Object Project Rubric

Object Title\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Item** | **Criteria** |

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|  | **4** | **3** | **2** | **1** |
| **CAD  Efficiency (x5)** | Student **efficiently** uses CAD software as a tool to draw objects. Demonstrates a thorough understanding of program. Is able to help others. | Student is able to use software efficiently. | With help student is able to use CAD software. | Student is inefficient with the use of the software and needs constant direction to complete an object. |
| **Accuracy (x5)** | Entire object is accurately built and orientation is correct. | Object is built but has one to two errors in design.  Orientation of object is correct. | Object built has three to four errors and/or the orientation is incorrect. | Object is built with little accuracy and/or orientation is incorrect. |
| **Effort (x5)** | Student is a self-directed learner.  Takes initiative to navigate through/learn program.  Manages their time perfectly and follows format of class and takes responsibility for their own learning. | Student is able to complete assignment in a timely manner without complaint or prompting by instructor.  Is able to navigate through program with direction. Follows directions and format of assignment. | With help student is able to complete assignment.  Doesn't manage time very well.  Has difficulty remembering functions/navigating  through software. Assignment is incomplete. | Student is present in class but is not able to complete assignment due to lack of time management skills.   Needs constant prompting by instructor to get work done. Is unfamiliar with software and/or relies on others to talk through step by step. |
| **Drawing Elements (x5)** | Drawing is complete to required specifications. Shows measurements on all orthographic drawings as well as labels on isometric drawing | Shows all required views, contains most measurements and labels. Drawing set up is correct | Contains required views and specifications. Drawing is not completed or is missing measurements and labels | Drawing shows only one view. Does not include measurements. |
| **Totals (x5)** |  |  |  |  |