Day 1 – Wednesday, January 16th

8:30-9:00 am  General Introduction
9:00-9:45 am  Introduction to Pedagogy & Assessment
9:45-10:45 am Introduction to Active Learning
10:45-11:00 am Break

Mathematics Workshop Session I
11:00-1:00 pm  1. Introduction to flashcard lectures and the MIT Mathlets
               2. Modelling an interactive lecture: Isoclines
1:00-2:00 pm  Lunch
2:00-6:00 pm  Mathematics Workshop Session II
1. Small group activity: Solution targets
2. Interactive lecture: Fourier series
3. Modelled Mathlet-based homework: Fourier series

Homework: Read text on modelling spring/mass/dashpot systems
Day 2 – Thursday, January 17th

9:00-9:30 am  Introduction to Educational Technologies (Part I)
1:00-2:00 pm  Lunch

Mathematics Workshop Session III

2:00-6:00 pm  1. Interactive lecture and classroom exploration: Frequency response
               2. Small group explorations: gain and phase lag

Homework:  Look at the range of Mathlets

Day 3 – Friday, January 18th

9:00-9:30 am  Introduction to Educational Technologies (Part II)
9:30-1:00 pm  Assessment & Evaluation Workshop

1:00-2:00 pm  Lunch

Mathematics Workshop Session IV: Charrette

2:00-6:00 pm  Designing & writing your own Mathlet activities

Day 4 – Saturday, January 19th

9:00-1:00 pm  Closing Presentations