

Syllabus for Math M119  
 Spring 2015, Section: 9434  
<http://www.math.iupui.edu/~momran/m119/>

**Instructor:** Maan Omran

**Textbook:** Hughes-Hallett, Gleason, Lock, Faith, et al. Applied Calculus Fourth Edition

**Contact Information:**

- **By e-mail:** momran@math.iupui.edu (**DO NOT try to Contact me using ONCOURSE**)  
 In order for your e-mail to be processed, you must Use the correct e-mail address above and start your e-mail by writing:
  1. Your name
  2. Your class ID number (will be given in class later, DO NOT use your SSN)
  3. The course you are taking and the purpose for your e-mail
 Otherwise, your e-mail will be ignored and not processed

**Important:** Make sure to use your *iupui.edu* e-mail account instead of commercial accounts such as yahoo, hotmail, gmail...etc. Most commercial accounts get stopped by the server as spam e-mails.

- **By Phone:** ONLY in case of emergency or if you have no access to e-mail:  
 Math Department: **274-6918** (leave a message with your name, Class ID and course number)
- **Office hours:** 15 minutes before and after class, or by appointment

**Prerequisite:** By placement test or two years of high school algebra as evidenced by Math 110 or 111, with minimum grade of C-.

**M119 Course Description and Objectives:** 3 credits. Topics include Functions, Rate of changes, Exponential growth and Decay, Derivative, Derivative Applications, integral, and integral Applications.

**Grading Policy:**

Materials	% of Total
<b>Class-Work:</b> Homework, Attendance, and Quizzes	12.5%
3 Tests (100p each)	62.5%
Midterm Exam (Ch 1, 2 and 3)	
Final Exam	25%

**Grade Scale:** After taking the final, If your average is below 60% then it is *F* and if your average is:

90 -100% then it is ( <i>A-</i> , <i>A</i> )	70-79% then it is ( <i>C-</i> , <i>C</i> , <i>C+</i> )
80- 89% then it is ( <i>B-</i> , <i>B</i> , <i>B+</i> )	60- 69% then it is ( <i>D-</i> , <i>D</i> , <i>D+</i> )

**Note** The score of *A+* is only given to students with 98% as a final average after taking the final exam with an *A* in the final exam and a 97% or more in: in ALL tests (including the lowest) and in homework and attendance.

- **Incompletes:** Grades of Incomplete will only be given in accordance with the university policy available at <http://www.registrar.iupui.edu/incomp.html>. Specifically, students must be passing at the 3/4 mark of the semester to qualify for assigning an incomplete. The instructor must agree that an incomplete is appropriate and it must be approved by the Associate Chair of the Department of Mathematical Sciences
- **Withdrawal Dates:** The last day to withdraw leaving no record is January 18. The last day to withdraw with a grade of *W* is April 17<sup>th</sup>. You will need signatures from your instructor and advisor. **No drop slips will be signed after April 17.**  
**Do not depend on the Administrative Withdrawal: if you stop attending class without withdrawing, you will fail the class.**

**Homework and Attendance:** By the end of the semester (*please read carefully*):

- If you have and keep 85% or more Class-Work, then:
  1. The final exam score will be curved (*read more about it below in the final exam section*)
  2. Your lowest score of test 1, 3, 4 or the midterm may be replaced by your percentage score on the final, if it is beneficial to you. Note that we are offering only one replacement for one test only.
- If you have less than 85%, but more than 65% in Class-Work, then:
  1. Failing the final exam or the Midterm means failing the whole course.
  2. No lowest score will be replaced
  3. The score of the final exam will not be curved and no partial credits will be given in grading it.
  4. The highest grade for the semester is B- (*regardless of tests or final exam scores*)
- If you have less than 65% in Class-Work, then your grade for the semester will be *F* regardless of your scores in the tests, and you must officially withdraw (school policy) before the deadline (**April 17, 2015**). The final exam will not be graded or counted if taken.
- Missing a test is a **zero and cannot be dropped or replaced by any score**.

**Final Exam:** Technically, it is calculated as 25% of your total, but it does play a major role in deciding your final grade for the semester if your final exam score is very high or very low.

If you have more than 85% in attendance and homework (*the higher, the better*):

- Getting an *A* in the final does not mean an automatic *A* for the semester, unless your calculated average after taking it is an *A*.  
However, your final grade of the semester might be raised one step higher than what it was technically calculated after taking the final. This will depend on how good your final exam score and your Class-Work score.
- Getting an *F* in the final does not mean an automatic *F* for the semester, unless your calculated average after taking it is *F* or your homework and attendance is less than 85%.  
However, your final grade of the semester might be dropped one step lower than what it was technically calculated after taking the final. This will depend on how low your final exam score and your Class-Work score.

