

# UNIVERSITY OF MAKATI

## College of Computing and Information Sciences OPERSYS

### Week 10 Laboratory Activity

#### Scope: Process Scheduling Single Queueing (FCFS, SJF, Priority & RR) - 50 points

##### General Instructions/Requirements:

1. Create a program that simulates FCFS, SJF, Priority and RR by combining your previous two activities.
2. The program must allow the user to make a choice which algorithm should the program must perform.

Note: This is a Group activity. The program should accept user input for the number of process the algorithm will perform. Below is the corresponding rubric:

| Criteria  | Mastery<br>(2.5 points)  | Meeting<br>(1.5 points)  | Does Not Meet<br>(0.5 point)  |
|---|--|--|---|
| Scientific Accuracy   | Use of multiple variables that demonstrate understanding of environmental factors. | Use of some variables that demonstrate understanding of environmental factors. | Use of variables that fail to demonstrate understanding of environmental factors. |
| Coding Efficiency   | Code is easy to follow and direct.   | Code is mostly easy to follow and direct.                                      | Code is convoluted and unnecessarily long.  |
| <a href="https://forum.code.org/t/share-your-rubric-for-assessing-computer-models/2927/48">https://forum.code.org/t/share-your-rubric-for-assessing-computer-models/2927/48</a> |  |  |   |