**Kelowna Secondary School – Senior Drafting Rubric**

Orthographic Projection – Manually Drawn

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Blk: \_\_\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** | **3 Excellent** | **2****Good** | **1****Needs Improvement** |
| Title Block* Drawn accurately according to dimensions
* Text is neat, vertical, guidelines used, letters not touching each other
* Border lines dark
* Use of ruler
* Note of dimensions in in/mm
* All capital letters
 |  |  |  |
| Planning and Spacing* Adequate white space for dimensions around objects
* Labels of views placed appropriately (bottom)
* Equal spacing between views
 |  |  |  |
| Scale* Accurate scale of 1:2 used (drawn) and labelled
* Dimensions scale 1:1
 |  |  |  |
| Ortho Projection* Accurate placement and alignment of views (FRONT, TOP, SIDE)
* Use of projection lines visible
* 45ͦ projection line used
 |  |  |  |
| Drawing Correctness* Drawn accurately according to dimensions
 |  |  |  |
| Line Work* Ruler used
* Object lines darker than others
* Hidden lines drawn correctly
* Center lines drawn correctly
* Section lines drawn correctly
 |  |  |  |
| Dimensioning* Baseline spacing (1/2")
* Text size, arrow size and extension past dim lines ¼"
* Text consistent and vertical
* No repeat dimensions
* Dimensions properly spaced amongst views
* Ruler used
* Continuous dimensions drawn correctly (no overlap)
* Leaders used properly – Towards center
* Radial and Diameter dims used appropriately
* Offset from origin (gap between object line & extension line)
* Hidden lines not dimensioned
 |  |  |  |
| **TOTAL =**  |  /21 |

**Kelowna Secondary School – Senior Drafting Rubric**

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