**Important:** Getting less than 50% in the final exam means an *F* for the course regardless of your final average before or after taking the final exam. However, almost no one with good Class-Work has ever faced that situation yet. It is the department policy that absolutely no make-up for the final.  
Missing the final means an (*F*) as a final grade

**How Class-Work points is calculated:** (*Please read carefully*)

- Homework problems are assigned and you are responsible to complete them in order to be prepared for the tests. **Some homework assignments might be collected** if needed, so please: Always be prepared when the assignment is due. When a homework is collected, it will be counted as a quiz, with no delay or replacement.
- During the lecture and at anytime, you will be asked one or two questions using the Attendance/Quiz sheet. The questions are mainly from homework that is due at the time, or from examples solved during the lecture of the quiz.
- If you answer correctly, then you will get points for attendance and the quiz. Otherwise, just for attendance for that day with zero or partial credit for the quiz.
- **Important:** Texting, using Smartphone or any electronic (except calculator) during the class means: -5 points for attendance and -5 points for the quiz involved.  
In a way: It is better **not** to attend and get zero, than -5 points for penalty disturbing the class and the others around you.
- **In calculating the Class-Work points:**  
Lowest 2 attendances will be dropped  
Lowest 2 quizzes will be dropped
- **You should always have a printout of the Attendance/Quiz or Homework Cover that are available on the web to download.**

**Important:**

- The **Mentor Program** and Mathematics Assistance Center (**MAC**) are very valuable and strongly recommended. There are free tutoring and help available for you to use.
- It is strongly recommended to have and use the following software: **Microsoft Excel**, **Microsoft Power Point** and **Graphmatica**. You can download Graphmatica from the M119 homepage.
- **NEW\*** The only calculator permitted for use on quizzes and exams: **Texas Instruments TI 30Xa**
- If you have to bring a child to class for any reason, then you must speak to me first. **DO NOT** bring a child without talking to me first and make sure it does not happen more than twice during the semester.
- **Accommodations:** Students needing accommodations because of a disability will need to register with Adaptive Educational Services (AES) and complete the appropriate forms issued by AES before accommodations will be given. The AES office is located in Taylor Hall, UC 100. You can also reach the office by calling 274-3241. Visit <http://aes.iupui.edu/> for more information..
- **Academic Integrity** Cheating will result in a minimum penalty of receiving a grade of F in the course. The IUPUI Department of Mathematical Sciences expects all students to adhere to the regulations put forth in the “IUPUI Code of Student Rights, Responsibilities, and Conduct” concerning academic misconduct or personal misconduct. Procedures for imposing academic and disciplinary sanctions are outlined in the Code. The Code can be found at: <http://studentaffairs.iupui.edu/student-rights/student-code/>
- **Campus-Wide Policies Governing the Conduct of Courses at IUPUI:** These can be found at [http://registrar.iupui.edu/course\\_policies.html](http://registrar.iupui.edu/course_policies.html), with links to specific policies in the general areas of attendance, academic policy, conduct and related policies.
- **Administrative Withdrawal:** A basic requirement of this course is that you will participate in all class meetings and conscientiously complete all required course activities and/or assignments. Keep in touch with me if you are unable to attend, participate, or complete an assignment on time. If you miss more than half of the required activities within the first 25% of the course without contacting me, you may be administratively withdrawn from this course. Administrative withdrawal may have academic, financial, and financial aid implications. Administrative withdrawal will take place after the full refund period, and if you are administratively withdrawn from the course you will not be eligible for a tuition refund. If you have questions about the administrative withdrawal policy at any point during the semester, please contact me.
- **It is a university rule:** No Food or Drinks allowed in classroom.
- **Extremely Important: Tech Free , Unplugged Class Room Rule:**

Due to many previous complains from other university offices and from students:

Absolutely **No use of any electronic devices (except the approved calculator)** during the class.

If You Have to use the Smartphone for an emergency, then please let me know in advance. Otherwise, as soon as the lecture starts: All electronic devices **MUST be turned off**, no expectation.

**Please remember:** It is better not to attend the class at all, than attending and getting caught texting, browsing the internet or using any electronic device except the calculator.

- If you get caught during the lecture, then you might be asked to leave plus heavy penalty in Class-Work points. It has been very disturbing for a lot of students trying to learn while others are texting or browsing.
- If you get caught during an exam, then it will be reported immediately for an automatic F for the semester. There is No Excuse, No Exception.

**Recommendation:** It is not worth the risk, and I am confident that you can manage to disconnect for the 75 minutes that you and other students paid for.

Feel free to talk to me if you have any question. This is very important to take care of in advance.

- **Tests:** Absolutely No make-up will be given for missing a test and will not be dropped or replaced by any score.

Test #1, Chapters 1	Tuesday, February 3 <sup>rd</sup> .
Midterm, Chapter 1, 2 and 3	Thursday, March 5 <sup>th</sup> .
Test#3: Chapter 4	Thursday, April 2 <sup>nd</sup> .
Test#4: Chapter 5, 6, and 7	Thursday, April 23 <sup>rd</sup> .
Final Exam: Comprehensive	Sunday, May 3 <sup>rd</sup> .

Final Exam Note: The final exam will be held Sunday, May 3<sup>rd</sup> at 1:00 pm.

- Note: this is the weekend before regular final exam week. Be sure that you do not have a conflict with the date and time of the final exam.
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- The final exam is a mandatory, paper, comprehensive, departmental exam that is NOT multiple choices. It counts as 25%. You must take and pass the final exam to pass the class
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Course Coordinators: Questions and problems relating to this course should be directed to:

[jrainey@math.iupui.edu](mailto:jrainey@math.iupui.edu)

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### **Weather Closing**

In case of bad weather and the possibility of school closing, check the following page:

<https://protect.iu.edu/news>

Also, listen to the media to find out if IUPUI is canceling evening classes. DO NOT try to contact the math department or me.

- If IUPUI officially closes on a regular day, we would still be responsible to follow the schedule and do the homework.
- If IUPUI does not close but it is severe weather and hazardous road conditions:  
Do not risk your life to attend the class, use your judgment and make sure you let me know by e-mail.

**Make sure to check Oncourse. E-mails will be sent to all students as Special Announcement whenever needed.**