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## SYLLABUS FOR MATH 211 Online Asynchronous Survey in Calculus and Analytical Geometry SPRING 2023

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| <b>Office hours:</b> via zoom 7pm- 8:30pm or by appointment Tuesday   | <b>EMAIL:</b> <a href="mailto:kaffel@uwm.edu">kaffel@uwm.edu</a><br><b>MATH211----Sections 290/291</b> |

**Disclaimer:** All items on this syllabus are subject to change, in the event of a natural disaster, pandemic, or other emergency. Any addendum to this syllabus will be posted on Canvas.

**Prerequisites:** Math Placement Level 30. A 30+ placement score is required, OR one of the following: C or better in MATH 105, 108, or 116; 5+ IB Math - SL, 3+ AP statistics exam; 63+ CLEP College Algebra Exam; ACT math 28+; ACT math 25+ & 4 units HS math; SAT math 670+; or SAT math 590+ & 4 units HS math. Note if you have already taken MATH 231, you cannot take this course for credit. If you plan on taking Calculus II - MATH 232, this class does not count as a pre-requisite.

**Technology:** Students will be expected to have a computer, internet, microphone/speakers and webcam available for exam proctoring and class help. Students without a webcam, please contact me as soon as possible for potential accommodations. Exams will be proctored via Collaborative Ultra.

**Canvas:** Canvas is UWM's campus-supported digital learning environment. Your instructors will use Canvas to have you access notes, readings, watch videos, take quizzes, submit assignments, and participate in online discussions. You can access Canvas on your computer using a browser and on your mobile device by downloading the Canvas Student app. There will be a Canvas site for announcements, grade documentation and learning resources.

If you're not familiar with these technologies, we recommend you also visit the website:  
<https://uwm.edu/canvas/students/>

For information on the technology you will need to be successful. For more general questions about technology, contact the ITS Help Desk at [helpdesk@uwm.edu](mailto:helpdesk@uwm.edu) or 414-229-4040.

**SCIENTIFIC CALCULATORS ARE REQUIRED** for homework and on Exams. You need a scientific calculator with an "e" and "Ln" key. No phones, no graphing calculators, no smart watches, no headphones and no additional electronics are allowed on proctored exams.

**Textbook:** My Lab Math eBook: Calculus for Business, Economics, Life Sciences and Social Sciences, 14th Edition, Raymond A. Barnett, Michael R. Ziegler, and Karl E. Byleen, Pearson, ISBN-13: 9780134668574.

**Course materials:** The Instructor notes, slides videos and practice problems with solutions are shared in canvas with the students to prepare for all the quizzes, homework problems and exams. The instructor share many helpful resources (in canvas and in his own website), which can be used as a supplement to your personal notes. The instructor will also be happy to help you to meet with you to understand the material. It is very important that you practice these examples.

**Course Overview:** A one-semester survey of calculus with applications to business administration, economics, and non-physical sciences. There is a quick review of algebra at the beginning of the textbook. The main learning subject is calculus, which includes limits, differentiations, integrations, and applications.

Further emphasis is placed on analytical geometry, specifically graphing. These materials will be taken from Chapters 1-6 of the textbook.

**Course Learning Objectives:** Upon successful completion of this course, students should be able to: (1) Evaluate the effectiveness of the mathematical sciences in describing the world, (2) Analyze quantitative information symbolically, graphically, numerically, and verbally for the purpose of solving problems or drawing conclusions (3) Construct logical arguments in support of mathematical assertions

#### Online Enrollment:

- Go to <https://www.pearson.com/mylab>. Under Register, select Student to register for this MyLab Math online course.
- Enter the course ID (kaffel39954) and sign in your existing Pearson account. Note that you have an account if you have ever used a MyLab. If you don't have an account, select Create and complete the required fields.
- Enter the access code that you purchased from the bookstore. From the You're Done! page, select Go To My Courses.
- On the My Courses page, select the course name Math 211- Kaffel- Asynchronous Spring 2023 to start your work.

Note: If a student is waiting for financial aid, they can choose temporary access to this course for a limited time without payment (typically 14 days).

