



| Outcomes  |  | HW<br>0121 | HW<br>0123 | HW<br>0206 | HW<br>0220 | HW<br>0311 | HW1<br>0403 | HW2<br>0403 | DP<br>0422 | MM<br>0422 | HW<br>0501 | So Far |
|-----------|--|------------|------------|------------|------------|------------|-------------|-------------|------------|------------|------------|--------|
| <b>1</b>  | <b>Perform operating system tasks that are typically viewed as “power user” activities.</b>  |            |            |            |            |            |             |             |            |            |            |        |
| <b>1a</b> | Effectively and efficiently use a command-based operating system shell to manage and explore a machine’s processes, memory, and file system. |            |            | /          |            | +          | /           |             |            |            |            |        |
| <b>1b</b> | Redirect input and output streams to and from files, processes, and networked computers.   |            |            |            |            |            | /           |             |            |            |            |        |
| <b>1c</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.  |            |            |            |            |            |             |             | +          | +          |            | +      |
| <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> | Perform and document operating system tasks and activities, across different platforms where applicable.                                     |            |            | +          |            |            |             |             |            |            |            | +      |
| <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.  |            |            |            | +          |            | +           |             |            | +          |            | +      |
| <b>4b</b> | Demonstrate proper separation of concerns.   |            |            |            | +          | +          | +           |             | +          | /          |            | +      |
| <b>4c</b> | Write code that is easily understood by programmers other than yourself.   |            |            |            | +          | +          |             |             | +          | +          |            | +      |
| <b>4d</b> | Use available resources and documentation to find required information.  | +          | +          |            | +          | +          | /           | +           | +          | +          |            | +      |
| <b>4e</b> | Use version control effectively.   | +          | +          | +          | +          |            | +           | +           | /          | +          |            | +      |
| <b>4f</b> | Meet all designated deadlines.   | +          | +          | +          | +          | +          | +           | +           | +          | +          |            | +      |

## Totals

|   |    |
|---|----|
| + | 12 |
|   | 3  |
| / | 0  |
| - | 0  |
| 0 | 0  |
|   |    |