Point Loma Nazarene University
Department of Mathematical, Information and Computer Science

MTH121-1	Graphical and Numerical Calculus
Class Time	F 7:30 am – 8:20 am
Location	RS 101
Instructor	Dr. Catherine Crockett
Office	RS 226
Phone	619-849-2723
Email	catherinecrockett@pointloma.edu
Office Hours	MWF 11:00 -12:00, T TH 10:45-11:45, MW 1-2
Textbook	Lectures will be handed out
Exam 1	**Oct 12th**
Final Exam	**Dec 7th**

Course Description An Introduction to mathematical modeling using mathematical concepts from Calculus I. Graded Credit/No Credit.

Grade Distribution

One partial exam (points)	250	points
Final Exam	300	points
Assignments	450	points
Total	1000	points

Course Requirements

A score of 3 or more on AP 114 or AP 115 or credit for a calculus course from another institution.

Homework Homework will be assigned during the week and it will be collected the following Friday. No late homework will be accepted.

Final Exam The Final Exam is a **COMPREHENSIVE** examination.

Resources Library

Tutorial Center The tutorial center (located in the Bond Academic Center) may have tutors that can help you clarify questions you may have regarding material covered in class or about the homework.

Mathematics Learning Center The Mathematics Learning Center (located on the second floor of Rohr Science) may have tutors that can help you clarify questions you may have regarding material covered in class or about the homework. Check with department assistant for the schedule.

GENERAL EDUCATION
This course is one of the components of the General Education Program at Point Loma Nazarene University, under the category of *Developing Cognitive Abilities*. By including this course in a common educational experience for undergraduates, the faculty supports the pursuit of personal awareness and skill development, focusing on the analytical, communicative, and quantitative skills necessary for successful living in society.

COURSE LEARNING OUTCOMES:

Students will be able to develop mathematical models for simple problems.
Students will be able to solve these problems using calculus.

Attendance:

Attendance is expected at each class session. In the event of an absence you are responsible for the material covered in class and the assignments given that day.

Regular and punctual attendance at all classes in which a student is registered is considered essential to optimum academic achievement. Therefore, regular attendance and participation in each course are minimal requirements to be met. There are no allowed or excused absences except when absences are necessitated by certain university-sponsored activities and are approved in writing by the Provost. Whenever the number of accumulated absences in a class, for any cause, exceeds ten percent of the total number of class meetings, the faculty member has the option of filing a written report to the Vice Provost for Academic Administration which may result in de-enrollment, pending any resolution of the excessive absences between the faculty member and the student…If the date of de-enrollment is past the last date to withdraw from a class, the student will be assigned a grade of W or WF (no grade). There are no refunds for courses where a de-enrollment was processed." (see catalog for full text)

Class Enrollment:

It is the student's responsibility to maintain his/her class schedule. Should the need arise to drop this course (personal emergencies, poor performance, etc.), the student has the responsibility to follow through (provided the drop date meets the stated calendar deadline established by the university), not the instructor. Simply ceasing to attend this course or failing to follow through to arrange for a change of registration (drop/add) may easily result in a grade of F on the official transcript.

Academic Accommodations:

While all students are expected to meet the minimum academic standards for completion of this course as established by the instructor, students with disabilities may require academic accommodations. At Point Loma Nazarene University, students requesting academic accommodations must file documentation with the Disability Resource Center (DRC), located in the Bond Academic Center. Once the student files documentation, the Disability Resource Center will contact the student's instructors and provide written recommendations for reasonable and appropriate accommodations to meet the individual needs of the student. This policy assists the university in its commitment to full compliance with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities (ADA) Act of 1990, and ADA Amendments Act of 2008, all of which prohibit discrimination against students with disabilities and guarantees all qualified students equal access to and benefits of PLNU programs and activities.

Students with learning disabilities who may need accommodations should discuss options with the instructor during the first two weeks of class.

Academic Honesty:

The Point Loma Nazarene University community holds the highest standards of honesty and integrity in all aspects of university life. Academic honesty and integrity are strong values among faculty and students alike. Any violation of the university's commitment is a serious affront to the very nature of Point Loma's mission and purpose.

Academic dishonesty is the act of presenting information, ideas, and/or concepts as one's own when in reality they are the results of another person's creativity and effort. Such acts include plagiarism, copying of class assignments, and copying or other fraudulent behavior on examinations. For more details on PLNU's policy go to: http://www.pointloma.edu/experience/academics/catalogs/undergraduate-catalog/point-loma-education/academic-policies

A student who is caught cheating on any item of work will receive a zero on that item and may receive an "F" for the semester. See the PLNU Catalog for a further explanation of the PLNU procedures for academic dishonesty.

Final Exam: Date and Time

The final exam date and time is set by the university at the beginning of the semester and may not be changed by the instructor. Only in the case that a student is required to take three exams during the same day of finals week is an instructor authorized to change the exam date and time for that particular student.

Week	Monday	Wednesday	Friday
1	8/27	8/29	8/31 Introduction and can of coke experiment
2	9/3 No Class	9/5	9/7 Spread of aids, part1
3	9/10	9/12	9/14 Spread of aids, part2
4	9/17	9/19	9/21 Spread of aids, part 3
5	9/24	9/26	9/28 Spread of aids, part 4
6	10/1	10/3	10/5 Work and electricity, part 1
7	10/8	10/10	10/12 Exam #1
8	10/15	10/17	10/19 No Class Fall Break Day
9	10/22	10/24	10/26 Work and electricity, part 2
10	10/29	10/31	11/2 US population
11	11/5	11/7	11/9 Financial, part 1
12	11/12	11/14	11/16 Financial, part 2
13	11/19	11/21 No Class	11/23 No Class
14	11/26	11/28	11/30 Financial, part 3
15	12/3	12/5	12/7 **Final Exam**
Final Exams Week	12/10	12/12	12/14 **Math 164 final exam 8-10**