#### Calendar for MATH 211 Online:

| Homework (HW) and quizzes | Open Date - Due Date |
|---------------------------|----------------------|
| HW #1, 2                  | 01/23 – 02/03        |
| HW #3, 4                  | 01/23 – 02/10        |
| Quiz 1                    | <b>02/02 – 02/14</b> |
| HW #5, 6                  | 01/23 – 02/17        |
| HW #7, 8                  | 02/06 – 02/24        |
| Quiz 2                    | <b>02/15 – 02/21</b> |
| HW #9, 10                 | 02/06 – 03/03        |
| Quiz 3                    | <b>02/22- 03/07</b>  |
| HW #11                    | 02/06 – 03/06        |
| HW #12, 13                | 02/20 – 03/10        |
| HW #14, 15                | 02/20 – 03/24        |
| Quiz 4                    | <b>03/09 – 03/28</b> |
| HW #16, 17                | 03/06--03/31         |

| Homework (HW), quizzes and exams                   | Open Date - Due Date |
|--|----------------------|
| HW # 18, 19  | 03/13 – 04/07        |
| Quiz 5   | <b>03/29 – 04/04</b> |
| HW # 20, 21  | 03/13 – 04/14        |
| Quiz 6   | <b>04/05– 04/18</b>  |
| HW # 22  | 03/27 – 04/21        |
| HW # 23  | 03/27 – 04/28        |
| Quiz 7   | <b>04/19 – 05/02</b> |
| HW # 24, 25 and 26                                 | 04/10– 05/05         |
| <b>Midterm Exam. Two hours</b>                     | <b>03/04 – 03/08</b> |
| <b>Final Exam Cumulative: Two hours, Proctored</b> | <b>05/05--05/09</b>  |

**GRADING POLICY:** Grades will be based on your overall weighted percentage. The final grade will be calculated using the following weights:

- 7 Quizzes: 15 % (taken on your own online)
- Online Homework: 30% (taken on your own online)
- Midterm exam: 20 % (taken on your own, protected with webcam)
- Final Exam:35% (taken online, protected with webcam)

$$\text{Total Score} = 0.15 * \text{Quizzes score} + 0.3 * \text{homework score} + 0.2 * \text{Midterm Exam score} + 0.35 * \text{Final score}$$

**Grading Scale:** Plus/Minus grading will apply

|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| A  | A- | B+ | B  | B- | C+ | C  | C- | D+ | D  | D- |
| 93 | 90 | 87 | 83 | 80 | 77 | 73 | 70 | 67 | 63 | 60 |

Grades for assignments and exams will be posted on Canvas. Please check your recorded grades regularly to monitor your progress in the course and to ensure accuracy of the recorded grades.

**INCOMPLETES:** If there is a last-minute personal or medical emergency, the student may receive a grade of Incomplete and make up the final exam within one calendar year. In order to be given an incomplete, all the following conditions should be met:

- a) You are already passing the course with the work that has been completed
  - b) You have only a “little” work to be finished; and,
  - c) You can give substantiation of illness or other unusual non-academic circumstances
- The student must provide written documentation and be passing the class at the time to receive an Incomplete.

**Grade Corrections:** If you believe that a test, a quiz, an exam or a homework was graded or tallied incorrectly you may submit the request for a regrade along with explaining why you believe you deserve more points. Regrades will be accepted up to one week class period after the exam, quiz or the homework grade is posted. You must let the instructor know (in writing asap via email) within one week of receiving the grade; otherwise, he can't promise that he will consider the issue.

**IMPORTANT DATES:**

- First day of classes: **01/23/2023**
- Last day to add a class, change sections or change grading basis for classes: **3-Feb-2023**
- Last day to drop or withdraw without transcript notation: **17-Feb-2023**
- Last day to drop or withdraw (“W” will be on transcript): **9-Apr-2023**
- Midterm exam: **open for two-hour period from 03/04/23- 03/08/23**
- Spring Break: **March 19-26 No Classes**
- Last Day of Classes: **11-May-2023**
- Study Day – No classes: **12-May-2023**
- Final exams are during the period **May 13, 15-20. No final exams on May 14.**
- Final exam: open for two-hour period from **05/05/23- 05/09/23**
- Graduation ceremony: **21-May-2023**

