



## SAMPLE ASSESSMENT OUTLINE

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AVIATION  
GENERAL YEAR 12

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## Sample assessment outline

### Aviation – General Year 12

#### Unit 3 and Unit 4

| Assessment type       | Assessment type weighting | Assessment task weighting | Due date              | Assessment task  |
|-----------------------|---------------------------|---------------------------|-----------------------|--|
| Investigation         | 45%                       | 10%                       | Semester 1<br>Week 6  | <b>Task 2:</b> Investigation – Aviation development literature search and oral presentation (jigsaw activity – students are allocated topics from the syllabus to research and present their findings in a 5–10 minute oral presentation)  |
|                       |                           | 10%                       | Semester 1<br>Week 15 | <b>Task 6:</b> Investigation – Report of a simulated flight activity   |
|                       |                           | 10%                       | Semester 2<br>Week 6  | <b>Task 7:</b> Investigation – Aircraft performance (using the Piper Turbo Lance aircraft as an example of an advanced light aircraft, determine, under a range of parameters: fuel use, time and distance to climb and descend, TAS, cruise power settings and associated rates of climb) |
|                       |                           | 15%                       | Semester 2<br>Week 15 | <b>Task 10:</b> Investigation – Helicopter design (students plan, conduct, process and interpret data using model helicopters; they evaluate their plan, procedures, data and findings; and communicate their conclusions)   |
| Test                  | 25%                       | 5%                        | Semester 1<br>Week 3  | <b>Task 1:</b> Principles of flight test   |
|                       |                           | 10%                       | Semester 1<br>Week 13 | <b>Task 4:</b> Navigation, meteorology and radio communication test  |
|                       |                           | 10%                       | Semester 2<br>Week 12 | <b>Task 9:</b> Human factors test  |
| Practical skills test | 15%                       | 7.5%                      | Semester 1<br>Week 11 | <b>Task 3:</b> Practical skills test (use of Microsoft Flight Simulator – Cessna 172 to demonstrate general handling of aircraft)  |
|                       |                           | 7.5%                      | Semester 2<br>Week 6  | <b>Task 8:</b> Practical skills test (use of Microsoft Flight Simulator – Cessna 172 to demonstrate general handling of aircraft)  |
| Externally set task   | 15%                       | 15%                       | Semester 1<br>Week 13 | <b>Task 5: Externally set task</b> – A task set by the SCSA, based on the following content from Unit 3 – <teacher to insert information provided by the Authority>  |
| <b>Total</b>          | <b>100%</b>               | <b>100%</b>               |                       |  |