## Criterion C: Realising (Year 1)

**Students create a solution. At the end of the course, they should be able to:**

* Construct a logical plan-for-manufacture, which describes the efficient use of time and resources, sufficient for peers to be able to follow the plan to create the solution.
* Demonstrate excellent technical skills when making the solution.
* Follow the plan-for-manufacture to make the solution that functions as intended.
* Fully justify changes made to the chosen design and plan when making the solution.
* Present the solution as a whole, either:
  + - in electronic form, or through photographs/videos of the product/solution from different angles showing details.

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| **Criterion** | Level | **Generic Descriptors** | **Task Specific Clarifications** |
| ***Criterion C***  ***Realising*** | **1-2** | Demonstrates minimal technical skills when making the solution.  Makes the solution that functions poorly and is presented in an incomplete form. | You did not use your time in the workshop properly.  You were did not complete your microphone. |
| **3 – 4** | Lists the main steps in a plan-for-manufacture that contains some details, resulting in peers having difficulty following the plan.  Demonstrates adequate technical skills when making the solution.  Makes the solution that partially functions and is adequately presented.  States one change made to the final design or plan-for-manufacture when making the solution. | You listed the planning steps but did not include tools, materials and time.  You worked satisfactorily in the workshop and have taken a few photographs showing your progress.  You microphone was completed but may have a few problems.  You have stated any changes made to your design. |
| **5 – 6** | Lists the steps in a plan-for-manufacture that considers time and resources, resulting in peers being able to follow the plan.  Demonstrates proficient technical skills when making the solution.  Makes the solution which functions as intended and is presented appropriately.  States one change made to the chosen design and plan-for-manufacture when making the solution. | You listed the planning steps and have included tools, materials and time.  You worked very well in the workshop and have taken a many photographs showing your progress.  You microphone was completed, looks like your design and works well.  You have explained any changes made to your design. |
| **7 - 8** | Outlines a plan-for-manufacture, which considers the use of resources and time, sufficient for peers to be able to follow the plan to create the solution.  Demonstrates excellent technical skills when making the solution.  Follows the plan-for-manufacture to make the solution which functions as intended and is presented appropriately  Lists the changes made to the chosen design and the plan-for-manufacture when making the solution. | You listed the all the planning steps and have included tools, materials and time.  You worked excellently in the workshop and have taken a many photographs clearly showing your progress.  You microphone was completed to a high standard, looks like your design and works well.  You have explained all changes made to your design |