

**Wk 17/18**

**Term 2**

**2013**

Learning Brief

Goals

SME1: Number Theory, Graphs and Networks

Revision week:

* Euler’s Path & Circuits
* Hamiltonian Path & Circuits
* MST using Prim’s & Kruskal’s algorithm
* Shortest Path using Dijsktra’s algorithm
* Handshake lemma, Pigeon-hole principle
* Chinese Postman, Travelling Salesman problems

Ensure that you have had your investigations sighted by Toby, and that you have completed all online requirements to avoid unexplained absences.

Practical Components

Organise your double-sided A4 Handwritten Summary Sheet for the test.

Look over all of the practical work from this term.

Make sure that you have checked off all of the Investigations and forums with Toby and that you do not have any missing items that will show up as absences over the Semester.

Review your work by re-visiting the learning briefs from Week 10-16.

Revisit the worked examples and your questions.

Investigation

Theoretical Components

Start to look at what you will need as a two sided A4 Handwritten summary sheet to cover the work done this term.

Remember to hand in your folder with investigations for marking this week.

Quiz

Not this week. Check you are up to date.

Forum

Not this week. Check you are up to date.