

MATH 610 E: Topics in Pure Mathematics
(3 credits)

Course webpage: <https://www.math.ubc.ca/Links/OOPS/> and Canvas

Outline: The course will be based on minicourses offered in the Online Open Probability Summer School (OOPS) beginning on May 18. Information about OOPS including the schedule may be found at <https://www.math.ubc.ca/Links/OOPS/>

You should join the OOPS mailing list as soon as possible to receive information about the courses.

Students are expected to attend at least 6 mini-courses from May 18 to July 17 totalling at least 28 contact hours. Some courses will have more contact hours than others. Note that Ivan Corwin's course will have 12+ hours while some will just have 3+ contact hours. Some courses have informal online discussion sessions with the speakers following the lectures. These discussions will count towards the contact hours.

Assessment will be based primarily on Exercises assigned in the courses. Exercises can be submitted through Canvas and will usually be due one week after the course, although this can vary. The number of such exercises may also vary between courses. If the total number of exercises is too low for the courses you select, we may ask for a short report (written or oral) based on a topic related to one or more of the courses.

This is a wonderful opportunity for you to learn about a range of topics in modern probability. Congratulations on realizing this and enrolling!

Grading: 80% of the grade is based on exercises/short reports for four of the courses. The remaining 20% of the grade is for participating in at least 28 hours of lectures.

The assignments will be collected on canvas. If you choose to do the exercises/short report for a course, please upload it as a pdf file on Canvas. If you choose to attend a course but not submit the exercises, please submit the corresponding Canvas assignment as a 'text entry' indicating the number of hours you attended the course. The assignments for each minicourse is due one week after the last lecture of that minicourse. However, you may choose to submit one of the assignments after the due date but before July 23.

Academic integrity: You are welcome to discuss the exercises with other participants of OOPS and discussion groups. However, you should write the solutions in your own words. Please do not look at any posted solutions

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before submitting your assignment on Canvas.