

# Programming Final Project Rubric

	Needs Improvement 1	Satisfactory 2-4	Good 5-7	Excellent 8-10	Score
Part A – Industry Research	Provides answers to fewer than 4 questions.	Provides answers to at least 4 questions.	Provides complete answers to all of the questions.	Demonstrates comprehensive understanding of material and goes beyond requirements.	
Part A – Presentation	Poorly organized, sequence not logical, little evidence of planning, low quality or no visual aids.	Fairly well organized, sequence not logical, little evidence of planning, low quality visual aids.	Fairly well organized, sequence not always logical, some evidence of planning, use of one high quality visual aid.	Well-organized, logical sequence, clear evidence of planning, use of two or more high quality visual aids.	
Part B – Industry Research	Provides answers to fewer than 2 questions.	Provides complete answers to 2 questions.	Provides complete answers to all of the questions.	Demonstrates comprehensive understanding of material and goes beyond requirements.	
Part B – Presentation	Poorly organized, sequence not logical, little evidence of planning, low quality or no visual aids.	Fairly well organized, sequence not logical, little evidence of planning, low quality visual aids.	Fairly well organized, sequence not always logical, some evidence of planning, use of one high quality visual aid.	Well-organized, logical sequence, clear evidence of planning, use of two or more high quality visual aids.	
Part C - Critical Thinking – Analysis	Ignores or superficially evaluates obvious alternative points of view.	Ignores or superficially evaluates obvious alternative points of view in several cases.	Offers analyses and evaluations of obvious alternative points of view.	Accurately interprets evidence, statements, graphics, questions, etc. consistently throughout project	
Part C - Critical Thinking – Conclusions	Has insufficient information to draw conclusions.	Conclusions are not related to information.	Accurately draws conclusions most of the time.	Draws warranted, well supported conclusions.	

Part C - Critical Thinking – Justification	Does not justify results or procedures, nor explain reasons.	Justifies few results or procedures, seldom explains reasons.	Justifies some results or procedures, explains reasons.	Justifies key results and procedures, explains assumptions and reasons.	
Part C - Career Plan – Facts	Statement of facts is missing.	Statement of facts is incomplete and/or incoherent.	Projects includes most of the facts needed stated in an organized fashion.	Project includes a complete, coherent, well-organized statement of facts.	
Part C - Career Plan – Additional Information	Additional information has not been identified or is incoherent.	Some of the necessary additional information has been identified and/or has not been clearly stated.	Most of the necessary additional information has been identified and clearly stated.	Necessary additional information has been identified and clearly stated.	
Part C - Career Plan – Flowchart	Flowchart is incomplete, does not use proper symbols and is incoherent.	Flowchart is mostly complete, contains 4 or more errors in use of symbols and is not clearly laid out.	Flowchart is complete, contains less than 4 errors in use of symbols and/or is not clearly laid out.	Flowchart is complete, uses proper symbols and is clearly laid out.	
Part C - Career Plan - Pseudocode	Pseudocode is incomplete, does not follow proper coding procedure and is incoherent.	Pseudocode is mostly complete, contains 4 or more errors in coding procedure and/or is incoherent.	Pseudocode is complete, contains less than 4 errors in coding procedures and/or is not coherent.	Pseudocode is complete, uses proper coding procedures and is coherent.	
Part C - Career Plan – User Documentation	Documentation is poorly written, incomplete and contains many grammatical errors.	Documentation does not cover all aspects of program and/or contains 5 or more grammatical errors.	Documentation is comprehensive but contains less than 5 grammatical errors.	Documentation is comprehensive, well written and contains no grammatical errors.	
Resources	No resources are appropriately cited.	Some resources are appropriately cited.	Most resources are appropriately cited.	All resources are appropriately cited.	
Total points					
Total points available					130
Grade on project					