



# Computer Technology

Western Technical-Commercial School

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Section: \_\_\_\_\_

Partner: \_\_\_\_\_

## Computer Teardown, Maintenance/Clean, and Rebuild

Follow steps/instructions carefully to earn full marks. After each step is completed, do a self-check evaluation and have your partner peer evaluate you. T-Checks require you to check-in with teacher before moving on to your next step. Missing or skipping T-Checks will result in marks off.

### Checklist/Steps:

Information Steps/Guide		Tracking & Evaluation			
Step #	Description	/Mark	Self	Peer	Teacher
1	Find a suitable workspace with room to set-up and disassemble system. Identify and tag your computer, i.e. get the <b>basic specs</b> (1 PDF page), confirm specs, and <b>tag unit with your name</b> , record brand: Model: Serial#:	5			
2	Take cover off and <b>sketch a full page</b> of the computer box showing part integration, identifying key components, connections, and relevant details/notes. Use leaders brought outside of the computer sketched area for text/information, also take an internal picture.	10			
3	Collect and <b>connect CPU box</b> , monitor, keyboard, and mouse with related cables (careful not to bend d-sub video monitor pins when inserting) routing them neatly for an organized station area. With teacher present, <b>power up</b> to see current state of computer system and document here of its full working state: _____ _____	5			
<b>T-Check</b>					
4	Power down system, disconnect all cables to CPU box and put on cart to air <b>clean</b> (after safety lesson, remember glasses) near or outside exit door to ensure minimal dust /dirt.	5			
5	Bring your CPU box back to your station area and make room for an organized <b>disassembly</b> with a small parts container for screws and for all computer components removed, each component deep cleaned – air and wipe, placed in an organized layout, take a picture of full disassemble, and check with teacher.	10			
<b>T-Check</b>					
6	<b>Reassemble</b> with careful attention to your sketch, maps, picture and notes. Ensure all components and cabling are back in original location and placement.	10			
7	<b>Double check your connections</b> , organize cables routing, <b>leave power cable disconnected until teacher is present</b> to inspect and turn on for initial boot/power-up test.	15			
<b>T-Check</b>					
	Attach this as page first, with safety, specs, sketch/pic, parts pic, and total up marks here >	60			