**Engineering Intro-Mini Project Assignment Rubric**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  | **Criteria Categories** |  |  |  |  |  |
|  | **Concepts/** |  |  | **Beginning** |  |  | **Developing** |  |  | **Accomplished** |  |  | **Exemplary** |  |  |  |
|  | **Skills to be** |  |  |  |  |  |  |  |  |  | **Score** |  |
|  |  |  | **0-10 points** |  |  | **11-14 points** |  |  | **15-17 points** |  |  | **18-20 points** |  |  |
|  | **Assessed** |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | In the engineer- |  | In the engineer- |  | In the engineer- |  | In the engineer- |  |  |
|  |  |  |  | ing notebook, |  | ing notebook, |  | ing notebook, |  | ing notebook, |  |  |
|  | **Sketches/** |  |  | the sketches of |  | many of the |  | most the  |  | the sketches of |  |  |
|  |  |  | the different |  | sketches of the |  | sketches of the |  | the different |  |  |
|  | **Drawings in** |  |  |  |  |  |  |  |
|  |  |  | sports balls |  | different sports |  | different sports |  | sports balls |  |  |
|  | **Engineering** |  |  |  |  |  |  |  |
|  |  |  | were missing or |  | balls were not |  | balls were |  | were labeled |  |  |
|  | **Notebook** |  |  |  |  |  |  |  |
|  |  |  | poorly drawn. |  | labeled |  | labeled. 1 or 2 |  | and include |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | correctly. |  | components |  | precise |  |  |
|  |  |  |  |  |  |  |  |  |  | were missing, |  | measurements. |  |  |
|  |  |  |  | Most of the |  | Some of the |  | Most of the |  | Procedure |  |  |
|  |  |  |  | steps were |  | steps were |  | procedure’s |  | steps were |  |  |
|  | **Procedure/** |  |  | missing or were |  | understandable |  | steps were |  | logical and |  |  |
|  | **Engineering** |  |  | confusing. |  | but some were |  | understandable, |  | adequately |  |  |
|  | **Design** |  |  | There was no |  | confusing and |  | including new |  | detailed, |  |  |
|  | **Process** |  |  | new ball design. |  | lack detail, |  | ball design. |  | including new |  |  |
|  |  |  |  |  |  |  | including new |  |  |  |  | ball design. |  |  |
|  |  |  |  |  |  |  | ball design. |  |  |  |  |  |  |  |  |
|  |  |  |  | Presented an |  | Presented an |  | Presented a |  | Presented a |  |  |
|  |  |  |  | illogical |  | illogical |  | logical |  | logical |  |  |
|  |  |  |  | explanation for |  | explanation for |  | explanation for |  | explanation for |  |  |
|  |  |  |  | findings and |  | findings and |  | findings and |  | findings and |  |  |
|  | **Conclusion** |  |  | does not |  | addresses few |  | addresses |  | addresses |  |  |
|  |  |  | address any of |  | questions. |  | **some** of the |  | **most** of the |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  | the questions or |  |  |  |  | questions, |  | questions, |  |  |
|  |  |  |  | include the |  |  |  |  | including the |  | including the |  |  |
|  |  |  |  | concepts of |  |  |  |  | concepts of |  | concepts of |  |  |
|  |  |  |  | energy/collision. |  |  |  |  | energy/collision. |  | energy/collision. |  |  |
|  |  |  |  | Presentation |  | Presentation |  | Presentation |  | Presentation |  |  |
|  |  |  |  | did not |  | did not clearly |  | communicated |  | **clearly** |  |  |
|  |  |  |  | effectively |  | communicate at |  | the procedure, |  | communicated |  |  |
|  |  |  |  | communicate |  | least one |  | data gathered, |  | the procedure, |  |  |
|  | **Presentation** |  |  | the process and |  | component and |  | conclusions, |  | data gathered, |  |  |
|  |  |  | it was evident |  | it was evident |  | and **some** of |  | conclusions, |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  | that the team |  | that the team |  | the questions. |  | and questions. |  |  |
|  |  |  |  | did not work |  | did not work |  | The team |  | The team |  |  |
|  |  |  |  | collaboratively. |  | collaboratively |  | worked |  | worked |  |  |
|  |  |  |  |  |  |  |  |  |  | collaboratively. |  | collaboratively. |  |  |
|  |  |  |  | Presentation |  | Presentation |  | Presentation |  | Presentation |  |  |
|  | **Promptness/** |  |  | was handed in |  | was one day |  | handed in on |  | handed in on |  |  |
|  |  |  | later than one |  | late and/or had |  | time with a |  | time with no |  |  |
|  | **Grammar** |  |  |  |  |  |  |  |
|  |  |  | day and/or had |  | three or less |  | couple of |  | spelling or |  |  |
|  | **and Spelling** |  |  |  |  |  |  |  |
|  |  |  | four+ spelling or |  | spelling or |  | spelling or |  | grammar errors. |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  | grammar errors. |  | grammar errors. |  | grammar errors. |  |  |  |  |  |
| **Teacher notes:** |  |  |  |  |  |  |  |  |  | **Total Points** |  |  |