SYLLABUS FOR DIFFERENTIAL EQUATIONS

MATH 3550 (SECTION 03), SAINT LOUIS U, FALL 2017

Professor: Qayum Khan, Ph.D. (electronic mail: khanq @ slu . edu)
Office Hours: 14:10--15:00 Mo|Tu|We|Fr @ 205 Ritter
or arranged by e-mail request (at least 24 hours in advance; first check the calendar)

Lectures: 15:10--16:00 Mo|We|Fr @ 314 Ritter Hall

Course Calendar: [http://math.slu.edu/~khan/teach/](http://math.slu.edu/~khan/teach/)


Prerequisite: MATH 2530 (Calculus III), or the University-approved equivalent

Textbook Coverage: Selected from 1.1–3, 2.1–8, 3.1–7, 4.3, 5.1–3, 6.1–5, 7.1–9, 9.1–3

Grade Items: Homework (15%), Quizzes (15%), Tests (15%×3), Final Exam (25%)

Homework: The primary input for this course is the textbook, and the main goals of the lectures are to introduce and illuminate it. Therefore, reading of the text is mandatory and expected after each lecture, before starting the assignment.

Homework is assigned after each lecture and done entirely online via WileyPLUS: [https://www.wileyplus.com/class/592563](https://www.wileyplus.com/class/592563)

Regular working of problems is essential for understanding how material unfolds in the next lecture. Solutions—an answer with supporting work—should be clearly and coherently written in your Course Notebook, as a preparation for the next quiz and test. The purpose of homework is to foster critical, independent thinking skills. Study groups are encouraged.

Quizzes: A weekly quiz is given on most Fridays, at the start of class. Each quiz consists of 1 problem similar to the homework; it will be no text, no notes, and no calculator. The purpose of the quiz is to check your ability to do homework-level problems in a timed situation, without external resources that would be unavailable during tests. So, the level of the focused quiz problems is generally lower than that of comprehensive test problems.


Cumulative Final Exam: 14:00--15:50 Wed 13 Dec 2017 @ 314 Ritter

Strict Policies: Electronics, such as a text-messaging device or a laptop, are forbidden in class; the only exception to this disciplinary rule is if you have a registered disability, in which case you may qualify for extra time on quizzes and tests. Calculators are forbidden on all of the quizzes and tests, unless I require it for certain problems. You qualify for a make-up quiz/test only if you submit a punctual excuse from a campus/medical office; notify me by e-mail beforehand if you anticipate this so that I can make preparations. Cheating is taken seriously and I will not overlook it, so please keep your eyes to yourself!
University Legal Statements

Student Success Center Syllabus Statement. In recognition that people learn in a variety of ways and that learning is influenced by multiple factors (e.g., prior experience, study skills, learning disability), resources to support student success are available on campus. The Student Success Center assists students with academic and career related services, is located in 331 Busch Student Center and 114 Nursing School. Students can visit [www.slu.edu/success](http://www.slu.edu/success) to learn more about:

- Course-level support (e.g., faculty member, departmental resources, etc.) by asking your course instructor.
- University-level support (e.g., tutoring services, university writing services, disability services, academic coaching, career services, facets of curriculum planning).

Disability Services Academic Accommodations Syllabus Statement. Students with a documented disability who wish to request academic accommodations must contact Disability Services to discuss accommodation requests and eligibility requirements. Once successfully registered, the student also must notify the course instructor that they wish to access accommodations in the course.

Contact Disability Services, located within the Student Success Center, at Disability_services@slu.edu or 314-977-3484 to schedule an appointment. Confidentiality will be observed in all inquiries. Once approved, information about the student’s eligibility for academic accommodations will be shared with course instructors via email from Disability Services and viewed within Banner via the instructor’s course roster.

Note: Students who do not have a documented disability but who think they may have one are encouraged to contact to Disability Services.

Title IX Syllabus Statement. Saint Louis University and its faculty are committed to supporting our students and seeking an environment that is free of bias, discrimination, and harassment. If you have encountered any form of sexual misconduct (e.g., sexual assault, sexual harassment, stalking, domestic or dating violence), we encourage you to report this to the University. If you speak with a faculty member about an incident of misconduct, that faculty member must notify SLU’s Title IX coordinator, Anna Kratky (36 DuBourg Hall; akratky@slu.edu 314-977-3886) and share the basic facts of your experience with her. The Title IX coordinator will then be available to assist you in understanding all your options and in connecting you with all resources on and off campus.

If you wish to speak with a confidential source, you may contact the counselors at the University Counseling Center at 314-977-TALK. To view SLU’s sexual misconduct policy and for resources, please visit the following web addresses: [www.slu.edu/here4you](http://www.slu.edu/here4you)/www.slu.edu/general-counsel-home/office-of-institutional-equity-and-diversity/sexual-misconduct-policy

Academic Integrity Syllabus Statement. Academic integrity is honest, truthful, and responsible conduct in all academic endeavors. The mission of Saint Louis University is: “the pursuit of truth for the greater glory of God and for the service of humanity.” Accordingly, all acts of falsehood demean and compromise the corporate endeavors of teaching, research, health care, and community service via which SLU embodies its mission. The University strives to prepare students for lives of personal and professional integrity, and therefore it regards all breaches of academic integrity as matters of serious concern.

The governing University-level Academic Integrity Policy was adopted in Spring 2015, and can be accessed on the Provost’s Office website at: [www.slu.edu/Documents/provost/academic_affairs/University-wide_Academic_Integrity_Policy_FINAL_6-26-15.pdf](http://www.slu.edu/Documents/provost/academic_affairs/University-wide_Academic_Integrity_Policy_FINAL_6-26-15.pdf)

The college policy is found on the College Website at: [http://www.slu.edu/college-of-arts-and-sciences-home/undergraduate-education/academic-honesty](http://www.slu.edu/college-of-arts-and-sciences-home/undergraduate-education/academic-honesty)