

Mr. Campeau's ICS 3U Culminating Activity Rubric

Categories	50-59 % (LVL1)	60-69% (LVL2)	70-79% (LVL3)	80-100% (LVL4)
<p>KNOWLEDGE AND UNDERSTANDING (20%)</p> <p>Specific criteria: Student demonstrates an understanding of how to write an application using different data types, control structures, algorithms and subprograms.</p>				
<p>Knowledge of content</p> <p>The student demonstrates...</p>	limited knowledge of content	some knowledge of content	considerable knowledge of content	thorough knowledge of content
<p>Understanding of content</p> <p>The student demonstrates...</p>	limited understanding of content	some understanding of content	considerable understanding of content	thorough understanding of content
<p>THINKING (25%)</p> <p>Specific criteria: Student uses an adequate variety of problem-solving strategies in order to create the application. Student also validates program to ensure that it consistently produces expected results.</p>				
<p>Use of planning skills</p> <p>The student uses planning skills with...</p>	limited effectiveness	some effectiveness	considerable effectiveness	a high degree of effectiveness
<p>Use of processing skills</p> <p>The student uses processing skills with...</p>	limited effectiveness	some effectiveness	considerable effectiveness	a high degree of effectiveness
<p>Use of critical/creative thinking processes</p> <p>The student uses critical/creative thinking processes with...</p>	limited effectiveness	some effectiveness	considerable effectiveness	a high degree of effectiveness
<p>COMMUNICATION (20%)</p> <p>Specific criteria: Student uses proper code maintenance techniques and naming conventions (variables, functions, classes). Student provides proper internal documentation that clearly explains program logic. In the video and during the presentation, the student effectively uses Computer Science vocabulary and terminology and demonstrates good overall communication skills.</p>				
<p>Expression and organization of ideas and information</p> <p>The student expresses/organizes ideas & information with...</p>	limited effectiveness	some effectiveness	considerable effectiveness	a high degree of effectiveness
<p>Communication for different audiences and purposes</p> <p>The student communicates for different audiences and purposes with...</p>	limited effectiveness	some effectiveness	considerable effectiveness	a high degree of effectiveness
<p>Use of conventions, vocabulary, and terminology of the discipline</p> <p>The student uses conventions, vocabulary, and terminology of the discipline with...</p>	limited effectiveness	some effectiveness	considerable effectiveness	a high degree of effectiveness
<p>APPLICATION (35%)</p> <p>Specific criteria: Student effectively applies programming techniques in order to create an application (or a series of applications).</p>				
<p>Application of knowledge and skills in familiar contexts</p> <p>The student applies knowledge and skills in familiar contexts with...</p>	limited effectiveness	some effectiveness	considerable effectiveness	a high degree of effectiveness
<p>Transfer of knowledge and skills to new contexts</p> <p>The student transfers knowledge and skills to new contexts with...</p>	limited effectiveness	some effectiveness	considerable effectiveness	a high degree of effectiveness
<p>Making connections within and between various contexts</p> <p>The student makes connections within and between various contexts with...</p>	limited effectiveness	some effectiveness	considerable effectiveness	a high degree of effectiveness