

Western Kentucky University  
DEPARTMENT OF MATHEMATICS  
MATH 331: Differential Equations

Summer 2020, June 8 - July 10

Syllabus date: April 25, 2020

**INSTRUCTOR:** Dr. Mikhail Khenner  
**OFFICE:** Instructor: COHH 4104  
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**PHONE:** Instructor: 270-745-2797  
**LECTURES:** MTWRF 10:30 am - 12:10 pm via Zoom

**Information, Announcements:** Blackboard (BB); course site: MATH 331-A01 (Su 20): Differential Eqns

**Homework:** Online, at webassign.net (WA)

**Prerequisites:** MATH 137 (Calculus II) the with grade of C or better.

**Textbook:** A First Course in Differential Equations with Modeling Applications, by Zill.

*This course participates in The WKU Stores Day One Access program. This program is designed to provide immediate access to required materials for all students at prices cheaper than any other option. Required materials will be delivered to you automatically by enrolling in this course unless you choose to opt-out. By participating in this program, The WKU Store will bill your Student Billing account, and you will see a charge appear under this Term along with Tuition and Fees (Account Summary by Term under the Student Services tab) labelled as either The WKU Store Purchases or Day One Access after the Add/Drop period. For more information on this program or to opt-out of participation, go to our information page, [www.wkustore.com/t-day-one-access.aspx](http://www.wkustore.com/t-day-one-access.aspx) or call (800) 444-5155. The cost of the e-book and Webassign is \$... and it will be placed on your student bill on .... Students who stay enrolled in Day One Access are also eligible to purchase an optional low-cost looseleaf copy of the textbook for only \$.... (Students who opt-out of Day One Access are not eligible to purchase this low-cost looseleaf version of the book.) Students who wish to opt-out of this program may do so. The deadline to opt-out is .... By opting out you agree to have your e-book and Webassign access terminated and you will be responsible to obtaining the required materials on your own. If you have purchased the optional low-cost looseleaf book from The WKU Store, you must return it before the opt-out deadline in order complete the opt-out process. It must also be in its original shrinkwrap.*

WA Quick Start Guide is at webassign.net, go to Students, then Get Started. First, you'll need a class key, which enables you to create WA account and gives FREE access to online WA homework until June 20. This is called the grace period. After the grace period you'll need a paid-for access code to continue doing your homework. (This will be delivered automatically (with your ebook) on the 1st day of the course if you participate in Day One Access program.) The class key is (use all letters and numbers):

**wku 5647 9945**

Using the key, you will create an account or log into your existing account and complete the process of self-enrollment into your WA section. Notice that after logging in with class key, you will not see your class until its start date.

• **POLICIES:**

**Scores and information about the current class standing:** WA gradebook; all scores will be there in the raw and weighted forms and you'll see your current % and letter grade at all times.

- Attendance of Zoom lectures will be checked.  
 $\leq 4$  absences: nothing is subtracted from your class total %-score;  
 $> 4$  absences: a fraction of 5% that corresponds to the actual number of missed classes is subtracted from your class total %-score. Example: you missed exactly half of all classes; then 2.5% (1/2 of 5%) is subtracted.  
 It is the responsibility of the student to find out what work and announcements were missed during an absence.

Graphing calculators (TI-83 or 84) are allowed. Any calculator with built-in CAS is not allowed, thus, say, TI-89, TI-92, and TI-Nspire (unless you have the 84 faceplate) are not allowed. **You are required to show supporting work for any partial credit on an exam. Answers alone (unless a question is multiple choice) are NOT sufficient for receiving partial credit.**

**WA Homework:** You'll have at least two full days to complete each homework assignment. Homework accounts for **50%** of the total score. All homeworks are weighted equally; expect around 15 homeworks.

**Homework extensions:** In WA, at any time you can request a manual extension (an email to the instructor will be sent, who will decide whether to grant extension or not). For each granted extension you lose 10% of the score for the part of the assignment completed after the original due date.

- Exams: There will be three pen-and-paper 60-minutes exams, including the final non-comprehensive exam. Each exam accounts for 16.67% of the total score. The exams will be downloaded from Blackboard, solved at home, scanned into a file, and the file uploaded to Blackboard for grading.

$\geq 90\%$                       A

$\geq 80\%$  and  $< 90\%$     B

- **Grading Scale:**  $\geq 70\%$  and  $< 80\%$     C

$\geq 60\%$  and  $< 70\%$     D

$< 60\%$                       F

- Academic dishonesty (cheating, etc.) will not be tolerated; the instructor will not hesitate to take appropriate measures in order to penalize cheaters (like taking off points and even reporting a cheating student to an office).

Title IX Misconduct/Assault Statement:

Western Kentucky University (WKU) is committed to supporting faculty, staff and students by upholding WKUs Title IX Sexual Misconduct/Assault Policy (#0.2070) at [wku.edu/eoo/documents/titleix/wkutitleixpolicyandgrievanceprocedure.pdf](http://wku.edu/eoo/documents/titleix/wkutitleixpolicyandgrievanceprocedure.pdf) and Discrimination and Harassment Policy (#0.2040) at [wku.edu/policies/hr\\_policies/2040\\_discrimination\\_harassment\\_policy.pdf](http://wku.edu/policies/hr_policies/2040_discrimination_harassment_policy.pdf).

Under these policies, discrimination, harassment and/or sexual misconduct based on sex/gender are prohibited. If you experience an incident of sex/gender-based discrimination, harassment and/or sexual misconduct, you are encouraged to report it to the Title IX Coordinator, Andrea Anderson, 270-745-5398 or Title IX Investigators, Michael Crowe, 270-745-5429 or Joshua Hayes, 270-745-5121.

Please note that while you may report an incident of sex/gender based discrimination, harassment and/or sexual misconduct to a faculty member, WKU faculty are Responsible Employees of the University and **MUST** report what you share to WKUs Title IX Coordinator or Title IX Investigator. If you would like to speak with someone who may be able to afford you confidentiality, you may contact WKUs Counseling and Testing Center at 270-745-3159.

ADA Accommodation Statement:

In compliance with University policy, students with disabilities who require academic and/or auxiliary accommodations for this course must contact the Student Accessibility Resource Center located in Downing Student Union, room 1074 of the Student Success Center. The phone number is 270.745.5004 [270-745-3030 TTY] , or email at [sarc.connect@wku.edu](mailto:sarc.connect@wku.edu). Please do not request accommodations directly from the professor or instructor without a faculty notification letter (FNL) from The Student Accessibility Resource Center.

The schedule, policies, and assignments in this course are subject to change in the event of extenuating circumstances or by mutual agreement between the instructor and the students.