2019 T3 Manufacturability Review Assignment Marking Rubric (25% Weighting)

Individual Items

Engineering Drawing (10%)

Rubric Item	Mark
Critical Items All necessary information to be included to be able to manufacture the part. Some examples are (but not limited to): - Under dimensioned - Insufficient views - Tolerance for all dimensions - Not the same page size as stated in template (A4, A3 etc)	**25**
Format Correct style, layout and supporting information for the drawing must be included. Some examples are (but not limited to): - Completed title block - Correct font sizing - Appropriate labels - Projection style	**10**
Good Practice Correct techniques for an Engineering drawing following the AS1100 standards	**15**
TOTAL	**50**

Note: A majority of marking items have been derived from the provided Drawing Checklist from Boundy 8th Edition. This can be found on Moodle.

Work Method Sheet (4%)

Rubric Item	Mark
Logical Procedure Detailed steps and information for work manufacturing procedure such as: - Correct logical steps to manufacture part shown in Engineering Drawing	**16**
Formatting & Information Correctly formatted WMS containing all necessary and relevant information such as: - Material - Input material amount - Tooling - Safety information - Timing - Dimensions	**10**
TOTAL	**26**

Individual Routing Chart (3%)

Rubric Item	Mark
Critical Information **e,g.** - Material - Size - Type of Inspection	**15**
Formatting & Information Correct formatting of a routing chart reflecting necessary information based on the WMS.	**9**
TOTAL	**24**

Group Items

Assembly Drawing (5%)

Rubric Item	Mark
Formatting & Information Correct formatting of an assembly drawing as per the AS1100 standard detailing necessary information.	**13**
TOTAL	**13**

Assembly Chart (1%)

Rubric Item	Mark
Formatting & Information Correct formatting of an assembly chart reflecting necessary information based on the assembly drawing. Process of assembly of components should match the assembly drawing.	**4**
TOTAL	**4**

Group Routing Chart (2%)

Rubric Item	Mark
Formatting & Information Correct formatting of a routing chart reflecting necessary information and how all parts shown on assembly drawing are assembled together.	**13**
TOTAL	**13**