

Rowan Experimental Math Summer Enrichment Program Summer 2009
SCHEDULE

Location: All sessions will be held in **Robinson 226**

Drop-off/pick-up: In front of Robinson Building (along Robinson Circle):

<http://www.rowan.edu/map/campus.html>

Contact Information: Professor Hieu Nguyen, nguyen@rowan.edu, 856-256-4844 (Math Dept)

DAY 1 (Mon July 20)

9:30am Introductions

10am – 12pm **Introduction to Experimental Mathematics** (Prof. Hieu Nguyen)

12pm – 1pm Lunch (Owl's Nest)

1pm – 3pm **Mathematica computer algebra system** (Prof. Hieu Nguyen)

DAY 2 (Tue July 21)

9:30am Warm up

10am – 12pm **Fractals: Computer Programming** (Professor Thomas Osler)

12pm – 1pm Lunch (Owl's Nest)

1pm – 3pm **Fractals: Part II (Fractal T-Shirts)**

DAY 3 (Wed July 22)

9:30am Warm up

10am – 12pm **Integer Sequences and Geometry** (Professor Christopher Simons)

12pm – 1pm Lunch (Owl's Nest)

1pm – 3pm **Elementary Number Theory** (Professor Abdul Hassen)

DAY 4 (Thu July 23)

9:30am-11am **Computing and graphing with spreadsheets** (Jonathan Weisbrod)

11am – 12pm **Discovering Your Own Patterns** (Professor Hieu Nguyen)

12pm – 1pm Lunch (Owl's Nest)

1pm – 2:45pm **Next Step: From Discovery to Proof** (Professor Hieu Nguyen)

2:45-3pm Evaluation Form and Farewell