**Homework:** consist of 26 online assignments through Pearson's MyLab Math (MLM), a required online homework system with eBook, MyLab Math (MLM): Calculus for Business, Economics, Life Sciences, and Social Sciences, 14e by Barnett, Ziegler, Bylen, and Stocker, published by Pearson. See MLM letter on Canvas for more details on registration. It is essential that you register as soon as possible. Go to <https://www.pearson.com/mylab> and follow the instructions given to you. Due dates listed on MLM website and in the calendar table. Homework due dates will be strictly enforced and will not be extended on an individual basis. Late submissions will not be accepted. It is expected that you make a reasonable attempt to view and start homework at least one week in advance of the due date. Homework will become available significantly in advance to give flexibility to those interested in working ahead. If you can work ahead, you are highly encouraged to do so. Dates are subject to minor changes. You have unlimited attempts per homework problem, and you may complete it in multiple sessions, giving you the flexibility to complete homework on your own time.

**Quizzes:** There are seven Quizzes on MLM which you will take on your own. Dues dates are posted in the calendar in canvas modules, and in MLM. The quizzes are designed to help you review the material. You will be given a window of at least a week to decide when to take each 1-hour quiz and you have two optional quiz retakes. Each take must be completed in a one-hour session by the due date. Your grade on each quiz is the highest of your quiz scores. You will not have access to the eBook during a quiz, but you may use your notes and get help from me or online tutors during a quiz. Do not rely solely on help to complete a quiz, as it may not be easy to complete within the fixed time window if you are not prepared.

**Exams:** The Midterm Exam and the Final Exam are proctored online. Submission of written work is required. Students will be expected to have a computer, internet, microphone/speakers and webcam available for exam proctoring. Working webcam and microphone are required. Students without a webcam please contact the instructor ASAP for potential accommodations. There are no retakes on exams. There will be a sign up for a two-hour period from 03/04/23- 03/08/23 for the midterm exam and a sign up for a two-hour period from 05/05/23- 05/09/23 for the final exam.

The instructor has the right to regard any suspicious material in your calculator memory as cheating. Any student who accesses a phone or any internet -capable camera device during an exam for any reason automatically receives a score of zero on the exam. All such devices must be turned off and put away and made inaccessible during the exam. Information on the proctoring service(s) to be used will be discussed and posted on Canvas. In order to help preserve the academic integrity of the class, students should be expected to show photo ID's before each exam and in the beginning of class, students who fail to show all work or wrong work/right answer on an exam question or for any other reason are suspected of academic misconduct will be required to have a private video conference session with the instructor in which they explain their answers." SCIENTIFIC CALCULATORS (NOT graphing calculators) ARE REQUIRED for homework and on Exams. No phones, no graphing calculators, no smart watches, no fitbits, no headphones and no additional electronics are allowed on proctored Exams.

#### **Help with this class:**

You are welcome to email me at any time, and to meet with me during office hours on Zoom. You are also welcomed to make an appointment with me on Zoom to help you. You can also contact Students Success Center: <https://uwm.edu/studentsuccess/>

**Withdrawal from Course:** If you intend to withdraw, it is your responsibility to withdraw yourself from the course before the due date. Do not assume that just because you have stopped attending class you will be automatically withdraw from the course. If you quit attending and not officially withdraw, you could receive a grade of F.

**Ethics and Behavior:** High standards of personal conduct and consideration of others are required in order to create a classroom climate conducive to learning. Disruptive behavior will not be tolerated. Classroom disturbances such as showing disrespect to students/faculty will not be tolerated.

**Academic Support:** It is your responsibility to keep abreast of the course, to master the material covered, and to take the initiative for getting the help you need. You are encouraged to obtain help from the course instructor. However, if you miss a class, you are responsible for the missed materials. Students are encouraged to email me, to make appointments and schedule meeting during or beyond my office hours.

The minimum time an average student should expect to spend on this 4-credit class is approximately as follows:

Time for learning/reading/reviewing course material = 64 hours, Time for completing assignments and quizzes = 104 hours, Time for preparation and study for exams = 20 hours, Time for taking exams = 4 hours and Total time spent on this class = 192 hour

This is well over 10 hours per week, on average. If you find yourself spending many hours per week on this course, it does necessarily not mean you are struggling. It means you are probably spending the amount of time expected of you. Four credits of Calculus are not assumed to be easy.

