

INSTRUCTOR: Logan Axon

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PHONE: 509-313-3897

OFFICE: Herak 307A

OFFICE HOURS: 1:30-2:30 M, 10-11 Tu in the Math Lab (Herak 224), 1:30-2:30 W, 10-11 Th, or by appointment

TEXTBOOK: **Elementary Differential Equations** by Trench

(<https://digitalcommons.trinity.edu/mono/8/>)

WEB SITE AND COURSE SCHEDULE: <http://web02.gonzaga.edu/faculty/axon/422/>

DESCRIPTION: Solution methods for first order equations and for second and higher order linear equations. Includes series methods and solution of linear systems of differential equations. Prerequisite: Math 259 minimum grade D.

OUTCOMES: Students will learn to identify differential equations, solve differential equations using various methods, and interpret their solutions.

GRADES: Grades will be based on exams (65%), WebWoRK (25%), and worksheets (10%). There will be 3 exams during the semester, each worth 13% of the total grade, and a cumulative final exam worth 26% of the total grade. WebWoRK will be due approximately weekly. No extra credit will be given. Final grades will be assigned using the following rough scale (with + or – at the top and bottom of appropriate ranges):

Score	Grade
90-100	A
80-90	B
70-80	C
60-70	D
0-60	F

PRACTICE PROBLEMS: Additional practice problems will be posted on the website. Solutions are available at <http://digitalcommons.trinity.edu/mono/10/>. The best way to get good at solving differential equations is to solve differential equations. It is strongly recommended that students devote significant time to working on these problems.

The Dean of the College of Arts and Sciences has suggested that the following be included in all course syllabi. It is important and you should read it at least once.

HARASSMENT, NON-DISCRIMINATION, AND SEXUAL MISCONDUCT: Consistent with its mission, Gonzaga seeks to assure all community members learn and work in a welcoming and inclusive environment. Title VII, Title IX, and Gonzaga's policy prohibit harassment, discrimination, and sexual misconduct. Gonzaga encourages anyone experiencing harassment, discrimination, or sexual misconduct to talk to someone from the Campus and Local Resources list found in the Harassment and Non-Discrimination Policy.

It may be helpful to talk about what happened in order to get the support needed and for Gonzaga to respond appropriately. There are options for support and resolution, namely confidential support resources, and campus reporting and support options available. Gonzaga will respond to all reports of sexual misconduct in order to stop the harassment, discrimination, or misconduct, prevent its reoccurrence and address its effects. Responses may vary from support service referrals to formal investigations.

As a faculty member, I want get you connected to the resources here on campus specially trained in and experienced in assisting in such complaints, and therefore I will report all incidents of gender-based harassment, discrimination and sexual misconduct to Title IX (in fact, I am required to report such incidents). A representative from that office will reach out to you via phone and/or email to explore options for support, safety measures and reporting. I will provide our Title IX Director with all relevant details, including names and identifying information, of the information reported. For more information about policies and resources or reporting options, please visit the following websites: Equity and Inclusion and Title IX. If you would like to directly make a report of harassment, discrimination or sexual misconduct directly, you may fill out an online

Sexual Misconduct Report Form or contact the Title IX Director by phone, email, or in person:

Stephanie N. Whaley
Title IX Director
509-313-6910
whaleys@gonzaga.edu
Business Services Building 018

NOTICE TO STUDENTS WITH DISABILITIES AND/OR MEDICAL CONDITIONS: The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability/medical condition requiring an accommodation, please call 509-313-4134 or visit the Disability Resources, Education, and Access Management (DREAM) office (room 209 Foley Library).

ATTENDANCE: I follow the university's standard policy on absences: the maximum allowable absence is two class hours (100 minutes) for each class credit. For a three-credit class meeting three times a week, the maximum number of absences allowed is six. For a three-credit class meeting twice a week, the maximum number of absences allowed is four. The grade for excessive absences is "V", which has the same effect as "F" (Fail) and is counted in the GPA. See also "Class Attendance Policy" on page 68 of the University's online catalogue.

ACADEMIC HONESTY: Academic honesty is expected of all Gonzaga University students. Academic dishonesty includes, but is not limited to, cheating, plagiarism, and theft. Any student found guilty of academic dishonesty is subject to disciplinary action, which may include, but is not limited to, a failing grade for the test or assignment in question, a failing grade for the course, or a recommendation for dismissal from the University. See also "Academic Honesty" on page 67 of the University's online catalogue.

COURSE EVALUATION: At Gonzaga, we take teaching seriously, and we ask our students to evaluate their courses and instructors so that we can provide the best possible learning experience. In that spirit, we ask students to give us feedback on their classroom experience near the end of the semester. I will ask you to take a few minutes then to carry out course/instructor evaluation in class. Please know that I appreciate your participation in this process. This is a vital part of our efforts at Gonzaga to improve continually our teaching, our academic programs, and our entire educational effort.