



CPU Disassembly Assignment Checklist

Area **Competency**
G. **CPU Disassembly**

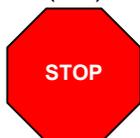
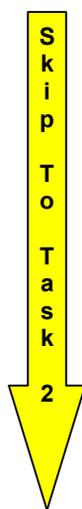
| | | | |
|-------------|------------------------|----------------------------|------------------------------|
| <u>Task</u> | <u>Task/Skill</u> | <u>Started</u> mm/dd/yy | <u>Completed</u> mm/dd/yy |
| 1. | CPU Disassembly | (/ /) | (/ /) |

After you play the Introduction Video, print out the CPU Disassembly Study Guide and Assignment Checklist. You and your instructor will use the Assignment Checklist to record your progress through this section. **Start at sub-task “a” and proceed through this portion of the checklist. Once you’ve completed the Pre-Test go directly to Task 2 – CPU Disassembly Overview.**

You will watch a series of videos showing how to remove and replace component parts of the desktop CPU. Study each of these videos carefully while taking notes using your Study Guide. You should be able to perform these tasks as well as know key terms regarding CPU disassembly. When you are finished with each lesson complete the CPU Disassembly exam.



| <u>Sub</u> | <u>Init</u> | <u>Time</u> | <u>Type of Task</u> | <u>Task Description</u> |
|------------|-------------|-------------|---|-----------------------------|
| a. | () | 1 Min | Computer Aided Instruction Source: CSS Course – CPU Disassembly | Introduction |
| b. | () | 1 Min | Computer Aided Instruction Source: CSS Course – CPU Disassembly | Instructions |
| c. | () | 2 Min | Computer Aided Instruction Source: CSS Course - CPU Disassembly | Assignment Checklist |
| d. | () | 10 Min | Pre-Test Source: CSS Course - CPU Disassembly | CPU Disassembly |
| ----- | | | | |
| e. | () | 20 Min | Exercise Source: CSS Course - CPU Disassembly | Review |
| f. | () | 10 Min | Performance Test | Notebook Review |
| g. | () | | Notes Source: CSS Course - CPU Disassembly | Study Guide |
| h. | () | 15 Min | Exam Source: CSS Course - CPU Disassembly | CPU Disassembly |



 Lastname, First

 Student Number

 Period

Complete each subtask in the order presented. Your supervisor will initial each subtask as it's successfully completed. You must indicate the task start and completion dates. Submit this form to the instructor as each task area is completed to receive credit.

Task Task/Skill
2 CPU Disassembly Overview

Play each of the video lessons and study them carefully. Be sure to take notes using the CPU Disassembly Study Guide jotting down key points regarding the CPU Disassembly procedure. Keep in mind that you will remove and replace (R&R) CPU components in the next task. You'll need to remember each step and what must be done to safely and properly complete a periodic maintenance inspection.



| <u>Sub</u> | <u>Init</u> | <u>Time</u> | <u>Type of Task</u> | <u>Task Description</u> |
|------------|-------------|-------------|--|---------------------------------|
| a. | () | 5 Min | Video Source: CSS Course – CPU Disassembly | Chassis Cover |
| b. | () | 5 Min | Video Source: CSS Course – CPU Disassembly | Power Supply |
| c. | () | 5 Min | Video Source: CSS Course – CPU Disassembly | CDROM Drive |
| d. | () | 5 Min | Video Source: CSS Course – CPU Disassembly | Floppy Disk Drive |
| e. | () | 5 Min | Video Source: CSS Course – CPU Disassembly | Hard Disk Drive |
| f. | () | 5 Min | Video Source: CSS Course – CPU Disassembly | Static Sensitive Devices |
| g. | () | 5 Min | Video Source: CSS Course – CPU Disassembly | Interface Boards |
| h. | () | 5 Min | Video Source: CSS Course – CPU Disassembly | Motherboard |
| i. | () | 5 Min | Video Source: CSS Course – CPU Disassembly | Motherboard Components |

Task Task/Skill
3 Disassembling the CPU

You'll now remove and replace (R&R) key components of a CPU. Follow the step-by-step checklist in the PC Disassembly Guide. **Following the manual is mandatory.** The disassemble process is complex and you must not rely on memory alone to perform it. Using the technical manual will not only insure a correct reassembly, it will reduce the likelihood of a costly repair should you make a mistake. Before you start, make sure you have a valid work order, job control item, and equipment ID tag. In each of the following subtasks you will:

1. **Test the CPU to Make Sure it Functions Correctly**
2. **Remove the Component**
3. **Replace the Component**
4. **Test The CPU to Make Sure You Removed and Replaced the Component Correctly**

Complete each subtask in the order presented. Your supervisor will initial each subtask as it's successfully completed. You must indicate the task start and completion dates. Submit this form to the instructor as each task area is completed to receive credit.

You can use any functioning CPU to perform this work. Be sure to record your progress on your Work Order.

| <u>Sub</u> | <u>Init</u> | <u>Time</u> | <u>Type of Task</u> | <u>Task Description</u> |
|------------|-------------|-------------|---|---------------------------------------|
| a. | () | 25 Min | Exercise Source: CPU Disassembly Guide Unit: Exercise 1 | CPU Disassembly |
| b. | () | 5 Min | Performance Test Source: CPU Disassembly Guide Unit: Exercise 2a | Chassis Cover R&R |
| c. | () | 10 Min | Performance Test Source: CPU Disassembly Guide Unit: Exercise 2b | Power Supply R&R |
| d. | () | 10 Min | Performance Test Source: CPU Disassembly Guide Unit: Exercise 2c | CDROM Drive R&R |
| e. | () | 10 Min | Performance Test Source: CPU Disassembly Guide Unit: Exercise 2d | Floppy Disk Drive R&R |
| f. | () | 10 Min | Performance Test Source: CPU Disassembly Guide Unit: Exercise 2e | Hard Disk Drive R&R |
| g. | () | 10 Min | Performance Test Source: CPU Disassembly Guide Unit: Exercise 2f | Interface Boards R&R |
| h. | () | 15 Min | Performance Test Source: CPU Disassembly Guide Unit: Exercise 2g | Motherboard R&R |
| i. | () | 15 Min | Performance Test Source: CPU Disassembly Guide Unit: Exercise 2h | Motherboard Components R&R |
| j. | () | 10 Min | Exercise Source: CSS Course – CPU Disassembly Unit: Exercise 2i | PC Disassembly Work Order |



Complete each subtask in the order presented. Your supervisor will initial each subtask as it's successfully completed. You must indicate the task start and completion dates. Submit this form to the instructor as each task area is completed to receive credit.