

Muscat Scholars Program
Calculus Preparation ASP-110
Summer 2018

Instructor: Mitchell Schoenbrun
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Classroom: Cowell 417
 (8:00AM) Mon/Wed/Fri

Office hours: Mon/Wed/Fri
Location: Harney 122E 9:30-10:30
Mail: Harney 222

Course Description:

This course will cover some topics in mathematics. These topics will involve some applications as well as accessible topics that are not usually part of the high school mathematics curriculum. They will serve as a vehicle to review mathematics required for Calculus as well as provide students with an introduction to the pace and expectations of a college mathematics course.

Required Textbook:

- None, all materials will be provided

Coursework and Grades:

Your course grade will be determined as follows:

Attendance and Participation	40%
Homework Assignments	40%
Quizzes	20%

In this course new mathematics will be introduced. However this is not the main focus of the class. Some review of Algebra, Geometry and Pre-Calculus mathematics will be part of this class. This also is not the main focus of the class. The main purpose of the class is to give students an introduction into the pace of a college level mathematics course.

As such, grading will be strongly weighted toward attendance, participation and homework. Learning the mathematics while important will be secondary.

Attendance: For this class, attendance is mandatory. Please takes steps to be in class by 8:00AM each day. If you have difficulty being on time, please plan to be in class 5-10 minutes early. Lateness to class will affect your grade. It is vital that students understand the need for personal discipline and as such attendance at each of the six classes is important. A valid excuse will require a note from one's advisor indicating that she or he is convinced that the absence was unavoidable. UNAVOIDABLE! Students should come to class with note taking paper and pens and/or pencils.

Homework: Along with attending class, students must turn in each assignment on time. Perfect accuracy on homework is not expected. However a conscientious attempt at all problems is required. Collaborating with other students in the class is encouraged, however a student must only turn in work that they personally understand. Please write your name on the top right corner of the first page and staple the pages together. You are encouraged to put meta-comments on your work. For example:

1) I found this problem very easy

2) This problem was very difficult. I spent 15 minutes on it and did not make much progress.

Late homework is not accepted unless you have a note from your advisor indicating that she or he is convinced that the absence was unavoidable. UNAVOIDABLE! If you will not be in class, you can have it turned in to my mailbox by 9:30AM or email it to me by then. Otherwise, homework must be turned in during class at the time requested.

Grading of homework: The emphasis in grading homework will be that you put in sufficient effort. Legibility is important. If your handwriting is poor you have a few choices.

1) Type your homework. This can be challenging with mathematics, although most word processors have an equation editor. Visit me during my office hours for some help in this area.

2) After completing your homework, re-write it carefully.

Quizzes:

There will be some short quizzes during class. They will have time restrictions, however you are encouraged not to rush through a quiz. Instead answer the questions you know how as best you can in the time allotted. Do not assume that missing some questions indicates a poor grade. Recall that the main purpose of this class is to get you ready for a college level mathematics class.

Calculators:

Using a scientific calculator for this course is optional. Graphics calculators, and cell phone apps are acceptable.

Grading Scale: While I retain the right to adjust this scale as I see fit, you can expect the following grading.

A - Student comes to all classes on time, except for excused absences, turns in all homework on time done in a conscientious manner and shows reasonable understanding of the material covered.

B - Student comes to all classes on time, except for excused absences, turns in all homework on time done in a conscientious manner but does not show a reasonable understanding of the material covered.

or - Student qualifies for an A but misses up to 1 class or turns in all but 1 assignment.

C - Student has more than one unexcused absence and assignment and shows a reasonable understanding of the material covered.

F - Student misses more than 2 classes and/or assignments.

Classroom Behavior: During class you should mute or turn off any phones. The only exception will be for family emergencies that require you to respond. You will need to let me know if that is the case at the beginning of class. You should not be using a laptop unless it is for taking notes, **ONLY!** Talking during class should be kept at a minimum unless you are recognized, and should only concern what is going on in class. If you need to ask another student such a question, please do it in a quiet and non-disruptive manner.

Students are expected to take notes in class on the material presented.

All students are expected to behave in accordance with the Student Conduct Code and other University policies (see <http://www.usfca.edu/fogcutter/>). Open discussion and disagreement is encouraged when done respectfully and in the spirit of academic discourse. There are also a variety of behaviors that, while not against a specific University policy, may create disruption in this course. Students whose behavior is disruptive or who fail to comply with the instructor may be dismissed from the class for the remainder of the class period and may need to meet with the instructor or Dean prior to returning to the next class period. If necessary, referrals may also be made to the Student Conduct process for violations of the Student Conduct Code. . Violations will be noted and may affect your grade in a negative manner.

Academic Integrity:

As a Jesuit institution committed to *cura peronalis* - the care and education of the whole person - USF has an obligation to embody and foster the values of honesty and integrity. USF upholds the standards of honest and integrity from all members of the academic community. All students are expect to know and adhere to the University's Honor Code. You can read the full text of the code online at www.usfca.edu/academic-integrity.

- Plagiarism — intentionally or unintentionally representing the words or ideas of another person as your own; failure to properly cite references; manufacturing references.
- Working with another person when independent work is required.
- Submission of the same paper in more than one course without the specific permission of each instructor.
- Submitting a paper written by another person or obtained from the internet.
- The penalties for violation of the policy may include a failing grade on the assignment, a failing grade in the course, and/or a referral to the Academic Integrity Committee.

Students with Disabilities:

If you are a student with a disability or disabling condition, or if you think you may have a disability, please contact USF Student Disability Services (SDS) at 415 422-2613 within the first week of class, or immediately upon onset of disability, to speak with a disability specialist.

If you are determined eligible for reasonable accommodations, please meet with your disability specialist so they can arrange to have your accommodation letter sent to me, and we will discuss your needs for this course. For more information, please visit: <http://www.usfca.edu/sds> <http://www.usfca.edu/sds> or call (415) 422-2613.

Counseling and Psychological Services:

Our diverse staff offers brief individual, couple, and group counseling to student members of our community. CAPS services are confidential and free of charge. Call 415-422-6352 for an initial consultation appointment. Having a crisis at 3 AM? We are still here for you. Telephone consultation through CAPS After Hours is available between the hours of 5:00 PM to 8:30 AM; call the above number and press 2.

- To report any sexual misconduct, students may visit the Title IX Coordinator Legighia Fleming (UC 5th floor) or see many other options by visiting our website: <http://www.usfca.edu/title-ix>. Students should be aware that faculty members are required to report any sexual misconduct or assault they learn of.
- Students may speak to someone confidentially, or report a sexual assault confidentially by contacting Counseling and Psychological Services at [415-422-6352](tel:415-422-6352) or speaking to a clergy member in University Ministry at [415-422-4463](tel:415-422-4463).
- To find out more about reporting a sexual assault and resources at USF, visit USFs Callisto website at: <http://usfca.callistocampus.org/> <https://usfca.callistocampus.org>.
- For an off-campus resource, contact San Francisco Women Against Rape (SFWAR) (415) 647-7273 (<http://www.sfwar.org/>).

Course Web Page:

You can access your class Web Page by going to <http://www.schoenbrun.com/usf/asp110>.

Important dates:

- *Monday August 6th :First day of class*
- *Friday August 17th: Last day of class*