

CSC 103 ♦ HOW COMPUTERS WORK
HOMEWORK 3: COMPUTER COMPONENTS
DUE 2:00 PM ON FRIDAY, 1 OCTOBER 2010 ON PAPER
OR 5:00 PM ON FRIDAY, 1 OCTOBER 2010 VIA MOODLE

Computer Disassembly Lab Report

For this week's homework assignment, you will expand on Monday's computer disassembly activity. Listed below are some of the components you should have encountered as you took apart your machine. For each component, please give the following information:

1. Name of component
2. Brand/model/technical stats, if noted.
3. Photograph of the component, if you have one. (In most word processing programs these days, you can simply drag a photo file into a document you are working on, and then adjust the size and location as desired.)
4. A few sentences describing the function performed by this component. You may need to do some research to complete this part, and should cite the sources where you found the information – see these [citation guidelines](#) for examples. You may use the course text(s), as well as web sites such as [How Stuff Works](#) and [Fact Monster](#), among others.
5. Finally, a list of the components connected to this one, and type of connection for each (if observed) – number of wires/pins, colors, etc. Based on the component function you described in part 4, speculate why these connections exist, and what might be transmitted through them.

Here are the components you should cover, at minimum:

Optical Drive (CD/DVD)
Floppy Drive (if installed)
Hard Drive
Power Supply
Motherboard
Heat Sink
CPU Chip
Memory Chips
Graphics Card

Coverage of the above will ensure a decent grade. For top credit, add information on other components you were able to identify and describe.