**Totals** 

11

|            | 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 |
|------------|--|------------|------------|------------|------------|------------|-------------|-------------|------------|------------|------------|--------|
| 1          | Perform operating system tasks that are typically viewed as "power   | r user'    | ' activi   | ties.      |            |            |             |             |            |            |            |        |
| 1a         | Effectively and efficiently use a command-based operating system shell to manage and explore a machine's processes, memory, and file system. |            | I          | /          |            | +          | +           |             |            |            | +          | +      |
| 1b         | Redirect input and output streams to and from files, processes, and networked computers.   |            |            | I          |            |            | I           |             |            |            | +          |        |
| 1c         | 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.   |            |            |            |            |            |             |             |            |            |            | 1      |
| 2c         | Write a simple operating system shell.   |            |            |            |            |            | +           |             |            |            |            | +      |
| <b>2</b> d | Simulate or implement standalone demonstrations of operating system scenarios and algorithms.  |            |            |            | П          |            |             |             | +          | +          |            | +      |
| <b>2e</b>  | Create a virtual disk and navigate it at the byte level.   |            |            |            |            |            |             |             |            |            | /          | /      |
| 3          | Demonstrate genre literacy within the operating system field.  |            |            |            |            |            |             |             |            |            |            |        |
| 3a         | Perform and document operating system tasks and activities, across different platforms where applicable.                                     |            |            | +          |            |            | +           |             |            |            |            | +      |
| 3b         | State and describe seminal personalities and milestones from the field's history.  |            |            |            |            |            |             | ı           |            |            |            | ı      |
| 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.  | +          | +          | П          | +          | +          | /           | +           | I          | +          | ı          | +      |
| 4e         | Use version control effectively.   | +          | +          | +          | +          |            | +           | +           | +          | /          | +          | +      |
| 4f         | Meet all designated deadlines.   | +          | +          | +          | +          | +          | +           | +           | +          | +          | +          | +      |

Pending re-evaluation: HW 0311, 0403 part 1, 0403 part 2