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## Supplemental Materials

for

### **A Modified Challenge-Based Learning Approach in a Capstone Course to Improve Student Satisfaction and Engagement**

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#### **Table of Contents**

(Total pages 2)

Appendix 1: Oral Presentation Rubric

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## Oral Presentation Rubric

CATEGORY/ WEIGHT	4	3	2	1	Score out of 4	Weighted Score	Comments
<b>Content Mastery</b> (30%)	Shows mastery of the question being addressed from multiple perspectives.	Shows a good understanding of the topic from multiple perspectives.	Shows a good understanding of parts of the topic (limited in scope).	Does not seem to understand the topic very well.		x7.5	
<b>Comprehension</b> (20%)	Student is able to accurately answer all questions posed by classmates about the topic.	Student is able to accurately answer most questions posed by classmates about the topic.	Student is able to accurately answer a few questions posed by classmates about the topic.	Student is unable to accurately answer questions posed by classmates about the topic.		x5	
<b>Analysis</b> (25%)	Clear, accurate integration of the literature is included. Both positives and negatives are weighed in presentation and conclusions are justified.	Literature is used and presented well. Analysis is good but not complete and informs the students' opinions.	Limited articles used in presentation and not analyzed completely (or only from one side). Opinions are partially supported by research.	Literature review is poor and not looked at with a critical eye. Opinions are only marginally supported by their research.		x4	
<b>Multimedia</b> (10%)	Student uses several multimedia pieces that show considerable work/creativity and which make the presentation better.	Student uses 1 multimedia item that shows considerable work/creativity and which make the presentation better.	Student uses 1 multimedia item which makes the presentation better.	The student uses no multimedia OR those chosen detract from the presentation.		x2.5	
<b>Enthusiasm</b> (5%)	Facial expressions and body language generate a strong interest and enthusiasm about the topic in others.	Facial expressions and body language sometimes generate a strong interest and enthusiasm about the topic in others.	Facial expressions and body language are used to try to generate enthusiasm, but seem somewhat faked.	Very little use of facial expressions or body language. Did not generate much interest in topic being presented.		x1.25	
<b>Preparedness</b> (5%)	Student is completely prepared and has obviously rehearsed and presentation is well-timed.	Student seems pretty prepared but might have needed a couple more rehearsals. Presentation is slightly over or under.	The student is somewhat prepared, but it is clear that rehearsal was lacking.	Student does not seem at all prepared to present. Presentation significantly over or under.		x1.25	
<b>Vocabulary</b> (5%)	Uses vocabulary appropriate for the audience. Extends audience vocabulary by defining words that might be new to most of the audience.	Uses vocabulary appropriate for the audience. Includes 1-2 words that might be new to most of the audience, but does not define them.	Uses vocabulary appropriate for the audience. Does not include any vocabulary that might be new to the audience.	Uses several (5 or more) words or phrases that are not understood by the audience.		x1.25	