### ASTR 1771 Rubric for the Gemini Project Presentation – 40 Possible Points – Graded as a Group

<table>
<thead>
<tr>
<th>Category / Score</th>
<th>Expert</th>
<th>Proficient</th>
<th>Apprentice</th>
<th>Novice</th>
<th>Notes</th>
<th>Score</th>
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</thead>
</table>
| **Object Background (10 Points)** | • Object background contains useful and interesting information  
• Background is a pleasure to listen to, informative, and compelling | • Object background contains useful and accurate information  
• Background is engaging | • Object background contains key information but is too short, sparse on detail, or incorrect in some details  
• Background sounds like a list of facts rather than engaging | • Object background is lacking, non-existent, or blatantly false  
• Background is dull or rough to listen to | | |
| **Data Product Analysis and Presentation (10 Points)** | • Description of data product is clean, clear, and concise  
• Visual of data product is clearly and expertly explained  
• Another student has a clear idea of how data product was created | • Description of analysis is clear  
• Visual of data product is explained  
• Another student has sense of how data product was created, but guesswork might be required | • Description of the analysis is occasionally confusing/misleading  
• Visual of data product is inadequately explained  
• Expert/instructor/prior knowledge has idea of how data product was created | • Description of analysis is incorrect or misleading  
• Visual of data product not present or not explained  
• It is unclear how the resulting data product was produced | | |
| **Calculation and Explanation (10 Points)** | • Calculation is correct and clearly/cleanly explained  
• Another student could repeat and understand the calculation based on provided description | • Calculation is correct  
• Another student could repeat the calculation based on provided description, but may struggle to generalize beyond this | • Calculation is mostly correct, but inadequate detail is provided  
• Expert/instructor/prior knowledge would be required alongside the description provided to repeat the calculation | • Calculation is grossly incorrect or flawed  
• It is unclear how the resulting calculation was made based on the narrative | | |
| **Clarity and Dynamism (10 points)** | • No spelling & grammar mistakes  
• Vocabulary use is appropriate and displays mastery of content  
• Presentation is compelling and memorable | • Minimal spelling & grammar mistakes  
• Vocabulary use is appropriate  
• Presentation is interesting | • Noticeable spelling & grammar mistakes  
• Vocabulary use is correct but clunky/awkward  
• Presentation style is adequate but not engaging | • Routine spelling & grammar mistakes  
• Vocabulary use is incorrect or confusing  
• Presentation is dull, largely read from cards, or otherwise difficult to pay attention to | | |

**Final Score**