**Advanced Mathematical Decision Making 2018**

**Unit 7: Networks & Graphs – (R)**

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| **Day** | **Date** | | **Topic** | | **Assignment** |
| 1 | M  4/9 | | Euler Circuits and Paths | |  |
| 2 | T  4/10 | | Weighted Graphs | |  |
| 3 | W  4/11 | | Hamiltonian Circuits and Paths | |  |
| 4 | Th  4/12 | | High-Speed Internet | |  |
| **5** | **F**  **4/13** | | **School Map Activity** | |  |
| **6** | **M**  **4/16** | | **School Map Activity** | |  |
| 7 | T  4/17 | | Minimal Spanning Trees | |  |
| 8 | W  4/18 | | Kruskal’s Algorithm | |  |
| 9 | Th  4/19 | | Quiz Review 7A and 7B | |  |
| **10** | **F**  **4/20** | | **Quiz 7A and 7B** | |  |
| 11 | M  4/23 | | Map Coloring | |  |
| 12 | T  4/24 | | Coloring Maps and Scheduling | |  |
| 13 | W  4/25 | | Coloring and Scheduling Day 2 | |  |
| 14 | Th  4/26 | | **Review – Euler Circuits and Paths, Weighted Graphs, Minimal Spanning Trees** | |  |
| 15 | F  4/27 | | **Review – Map Coloring and Scheduling** | |  |
| 16 | M  4/30 | Activity Graphs | |  | |
| 17 | T  5/1 | Activity Graphs | |  | |
| 18 | W  5/2 | Activity Graph – Real life Applications Or Building a Robot | |  | |
| 19 | Th  5/3 | Test Review | | STUDY! | |
| **20** | **F**  **5/4** | **Unit 7 Test** | | **No Homework ☺** | |