

ICS3U - SDLC And Flowcharting

Student Name: _____ Date: _____

Items	Needs Improvement (0 Points)	Beginning (2 Points)	Developing (2.5 Points)	Accomplished (3 Points)	Exemplary (4 Points)
B4.2 - use a variety of techniques (e.g., dialogue, research) to clarify program specifications;	Does not clarify program specifications	Demonstrates limited clarification of the program specifications	Demonstrates some clarification of the program specifications by using a small variety of techniques	Demonstrates clarification of the program specifications by using a variety of techniques	Demonstrates superior clarification of the program specifications by using a wide variety of techniques
B2.4 - represent the structure ... of a program using industry-standard programming tools (e.g., flow chart, pseudocode);	Does not represent the structure of a program	Demonstrates limited representation of structure, and does not use industry-standard programming tools	Demonstrates some representation of structure, while using industry-standard programming tools	Demonstrates the proper use of industry-standard programming tools to represent structure	Demonstrates a superior use of of industry-standard tools in order to explain and represent the structure and components of a program
B2.5 - design user-friendly software interfaces (e.g., prompts, messages, screens, forms)	Does not design a user interface	Interface designed, but it is not user-friendly	Interface designed, and is somewhat user-friendly	A user-friendly interface has been designed	A highly detailed and well-constructed user-friendly interface has been designed.
B4.1 - describe the phases (i.e., problem definition, analysis, design, ...) ... of a software development life cycle (SDLC);	Cannot describe the SDLC	Demonstrates the ability to vaguely describe the SDLC	Demonstrates some ability to describe the SDLC	Demonstrates the ability to describe the phases of the SDLC	Demonstrates the ability to describe the phases of the SDLC with a high degree of effectiveness
B2.2 - use appropriate vocabulary and mode of expression (i.e., written, oral, diagrammatic) to describe alternative program designs, and to explain the structure of a program;	Vocabulary is inappropriate to field	A limited amount of vocabulary is appropriate to the field	Some of the vocabulary used is appropriate to the field	Vocabulary is appropriate to explain the structure of the program	Vocabulary is highly effective in describing alternative program designs and the structure of the program