

Cross Reference from Project 1

You are to fill-in with where located in code

| Chapter | Section | Topic | Where Line #'s | Pts | Notes |
|---------|----------------------|---------------------------------|----------------------|-----|---|
| 2 | 2 | cout | | | |
| | 3 | libraries | 12 - 18 | 5 | iostream, iomanip, cmath, cstdlib, fstream, string, ctime |
| | 4 | variables/literals | 53 - 91 | | No variables in global area, failed project! |
| | 5 | Identifiers | 53 - 91 | | |
| | 6 | Integers | 76 - 82 | 1 | |
| | 7 | Characters | 88 | 1 | |
| | 8 | Strings | 68 - 70 | 1 | |
| | 9 | Floats No Doubles | 85 | 1 | Using doubles will fail the project, floats OK! |
| | 10 | Bools | 91 | 1 | |
| | 11 | Sizeof ***** | | | |
| | 12 | Variables 7 characters or less | | | All variables <= 7 characters |
| | 13 | Scope ***** No Global Variables | | | |
| | 14 | Arithmetic operators | | | |
| | 15 | Comments 20%+ | | 2 | Model as pseudo code |
| | 16 | Named Constants | | | All Local, only Conversions/Physics/Math in Global area |
| | 17 | Programming Style ***** Emulate | | | Emulate style in book/in class repository |
| | | | | | |
| 3 | 1 | cin | | | |
| | 2 | Math Expression | 250 | | |
| | 3 | Mixing data types **** | | | |
| | 4 | Overflow/Underflow **** | | | |
| | 5 | Type Casting | 247 | 1 | |
| | 6 | Multiple assignment ***** | | | |
| | 7 | Formatting output | 500, 504, 508 | | |
| | 8 | Strings | 68-70 | 1 | |
| | 9 | Math Library | 12 | 1 | All libraries included have to be used |
| | 10 | Hand tracing ***** | | | |
| | | | | | |
| 4 | 1 | Relational Operators | | | |
| | 2 | if | 367 | 1 | Independent if |
| | 4 | If-else | 156 - 182 | 1 | |
| | 5 | Nesting | 200 - 207 | 1 | |
| | 6 | If-else-if | 200-238 | 1 | |
| | 7 | Flags ***** | | | |
| | 8 | Logical operators | 156 | 1 | |
| | 11 | Validating user input | 466 | 1 | |
| | 13 | Conditional Operator | 210 | 1 | |
| | 14 | Switch | 494 - 514 | 1 | |
| | | | | | |
| 5 | 1 | Increment/Decrement | 209 | 1 | |
| | 2 | While | 619 | 1 | |
| | 5 | Do-while | 113 - 128 | 1 | |
| | 6 | For loop | 189 | 1 | |
| | 11 | Files input/output both | 616 - 625, 627 - 631 | 2 | |
| | 12 | No breaks in loops ***** | | | Failed Project if included |
| | | | | | |
| | | | | | |
| ***** | Not required to show | | Total | 30 | |

Cross Reference for Project 2

You are to fill-in with where located in code

| Chapter | Section | Topic | Where Line #'s | Pts | Notes |
|----------------------------|---------|--|-------------------|-----|---|
| 6 | | Functions | | | |
| | 3 | Function Prototypes | 29 -44 | 4 | Always use prototypes |
| | 5 | Pass by Value | 29 | 4 | |
| | 8 | return | 477 | 4 | A value from a function |
| | 9 | returning boolean | 453 | 4 | |
| | 10 | Global Variables | | XXX | Do not use global variables -100 pts |
| | 11 | static variables | 475 | 4 | |
| | 12 | defaulted arguments | 36 | 4 | |
| | 13 | pass by reference | 32 | 4 | |
| | 14 | overloading | 35, 36 | 5 | |
| | 15 | exit() function | 467 | 4 | |
| 7 | | Arrays | | | |
| | 1 to 6 | Single Dimensioned Arrays | 59 - 61 | 3 | |
| | 7 | Parallel Arrays | 73, 74 - 469, 470 | 2 | |
| | 8 | Single Dimensioned as Function Arguments | 30 | 2 | |
| | 9 | 2 Dimensioned Arrays | 62 | 2 | Emulate style in book/in class repository |
| | 12 | STL Vectors | 65 | 2 | |
| | | Passing Arrays to and from Functions | 567 | 5 | |
| | | Passing Vectors to and from Functions | 550 | 5 | |
| | | | | | |
| 8 | | Searching and Sorting Arrays | | | |
| | 3 | Bubble Sort | 550 | 4 | |
| | 3 | Selection Sort | 534 | 4 | |
| | 1 | Linear or Binary Search | 456 | 4 | |
| | | | | | |
| | | | | | |
| ***** Not required to show | | | Total | 70 | Other 30 points from Proj 1 first sheet tab |