**OM 302**

**Test 3 -Study Guide**

**as of 11/14/22**

The following types of problems will be on this test:

1. Find the shortest path between two nodes.

2. Calculate the indifference point (buy-make decision).

3. Approximate cost of transportation using the

North-west Corner Rule.

4. The Center of Gravity method to identify the optimal location.

5. Expected completion time using a probabilistic approach.

6. Factor based vendor selection.

7. Calculate the probability of a project completion (PERT).

8. Find the optimal distance using the “minimal spanning

tree”method.

9. Calculate the bill of material.

10. Find the project completion time using the Gantt chart.