SAMPLE ASSESSMENT OUTLINE

MARINE AND MARITIME STUDIES
ATAR YEAR 11
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### Sample assessment outline
#### Marine and Maritime Studies – ATAR Year 11

**Units 1 and 2**

<table>
<thead>
<tr>
<th>Assessment type (from syllabus)</th>
<th>Assessment type weighting (from syllabus)</th>
<th>Assessment task weighting</th>
<th>Week due</th>
<th>Assessment task</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science inquiry/Scientific skills/Investigation</td>
<td>15%</td>
<td>5%</td>
<td>Week 3</td>
<td><strong>Task 1</strong>: Testing for salinity – properties and characteristics of sea water. Students prepare a calibration graph based on standard solutions and test salinity of sea water. Students assess the methodology and comment on validity of any conclusions based on the methodology.</td>
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<tr>
<td>Practical</td>
<td>20%</td>
<td>5%</td>
<td>Week 7</td>
<td><strong>Task 3</strong>: Boat hull design – compare and contrast design features of specific hull designs.</td>
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<td><strong>Task 5</strong>: Deliver a new crew induction briefing Students prepare and deliver a safety and induction briefing for new boat crew.</td>
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<td><strong>Task 6</strong>: Power boating skills test – to assess a student’s ability to apply knowledge in order to safely and confidently display basic power boating skills in controlled conditions.</td>
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<td><strong>Task 12</strong>: Rope skills test – students tie eight knots in front of an assessor.</td>
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<tr>
<td>Extended response</td>
<td>10%</td>
<td>5%</td>
<td>Week 14</td>
<td><strong>Task 9</strong>: Marine resource management in-class assessment Students are provided with a recent case study/report on the Western Rock Lobster and are required to write a report that addresses specific focus questions associated with the Western Rock Lobster and its management as a marine resource.</td>
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<td><strong>Task 13</strong>: Charting skills and passage planning Students apply mapping and charting skills to plan a voyage to sea and back to port that takes account of tides, bearings, speed, distance, time and the ability to read a nautical chart.</td>
</tr>
<tr>
<td>Assessment type (from syllabus)</td>
<td>Assessment task weighting</td>
<td>When/due date/start and submission date</td>
<td>Assessment task</td>
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</tbody>
</table>
| **Test**                      | 15%                       | Week 6                                 | **Task 2**: Test – Oceanography and Environmental and resource management  
• location and characteristics of Western Australian marine ecosystems  
• measuring abiotic and biotic factors of a marine ecosystem  
• salt, seawater, petroleum and gas from the Western Australian marine environment  
• Australian Exclusive Economic Zone. |
|                                | 5%                        | Week 10                                | **Task 4**: Test – Maritime history and archaeology  
• impact of world trade patterns and historic sea routes on Western Australian coastal exploration  
• importance of exploration and mapping of the Western Australian coastline. |
|                                | 2.5%                      | Week 21                                | **Task 8**: Test – Oceanography  
• cycling of nitrogen, carbon and water through a marine ecosystem  
• interdependence of organisms within a marine ecosystem, including food webs  
• factors that create ocean currents  
• global surface ocean currents  
• global atmospheric circulation systems. |
|                                | 5%                        | Week 27                                | **Task 11**: Test – Maritime history and archaeology  
• background and location of Western Australian shipwrecks  
• historical information found within a shipwreck  
• Western Australian law protecting wreck sites  
• factors that influence the selection of artefacts for conservation and display. |
| **Examination**               | 40%                       | Examination Week 16                    | **Task 7**: Semester 1 examination – covers Unit 1 content; based on the Year 12 examination design brief (2.5 hours)  
Section 1: 15 multiple-choice questions (20% of the total examination)  
Section 2: 4–6 short answer questions (50% of the total examination)  
Section 3: two questions from a choice of four (30% of the total examination) |
|                                | 15%                       | Examination Week 32                    | **Task 14**: Semester 2 examination – covers Units 1 and 2 content with approximately 40% Unit 1 and 60% Unit 2; based on the Year 12 examination design brief (3 hours)  
Section 1: 20 multiple-choice questions (20% of the total examination)  
Section 2: 6–8 short answer questions (50% of the total examination)  
Section 3: two questions from a choice of four (30% of the total examination) |
| **Total**                     | 100%                      | 100%                                   | 100%            |