**Regarding potential changes in this course:** Your instructor reserves the right to make reasonable changes to the syllabus, homework and exam dates, and other policies related to this course. Such changes will be announced in advance.

**Academic misconduct:** Cheating on exams or plagiarism are violations of the academic honor code and carry severe sanctions, including failing a course or even suspension or dismissal from the University. The University has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work. Further information can be found at: <https://uwm.edu/deanofstudents/academic-misconduct/>. Sharing your log in information with someone else or using someone else's login is considered academic dishonesty and will be prosecuted to the full extent of UWM policy. Academic dishonesty will not be tolerated. Acts of academic dishonesty include, but are not limited to:

- The illegitimate use of materials (electronic devices, crib sheets, or phones, etc.) in any form during a quiz or examination.
- Asking someone to provide you with the answers, or the step-by-step instructions for completing exams or quizzes. Copying answers from the examination paper of another student.
- Obtaining, through theft, bribery, or collusion, or otherwise improperly securing an examination paper prior to the time and date for the administration of the examination. Also, use of an examination paper previously administrated (e.g., during an earlier term) without the consent of the instructor who authored the examination is considered an act of academic dishonesty.
- Communicating examination answers with other students during an examination.
- Tempering with an examination after it has been corrected and then returning it for more credit. Aiding or abetting any such offenses.
- Copying material from a Web page and submitting it as one's own work.
- Copying answers from the quiz or examination paper of another student.
- Plagiarizing or falsifying materials or information used in the completion of any assignment, which is graded or evaluated as the student's individual effort.

In order to help preserve the academic integrity of the class, students should be expected to show photo ID's before each exam. Students who fail to show all work or wrong work/right answer on an exam question or for any other reason are suspected of academic misconduct will be required to have a private video conference session with the instructor in which they explain their answers and their actions.

**MAKE UP POLICIES:** All exams will be taken on the dates indicated in the syllabus and in canvas and/or Pearson announcements.

Note: Students experiencing personal emergencies (or observing religious holidays) may request accommodations (e.g., extensions) for attendance, homework, exams, or other assignments. Requests should be submitted to the instructor, in writing. Documentation may be requested.

Make-up exams will NOT be given for reasons of a non-refundable airline tickets, vacation plans, work schedules, weddings, family reunions, and other such activities. Students should consult the final exam schedule before making end-of-semester travel plans. The Dean of the college must approve any exceptions to these rules.

The final exam schedule listed in the Schedule of Classes will be strictly followed. Except to resolve those situations described below, no changes may be made in this schedule without prior approval of the Dean of the college in which the course is offered. Under this schedule, if a conflict occurs, or a student has more than three exams on one day, the instructors may be consulted about an individual schedule adjustment. If necessary, the matter may be pursued further with the appropriate dean(s). Students should consult the final exam schedule before making end-of-semester travel plans.

Exceptions to the schedule and requests for make-up examinations can be granted only by the Dean and the Department Chair, and for one of the following reasons:

- There is a time conflict between the math final and another final exam.
- The student has more than three exams scheduled on the same day as the math final.
- Religious conflict.

If the make up request for the final exam is approved, it will be scheduled.

#### **Additional University Policies:**

- Room changes, course cancellations, etc., will be emailed to the students, and posted outside of the classroom door.
- Students will be allowed to complete examinations or other requirements that are missed because of a religious observance.
- If you will need special accommodations in order to meet any of the requirements of the course, please contact the instructor as soon as possible.
- Sexual harassment is reprehensible and will not be tolerated by the University. Further information can be found at: <https://uwm.edu/sexual-assault/>
- Academic misconduct: Cheating on exams or plagiarism are violations of the academic honor code and carry severe sanctions, including failing a course or even suspension or dismissal from the University. The University has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work. Further information can be found at: [http://www4.uwm.edu/acad\\_aff/policy/academicmisconduct.cfm](http://www4.uwm.edu/acad_aff/policy/academicmisconduct.cfm)
- Information on other UWM policies can be found at <http://uwm.edu/secu/wp-content/uploads/sites/122/2016/12/Syllabus-Links.pdf>

## **Supplement to UWM FACULTY DOCUMENT NO.1895R6, posted February 21, 2019**

Detailed information provided officially by UWM from the document [Syllabus-Links.pdf](#) is given below in 1 through 12.

