Exam study guide:

Build an executable from the command line – debugging flags, naming things, multiple files into one executable

Fire up the debugger – know how to launch the debugger, start a program, simple things like setting breakpoints & printing variables (gdb)

Command line arguments – where they come into the program, how to use them, etc.

Convert C++ to c code: C i/o vs C++ i/o, classes vs structs, etc.

Arrays in C and memory management – problem similar to problem 1 on HW3

Comfortable with signed/unsigned number implementations

Comfortable with floating point numbers – no question exactly like converting from one format to another, but questions that require us to know how it works

Bitwise operators

PG 40 in regular textbook – size of several common data types, especially considering 32 and 64-bit machines

Assume 64-bit machines unless the problem says otherwise

Watch presentation 11 on the YouTube playlist (not covered on midterm)

Watch “from small and simple things” (recommended, also not on midterm)