



| Outcomes  |   | HW<br>0124 | HW<br>0205 | HW<br>0219 | HW<br>0312 | So Far | Totals |   |
|-----------|---|------------|------------|------------|------------|--------|--------|---|
| <b>1</b>  | <b>Perform operating system tasks that are typically viewed as “power user” activities.</b>   |            |            |            |            |        | +      | 2 |
| <b>1a</b> | Effectively and efficiently use a command-based operating system shell.                       | /          | +          |            | +          | +      |        | 2 |
| <b>1b</b> | Monitor and manage processes and memory use.  |            | +          |            |            | +      | /      | 4 |
| <b>1c</b> | Navigate, monitor, and manage a logical file system.  |            | /          |            |            | /      | -      | 0 |
| <b>1d</b> | Redirect input and output streams to and from files, processes, and networked computers.      |            |            |            |            |        | O      | 7 |
| <b>1e</b> | Interact with operating systems across the network.   |            | /          |            |            | /      |        |   |
| <b>2</b>  | <b>Implement common operating system functionalities and algorithms.</b>                      |            |            |            |            |        |        |   |
| <b>2a</b> | Build and deploy an operating system kernel.  |            |            |            | /          | /      |        |   |
| <b>2b</b> | Define, implement, and invoke a new system call.  |            |            |            |            |        |        |   |
| <b>2c</b> | Write a simple operating system shell.  |            |            |            |            |        |        |   |
| <b>2d</b> | Simulate or implement standalone demonstrations of operating system scenarios and algorithms. |            |            | O          |            | O      |        |   |
| <b>2e</b> | Create a virtual disk and navigate it at the byte level.                                      |            |            |            |            |        |        |   |
| <b>3</b>  | <b>Demonstrate genre literacy within the operating system field.</b>                          |            |            |            |            |        |        |   |
| <b>3a</b> | Identify and perform equivalent tasks across distinct operating system platforms.             |            |            | O          |            | O      |        |   |
| <b>3b</b> | State and describe seminal personalities and milestones from the field's history.             |            |            |            |            |        |        |   |
| <b>4</b>  | <b>Follow academic and technical best practices throughout the course.</b>                    |            |            |            |            |        |        |   |
| <b>4a</b> | Write syntactically correct, functional code.   |            |            | O          |            | O      |        |   |
| <b>4b</b> | Demonstrate proper separation of concerns.  |            |            | O          | +          | O      |        |   |
| <b>4c</b> | Write code that is easily understood by programmers other than yourself.                      |            |            | O          | +          | O      |        |   |
| <b>4d</b> | Use available resources and documentation to find required information.                       | O          |            | O          |            | O      |        |   |
| <b>4e</b> | Use version control effectively.  | O          |            | O          |            | O      |        |   |
| <b>4f</b> | Meet all designated deadlines.  | /          |            | -          |            | /      |        |   |