

**Instructor:** Dr. Joseph Stover  
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**Office hours:** Monday 3:00 - 3:50 PM (office);  
Wednesday, 3:00 - 3:50 PM (in math lab, Herak 224);  
Thursday, 1:00 - 1:50 PM (office);  
Friday, 9:00-9:50 AM (office); by appointment, or just drop by.

**Course meeting times:** Monday, Wednesday, & Friday (MWF) 2:10 - 3:00 PM  
Room: Paccar 105

**Course website:** <https://connect.gonzaga.edu/stover/math-147-01-fall-2019->  
(Course materials will be posted here.)  
<http://webwork.gonzaga.edu/webwork2/2019-fa-math-147-01/>  
(WeBWorK is for regular homework assignments.)

**Textbook:** *Precalculus* (5th edition) by J. Douglas Faires, James DeFranza.  
ISBN-13: 978-0840068620 ISBN-10: 084006862X.

**Calculators, & computational aids:** Calculators and graphing apps will be used in order to facilitate learning new concepts. Calculators and computational aides are not allowed on quizzes or exams. You should be able to solve every problem without such aides.

**Course description:** Topics include advanced equations and inequalities, functions and graphs including composite and inverse functions, logarithmic and exponential functions, trigonometric functions and their graphs, right angle trigonometry, trigonometric identities, systems of equations, and conics.

**Course goals:** This course is primarily meant as preparation for calculus. You will solidify your understanding of algebra and functions. Trigonometric functions and methods will be covered extensively with an introduction to exponentials and logarithms.

**Core Learning Outcomes:** The learning outcomes for a Core Mathematics Course support these University Core learning outcomes:

- (A) use the basic modes of inquiry and expression of the disciplines that represent liberal education.
- (C) communicate clearly and persuasively, using ideas and arguments based on evidence, logic, and critical thinking.

The learning outcomes for a Core Mathematics Course, along with the core learning outcomes they support, are:

- (1) Students will be able to reproduce and create logical mathematical arguments. (A)
- (2) Students will be able to perform calculations appropriate to the content of this mathematics course. (C)
- (3) Students will be able to communicate mathematics in writing. (C)
- (4) Students will be able to apply mathematics to problems in other disciplines. (A)

**Course Grading:** The percentage allocated to each assignment category is summarized in the table below:

Homework & other assignments	10%
Quizzes	10%
Regular exams	50%
Final exam	30%
TOTAL	100%

Grades are calculated as a percentage and rounded to the nearest whole number percentage in the standard way (e.g. 79.5% is rounded up to 80% and any grade in  $[79, 79.5)\%$  is rounded down to 79%). Letter grades are assigned according to your course average as follows: 90-100% is an A, 80-89% is a B, 70-79% is a C, 60-69% is a D, and 0-59% is an F. I reserve the right to assign “+” and “-” to letter grades at my discretion.

**A note on collaboration and working in groups:** Students are encouraged to work together on homework assignments and to study in groups. Helping other students and being helped by fellow students is a great way to learn. However, *you cannot claim to have solved a problem if you are not able to complete it on your own.* It is generally acceptable that someone explain the solution to you or that you find the solution from other sources on assignments where collaboration and access to other resources is allowed, however, you can not copy that solution down and claim to have solved the problem. You must be able to produce the solution from scratch on your own.

**Homework and other assignments:** There will be regular assignments posted on WeB-WorK. Suggested additional homework assignments will be assigned from the textbook. There may also be other homework assignments or other in-class assignments or worksheets from time-to-time. You are advised to work more problems than assigned though.

**Exams and quizzes:** There will be several regular quizzes, regular exams, and a comprehensive final exam. Exams will happen at regular intervals, and there will be roughly one to two quizzes between successive exams. The comprehensive final will be at the assigned time during the final exam period. The use of any materials such as notes, books, online or other references (but not limited to these) or any electronic devices during exams and quizzes is strictly prohibited unless specifically authorized by the instructor. Make-up exams and quizzes will only be given in extenuating circumstances at the discretion of your instructor and may include more difficult questions.

**A NOTE ON HARASSMENT, NON-DISCRIMINATION AND SEXUAL MISCONDUCT:** Consistent with its mission, Gonzaga seeks to assure that all community members learn and work in a welcoming and inclusive environment. Title VII, Title IX and Gonzaga’s policy prohibit gender-based harassment, discrimination and sexual misconduct. Gonzaga encourages anyone experiencing gender-based harassment, discrimination or sexual misconduct to talk to someone from the Campus and Local Resources list found in the [Gonzaga’s 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 to 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**. 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 make a report of harassment, discrimination or sexual misconduct directly, you may:

- Contact the Title IX Director by phone, email, or in person

Stephanie N. Thomas, Title IX Director

509-313-6910

[whaleys@gonzaga.edu](mailto:whaleys@gonzaga.edu)

Business Services Building, 018

- Or complete an online form: [Sexual Misconduct Report Form](#)

#### **NOTICE TO STUDENTS WITH DISABILITIES/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 or visit the [Disability Access Office](#) (second floor of Foley Center Library, Room 208.)

**CLASS ATTENDANCE:** I follow [Gonzaga's standard policy on absences](#): the maximum allowable absence is two class hours (100 minutes) for each class credit. For three-credit classes, the maximum absence is, therefore, six class hours (300 minutes). The grade for excessive absences is "V," which has the same effect as "F" (Fail) and is counted in the GPA.

**ACADEMIC INTEGRITY:** All members of the Gonzaga community are expected to adhere to principles of honesty and integrity in their academic endeavors. You are expected to be familiar with the [University's Academic Integrity Policy](#) and the potential sanctions for violating it. I will abide strictly by this policy's procedures and guidelines. Ignorance of the policy will not serve as a defense against any violations.

**RELIGIOUS ACCOMMODATIONS FOR STUDENTS:** In compliance with Washington State law (RCW 28.10.039), it is the policy of Gonzaga University to reasonably accommodate students who, due to the observance of religious holidays, expect to be absent or endure a significant hardship during certain days of their academic course or program. The [Policy on Religious Accommodations for Students](#) describes procedures for students requesting a Religious Accommodation and for faculty responding to such a request.

**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 on-line. 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.

**NOTE:** This syllabus is subject to change at instructors discretion. I will alert you of any changes through email or in class. You are responsible for any information disseminated from me by email or in class. You are advised to respond to any direct requests from your instructor within 24 hours.