



# Mathematics 1172 WDE

## Calculus II

**Instructor:** John Kimball

**Lecture Schedule:** Tuesdays and Thursdays 1:00pm – 2:30pm, Zoom

**Lab Schedule:** Fridays 1:30pm – 2:30pm, Zoom

**Office Hours:** Tuesdays 9:00am – 10:00am or by appointment, via Zoom

**Email:** [jfkimbal@lakeheadu.ca](mailto:jfkimbal@lakeheadu.ca)

**Course Overview** (Based on James Stewart – Calculus 7<sup>th</sup> Edition):

Chapter 5: Applications of Integration

Chapter 7: Techniques of Integration

Chapter 6: Inverse Functions

Chapter 11: Infinite Sequences and Series

**Textbook(s):** James Stewart – Calculus 7<sup>th</sup> Edition.

(recommended) Openstax Calculus Volume 1 and 2: <https://openstax.org/subjects/math>

**Course Evaluation:**

Assignments	Test #1	Test #2	Final Exam	Total
10%	25%	25%	40%	<b>100%</b>

**Attendance:** Students are expected to attend every class and on time. Being late to class is disruptive and disrespectful to the instructor and your peers. Furthermore, coming to every class greatly increases your chances in being successful in this course.

**Assignments:** Working regularly on the assignments is essential for success in this course. Students are also strongly encouraged to do as many problems on their own as their time permits from the extra practice problems. Late assignments will not be accepted.

**Tests/Exam:** Test #1 will be on **Friday, February 11<sup>th</sup>, 2022** and Test #2 will be on **Friday, March 18<sup>th</sup>, 2022** (both during the lab). The Final exam will be scheduled by the registrar. Students who will not be able to write these days for a valid reason, e.g. religious or illness (medical note is required), must inform both me. An alternative plan will be conjured to ensure you have equal opportunity as your peers to be assessed.

**Course Withdrawal:** The final date that you may drop this course without academic penalty is Friday, March 11<sup>th</sup>, 2022.

**Labs:** The labs will be used to do a variety of extra problems and maybe to catch up on partial lessons. Furthermore, we may use this time to answer questions you may have about the assignments or supplementary exercises. The two tests will be conducted during the lab time.

**Electronic Devices:** In order to be successful in class and minimize distractions for others, cell phones, iPods and other electronic devices must be turned off while lectures are in progress. In an emergency situation, the instructor may give a student permission to use a cell phone or pager.

**Appropriate Language:** In all areas of the University environment, students are responsible to show respect for others. Swearing, or language that is discriminatory or derogatory in relation to race, sex, ethnic background, religious beliefs, age and physical condition is not appropriate.

**Students with Disabilities or Chronic Conditions:** Reasonable accommodations are available for students with a documented disability or chronic condition. It is the student's responsibility to seek these accommodations. If a student has a disability or chronic condition and may need accommodation to fully participate in this class, he/she should contact the Student Accessibility Services located at SC0003 or by phone: 343-8047.

## Assignments

(due by 4:30pm on the specified dates)

#	Sec	Open	Due
1	5.1, 5.2, 5.3	Jan 12	Jan 19
2	5.4, 5.5, 6.1, 6.2	Jan 19	Jan 26
3	6.3, 6.4, 6.5	Jan 26	Feb 2
4	6.6, 6.7, 6.8	Feb 2	Feb 9
5	7.1	Feb 9	Feb 16
6	7.2, 7.3	Feb 16	Mar 2

#	Sec	Open	Due
7	7.4, 7.5	Mar 2	Mar 9
8	7.8, 11.1	Mar 9	Mar 16
9	11.2	Mar 16	Mar 23
10	11.3, 11.4, 11.5	Mar 23	Mar 30
11	11.6, 11.7, 11.8	Mar 30	Apr 6