# Cross Reference for 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 | 11-17 | 8 | iostream, iomanip, cstdlib, ctime,string,fstream,cmath |
| | 4 | variables/literals | 19-25 | | No variables in global area, failed project! |
| | 5 | Identifiers | | | |
| | 6 | Integers | 26,49,56,86,10 8,109,183 | 3 | |
| | 7 | Characters | 19-25 | 3 | |
| | 8 | Strings | 25 | 3 | |
| | 9 | Floats No Doubles | 114 | 3 | Using doubles will fail the project, floats OK! |
| | 10 | Bools | 83;115 | 4 | |
| | 11 | Sizeof ***** | | | |
| | 12 | Variables 7 characters or less | | | All variables <= 7 characters |
| | 13 | Scope ***** No Global Variables | | | |
| | 14 | Arithmetic operators | | | |
| | 15 | Comments 20%+ | 1-10,19-26,29,30,32,33,39,47,54, 84,111,113,115,119,120, 142,182,207,216,226 | 5 | 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 repositiory |
| | | | | | |
| 3 | 1 | cin | | | |
| | 2 | Math Expression | | | |
| | 3 | Mixing data types **** | | | |
| | 4 | Overflow/Underflow **** | | | |
| | 5 | Type Casting | 241 | 4 | |
| | 6 | Multiple assignment ***** | | | |
| | 7 | Formatting output | 26-38;193-203 | 4 | |
| | 8 | Strings | 16-22 | 3 | |
| | 9 | Math Library | 16,241 | 4 | All libraries included have to be used |
| | 10 | Hand tracing ****** | | | |
| | | | | | |
| 4 | 1 | Relational Operators | | | |
| | 2 | if | 50 | 4 | Independent if |
| | 4 | If-else | 29-34 | 4 | |
| | 5 | Nesting | 30-37;59-62;63-83 | 4 | |
| | 6 | If-else-if | 121-154 | 4 | |
| | 7 | Flags ***** | | | |
| | 8 | Logical operators | 71 | 4 | |
| | 11 | Validating user input | 107 | 4 | |
| | 13 | Conditional Operator | 45 | 4 | |
| | 14 | Switch | 206-235 | 4 | |
| | | | | | |
| 5 | 1 | Increment/Decrement | 22,44,49,60,61,66,90,91 | 4 | |
| | 2 | While | 58 | 4 | |
| | 5 | Do-while | 183-190 | 4 | |
| | 6 | For loop | 29-38;63-82;93-105; 111;236 | 4 | |
| | 11 | Files input/output both | | 8 | |
| | 12 | No breaks in loops ****** | | | Failed Project if included |
| | | | | | |
| | | | | | |
| ****** Not required to show | | | Total | 100 | |