

Mathematics Year 1, Calculus and Applications (MATH40004)

Term 2, Course Information

Part II

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Calculus and Applications is a year-long course consisting of two parts, I and II, offered in the Autumn and Spring terms, respectively. You get one mark for both parts. The part II of the course is taught by me in the spring of 2023. You have two lectures, one problem class, problem sheets and unseen questions each week uploaded into blackboard's folder for that week (problem classes starting from the week of Jan 24th). The problem sheets are discussed in the problem classes. Questions could be posted to the 'ed' discussion board and will be answered by myself or a GTA. Unseen problems are more advanced questions that are not going to be on tests or exams and are only for the interested students and is discussed in one room of problem classes and sometimes mentioned in the overview lectures.

Mathematics parts I and II

Part I, Mid-term exam - <i>Week 8, Fall term</i>	5%
Part I, Portfolio marks - <i>Fall term</i>	5%
Part I, January Test - <i>week 1 of Spring term</i>	10%
Part II, Mid-term exam - <i>Week 20, Spring term</i>	5%
Part II, Portfolio marks - <i>see below for dates</i>	5%
Summer Exam (Parts I & II, 3 hours):	70%

Portfolio marks/structure, dates of release and dates of submission for students in part II

There will be *one* component to the Portfolio marks. This will be in the form of a "take-home" assignment or coursework that is worth 5%.

Portfolio. *Date of release:* Monday, March 6 , 2023. *Date and time of submission:* Before 1pm, Monday, March 13, 2023.

Lecture notes and suggested Textbooks for Calculus & Applications II

There are full lecture notes for the course here. There is also a pdf of the patchy notes on blackboard that are the basis of the lectures. There are lots of Calculus text books out there, and picking any one that you like is good enough. On the blackboard you can find some suggested texts through the reading list link for part I and II of the course.