**Advanced Mathematical Decision Making 2018**

**Unit 7: Networks & Graphs – (R)**

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| **Day**  | **Date** | **Topic** | **Assignment** |
| 1 | M4/9 | Euler Circuits and Paths |  |
| 2 | T4/10 | Weighted Graphs |  |
| 3 | W4/11 | Hamiltonian Circuits and Paths |  |
| 4 | Th4/12 | High-Speed Internet |  |
| **5** | **F****4/13** | **School Map Activity** |  |
| **6** | **M****4/16** | **School Map Activity** |  |
| 7 | T4/17 | Minimal Spanning Trees |  |
| 8 | W4/18 | Kruskal’s Algorithm |  |
| 9 | Th4/19 | Quiz Review 7A and 7B |  |
| **10** | **F****4/20** | **Quiz 7A and 7B** |  |
| 11 | M4/23 | Map Coloring |  |
| 12 | T4/24 | Coloring Maps and Scheduling |  |
| 13 | W4/25 | Coloring and Scheduling Day 2 |  |
| 14 | Th4/26 | **Review – Euler Circuits and Paths, Weighted Graphs, Minimal Spanning Trees** |  |
| 15 | F4/27 | **Review – Map Coloring and Scheduling** |  |
| 16 | M4/30 | Activity Graphs |  |
| 17 | T5/1 | Activity Graphs |  |
| 18 | W5/2 | Activity Graph – Real life Applications Or Building a Robot |  |
| 19 | Th5/3 | Test Review | STUDY! |
| **20** | **F****5/4** | **Unit 7 Test** | **No Homework ☺** |