|  |
| --- |
| Advanced Design Applications  Learning Cycle 3: Manufacturing Unit 4  File 1.4 Looping through the Design Rubric |

**Looping Through Design Learning Cycle 3 Rubric**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element** | **Criteria** | | | | **Points** |
| **4** | **3** | **2** | **1** |
| **Overall Design Model**  Applications of the generic stages within the design process | Demonstrates exceptional applications of the design model in solving problems in the learning cycle. | Demonstrates good applications of the design model in solving problems in the learning cycle. | Demonstrates adequate applications of the design model in solving problems in the learning cycle. | Demonstrates poor applications of the design model in solving problems in the learning cycle. |  |
| **Exploration/Reflection Design Principles**  (Product)  applications of each design principle | Demonstrates exceptional applications of design principles in product design. | Demonstrates good applications of design principles in product design. | Demonstrates adequate applications of design principles in product design. | Demonstrates poor applications of design principles in product design. |  |
| **Engineer**  Applications of each design principle through researching and documenting assembly facility design | Demonstrates exceptional applications of design principles in facility design, through research and documentation. | Demonstrates good applications of design principles in facility design, through research and documentation. | Demonstrates adequate applications of design principles in facility design, through research and documentation. | Demonstrates poor applications of design principles in facility design, through research and documentation. |  |
| **Technical Illustrations of Facility Layout** | Developed exceptional technical illustrations of the facility layout. | Developed good technical illustrations of the facility layout. | Developed adequate technical illustrations of the facility layout. | Developed poor technical illustrations of the facility layout. |  |
| **Total Points** | | | | |  |