**Totals** 

0

0

| 35         | Outcomes  | HW<br>0124 | HW<br>0205 | HW<br>0219 | HW<br>0312 | HW<br>0319 | So Far |
|------------|---|------------|------------|------------|------------|------------|--------|
| 1          | Perform operating system tasks that are typically viewed as "power user" activities.          |            |            |            |            |            |        |
| 1a         | Effectively and efficiently use a command-based operating system shell.                       | ı          | ı          |            | +          | +          | +      |
| 1b         | Monitor and manage processes and memory use.  |            |            |            |            | +          | +      |
| 1c         | Navigate, monitor, and manage a logical file system.  |            |            |            |            |            |        |
| 1d         | Redirect input and output streams to and from files, processes, and networked computers.      |            | ı          |            |            | /          | I      |
| 1e         | Interact with operating systems across the network.   |            | +          |            |            |            | +      |
| 2          | Implement common operating system functionalities and algorithms.                             |            |            |            |            |            |        |
| <b>2</b> a | Build and deploy an operating system kernel.  |            |            |            |            |            |        |
| <b>2</b> b | Define, implement, and invoke a new system call.  |            |            |            | I          |            |        |
| 2c         | Write a simple operating system shell.  |            |            |            |            | /          | /      |
| <b>2</b> d | Simulate or implement standalone demonstrations of operating system scenarios and algorithms. |            |            | /          |            |            | /      |
| <b>2</b> e | Create a virtual disk and navigate it at the byte level.                                      |            |            |            |            |            |        |
| 3          | Demonstrate genre literacy within the operating system field.                                 |            |            |            |            |            |        |
| 3a         | Identify and perform equivalent tasks across distinct operating system platforms.             |            |            | +          |            | +          | +      |
| 3b         | State and describe seminal personalities and milestones from the field's history.             |            |            |            |            |            |        |
| 4          | Follow academic and technical best practices throughout the course.                           |            |            |            |            |            |        |
| 4a         | Write syntactically correct, functional code.   |            |            | /          | +          | /          |        |
| 4b         | Demonstrate proper separation of concerns.  |            |            |            | +          | /          |        |
| 4c         | Write code that is easily understood by programmers other than yourself.                      |            |            | +          | +          | /          | +      |
| 4d         | Use available resources and documentation to find required information.                       | +          | I          | I          | +          | /          | I      |
| 4e         | Use version control effectively.  | +          | +          |            | +          | +          | +      |
| 4f         | Meet all designated deadlines.  | +          | +          |            | +          | +          | +      |