

# Math 1171/1210 WA      Calculus I      (2024 Winter)

Instructor: [John Kimball](#)

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**Lecture:** Mon/Wed/Fri, 4:30pm – 5:30pm in AT1001

**Office Hours:** Tuesdays, 11:30am – 12:30pm in RB2006

**Email Communication:** When sending emails regarding the course, include course number, your name, and keywords in the subject line. For example, “Subject: Math 1171/1210, John Smith, Integration Question”.

**Textbook:** Math 1171/1210 WA – 2024, Calculus I Course Handbook

**Performance Evaluation:** Your final grades are calculated from your Assignments, MidTerm Exam and Final Exam marks.

| Assignments | MidTerm | Final Exam |
|-------------|---------|------------|
| 10%         | 30%     | 60%        |

## Lectures:

1. Will be conducted in person.
2. It is strongly recommended that you attend all the lectures to maximum probability of success. Students who miss lectures are responsible for obtaining the notes from a classmate.
3. Handouts for the lectures are in the course handbook to assist you in taking notes.

**Assignments:** There will be short weekly assignments (via WebWork). The due dates are included at the end of the Course Outline (all are due at 11:59pm). Late assignments will not be accepted.

**MidTerm:** The MidTerm will be held Friday, February 16<sup>th</sup> – details to follow.

**Final Exams:** There will be a 3 hour Final Exam – date and details to be determined.

**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.

## Math 1171/1210 WA – Course Plan (2024 Winter)

| <b>D</b> | <b>Activity</b>                     | <b>D</b> | <b>Activity</b>                     |
|----------|-------------------------------------|----------|-------------------------------------|
| 1        | Chapter 1: Review – Part 1          | 19       | Chapter 3: Differentiation – Part 8 |
| 2        | Chapter 1: Review – Part 2          | 20       | Chapter 4: Applications – Part 1    |
| 3        | Chapter 1: Review – Part 3          | 21       | Chapter 4: Applications – Part 2    |
| 4        | Chapter 1: Review – Part 4          | 22       | Chapter 4: Applications – Part 3    |
| 5        | Chapter 2: Limits – Part 1          | 23       | Chapter 4: Applications – Part 4    |
| 6        | Chapter 2: Limits – Part 2          | 24       | Chapter 4: Applications – Part 5    |
| 7        | Chapter 2: Limits – Part 3          | 25       | Chapter 4: Applications – Part 6    |
| 8        | Chapter 2: Limits – Part 4          | 26       | Chapter 4: Applications – Part 7    |
| 9        | Chapter 2: Limits – Part 5          | 27       | Chapter 4: Applications – Part 8    |
| 10       | Chapter 3: Differentiation – Part 1 | 28       | Chapter 4: Applications – Part 9    |
| 11       | Chapter 3: Differentiation – Part 2 | 29       | Chapter 5: Integration – Part 1     |
| 12       | Chapter 3: Differentiation – Part 3 | 30       | Chapter 5: Integration – Part 2     |
| 13       | Chapter 3: Differentiation – Part 4 | 31       | Chapter 5: Integration – Part 3     |
| 14       | Chapter 3: Differentiation – Part 5 | 32       | Chapter 5: Integration – Part 4     |
| 15       | Chapter 3: Differentiation – Part 6 | 33       | Chapter 5: Integration – Part 5     |
| 16       | Chapter 3: Differentiation – Part 7 | 34       | Chapter 5: Integration – Part 6     |
| 17       | Review                              | 35       | Extra Period                        |
| 18       | MidTerm                             | 36       | Review                              |

|       |        |        |        |        |        |        |        |        |        |        |       |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Jan 8 | Jan 10 | Jan 12 | Jan 15 | Jan 17 | Jan 19 | Jan 22 | Jan 24 | Jan 26 | Jan 29 | Jan 31 | Feb 2 |
| 1     | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12    |

|       |       |       |        |        |        |        |        |       |       |       |       |
|-------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| Feb 5 | Feb 7 | Feb 9 | Feb 12 | Feb 14 | Feb 16 | Feb 26 | Feb 28 | Mar 1 | Mar 4 | Mar 6 | Mar 8 |
| 13    | 14    | 15    | 16     | 17     | 18     | 19     | 20     | 21    | 22    | 23    | 24    |

|        |        |        |        |        |        |        |        |       |       |       |       |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| Mar 11 | Mar 13 | Mar 15 | Mar 18 | Mar 20 | Mar 22 | Mar 25 | Mar 27 | Apr 3 | Apr 5 | Apr 8 | Apr 9 |
| 25     | 26     | 27     | 28     | 29     | 30     | 31     | 32     | 33    | 34    | 35    | 36    |

| <b>A</b> | <b>Content</b>             | <b>Due</b> |
|----------|----------------------------|------------|
| 1        | Ch1: Parts 1, 2            | Jan 19     |
| 2        | Ch1: Part 3<br>Ch2: Part 1 | Jan 26     |
| 3        | Ch2: Parts 2, 3            | Feb 2      |
| 4        | Ch3: Parts 1, 2            | Feb 9      |
| 5        | Ch3: Parts 3, 4            | Feb 18     |
| 6        | Ch3: Part 5                | Mar 1      |

| <b>A</b> | <b>Content</b>             | <b>Due</b> |
|----------|----------------------------|------------|
| 7        | Ch3: Part 6<br>Ch4: Part 1 | Mar 8      |
| 8        | Ch4: Parts 2, 3            | Mar 15     |
| 9        | Ch4: Parts 4, 5            | Mar 22     |
| 10       | Ch4: Part 6<br>Ch5: Part 1 | Apr 5      |
| 11       | Ch6: Parts 2, 3            | Apr 5      |
| /        |                            |            |