Systems Engineering SE03

Refer to [Advice for Teachers](https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-designs/systemsengineering/Pages/Index.aspx), as required.

* Production work may be delayed until classroom learning resumes.
* Where a school can go ahead with practical assessment production work relating to Outcome 1 in Term 2, the work must to be completed in a supervised school environment that adheres to current social-distancing advice. Schools need to ensure that staff who supervise have completed appropriate competency tests for use of tools and machines. Refer to the Department of Education and Training’s [Use of Machinery in Technology Teaching](https://www.education.vic.gov.au/hrweb/safetyhw/Pages/technology.aspx) webpage.

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| Outcome | Assessment task | Must be completed on-site, adhering to social-distancing advice | Notes |
| **Outcome 1**  Investigate, analyse and apply concepts and principles, and use components to design, plan and commence production of an integrated and aspects of the controlled mechanical and electrotechnological system using the systems engineering process. | * A record of investigation, design, planning and production. * Preliminary production work to create a mechanical and electrotechnological integrated and controlled system. | Investigation:   * 90 minutes per day, one day per week for a five-week period. | * Staff supervising students must have appropriate competency tests for tools and machines being used. Refer to the Department of Education and Training’s [Use of Machinery in Technology Teaching](https://www.education.vic.gov.au/hrweb/safetyhw/Pages/technology.aspx) webpage. * Period of delivery is variable dependent upon number of students who may complete the practical activity concurrently, following social-distancing rules. |