

COSC1336 Study Guide – Test 1 (chapters 1, 2, 3, Pseudocode)

Bring pencil. No book or notes on this exam.

CPU – ALU, CU, registers
Bit, Byte
ASCII
Hardware
Software
High and Low-level languages
Microprocessors
Source file and extension
Source
Object
Executable file and extension
Compile
Syntax Errors
Logic Errors
Reserved words
Naming variables
Identifiers
Defining and initializing variables
integer, float, character, string data types
Program comments
Preprocessor commands
Algorithm
Data/information
Debugging
Mixed-mode expressions
Variables
Literal values
cout
cin
arithmetic operators
;
Hierarchy of operations/order of precedence
Assignment statements
Prompts (Interactive Input)
strings vs characters
endl and \n
defining, inputting and outputting strings using arrays of characters
combined operators
increment and increment operators
decrement and decrement operators
constants
kilobyte, megabyte, gigabyte
pseudocode handout
Formatting output: setprecision,,fixed,showpoint
cin.getline Know when to use these preprocessor commands: #include <iostream> ,#include <iomanip>
math functions (predefined functions)

NOT included in this exam:
typecasting
writing to files
putback, peek, dot notation, setfill, left, right, putback, clear,
defining strings using the string type
random numbers
cin.ignore

Good exercises: all chapter 1,2,3 exercises,
Review your quizzes