

# **Mathematics 414, Section 101 2018-19**

## **Mathematical Demonstrations**

**Department of Mathematics, Undergraduate Math courses, University of British Columbia**

**Calendar Description:** Students will prepare material illustrating ideas and applications of mathematics and present it to audiences outside the University. Intended for third or fourth year Mathematics students and Math/Science Education students..

---

### **Instructor**

**Lauchie MacDonald**

<b>E-mail</b>	<a href="mailto:johnm@math.ubc.ca">mailto: johnm@math.ubc.ca</a>
<b>Office</b>	Math Annex 1216
<b>Phone</b>	604 822-5004
<b>Home page</b>	<a href="http://www.math.ubc.ca/~johnm/">http://www.math.ubc.ca/~johnm/</a>

---

### **Text**

- None. Problem sets will be posted online. .
- 

### **Course Outline and Details**

1. The course outline as well as information about assignments, midterms, workshops and the final exam can be found [here](#).
- 

### **Grading**

- Final Exam 30%
- One midterm 15%
- Assignments, preparation of workshop problems for 2019-20 and in-class problem presentations 25%
- Class members are required to participate fully in school workshops in order to pass the course. The grade for those participating counts 30% of the course mark.
- Individual modifications may be made for any outstanding classroom contribution(s), outstanding contribution(s) to problem creation and analysis, or outstanding workshop performance(s)