1. Students with disabilities. Notice to these students should appear prominently in the syllabus so that special accommodations are provided in a timely manner. <http://uwm.edu/arc/>
2. Religious observances. Accommodations for absences due to religious observance should be noted.  
<https://apps.uwm.edu/secu-policies/storage/other/SAAP%201-2.%20Accommodation%20of%20Religious%20Beliefs.pdf>
3. Students called to active military duty. Accommodations for absences due to call-up of reserves to active military duty should be noted.  
Students: <http://uwm.edu/active-duty-military/>  
Employees: <https://www.wisconsin.edu/ohrwd/download/policies/ops/bn9.pdf>
4. Incompletes. A notation of "incomplete" may be given in lieu of a final grade to a student who has carried a subject successfully until the end of a semester but who, because of illness or other unusual and substantiated cause beyond the student's control, has been unable to take or complete the final examination or to complete some limited amount of term work. <https://apps.uwm.edu/secu-policies/storage/other/SAAP%201-13.%20Incomplete%20Grades.pdf>
5. Discriminatory conduct. Discriminatory conduct will not be tolerated by the University. It poisons the work and learning environment of the University and threatens the careers, educational experience, and well-being of students, faculty, and staff. <https://apps.uwm.edu/secu-policies/storage/other/SAAP%205-1.%20Discriminatory%20Conduct%20Policy.pdf>
6. Title IX/Sexual Violence. Title IX is a federal law that prohibits sex discrimination in education program or activities, and UWM policy prohibits such conduct (see Discriminatory Conduct, above). This includes sexual violence, which may include sexual harassment, sexual assault, relationship violence, and/or stalking in all educational programs and education-related areas. UWM strongly encourages its students to report any instance of sex discrimination to UWM's Title IX Coordinator (titleix@uwm.edu). Whether or not a student wishes to report an incident of sexual violence, the Title IX Coordinator can connect students to resources at UWM and/or in the community including, but not limited to, victim advocacy, medical and counseling services, and/or law enforcement. For more information, please visit:  
<https://uwm.edu/sexual-assault/>
7. Academic misconduct. Cheating on exams or plagiarism are violations of the academic honor code and carry severe sanctions, including failing a course or even suspension or dismissal from the University. <https://uwm.edu/deanofstudents/academic-misconduct/>
8. Complaint procedures. Students may direct complaints to the head of the academic unit or department in which the complaint occurs. If the complaint allegedly violates a specific university policy, it may be directed to the head of the department or academic unit in which the complaint occurred or to the appropriate university office responsible for enforcing the policy. <https://apps.uwm.edu/secu-policies/storage/other/SAAP%205-1.%20Discriminatory%20Conduct%20Policy.pdf>
9. Grade appeal procedures. A student may appeal a grade on the grounds that it is based on a capricious or arbitrary decision of the course instructor. Such an appeal shall follow the established procedures adopted by the department, college, or school in which the course resides or in the case of graduate students, the Graduate School. These procedures are available in writing from the respective department chairperson or the Academic Dean of the College/School. <https://apps.uwm.edu/secu-policies/storage/other/SAAP%201-10.%20Grade%20Appeals%20by%20Students.pdf>
10. LGBT+ resources. Faculty and staff can find resources to support inclusivity of students who identify as LGBT+ in the learning environment. <http://uwm.edu/lgbtrc/>
11. Smoke and Tobacco-Free campus. UWM prohibits smoking and the use of tobacco on all campus property. <https://apps.uwm.edu/secu-policies/storage/other/SAAP%2010-8.%20Smoke%20and%20Tobacco-Free%20Campus%20Policy.pdf>
12. Final Examinations. Information about the final exam requirement, the final exam date requirement, and make-up examinations. <https://apps.uwm.edu/secu-policies/storage/other/SAAP%201-9.%20Final%20Examinations.pdf>

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**DISCLAIMER:** This syllabus is tentative and should not be considered definitive. The instructor reserves the right to modify it (including the dates of the tests) to accommodate instructional and/or student needs. Such change will be announced to the class at the appropriate time. It is the student responsibility to attend class regularly and to make note of any change.