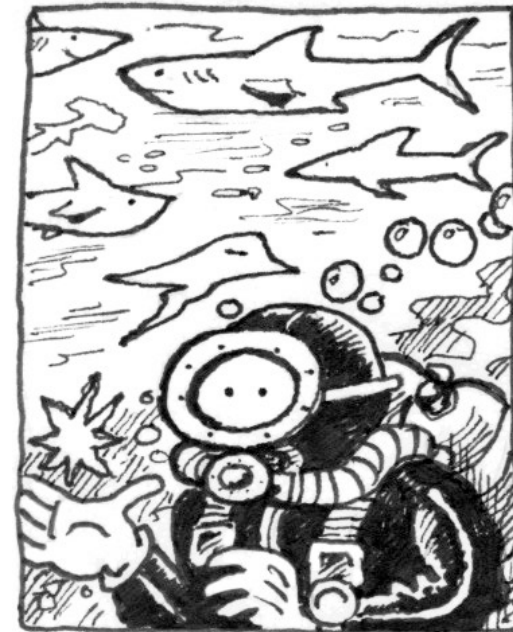
- swimmers, including board shorts
- red rash shirt or red T-shirt
- snorkel, fins and mask
- pool fee for pool sessions as required





- Marine Biologist
- Marine Research Scientist
- Ocean Engineer
- Marine Archaeologist
- Oceanographer
- Marine Engineer
- Marine Environment Economist
- Diving Instructor
- Marine Leisure Activities

## Career Opportunities





# If you would like to know more

If you would like to know more about Stage 5 Marine and Aquaculture Technology:

- Talk to your Science teacher or Mrs O’Keeffe, Head Teacher Science