

MTH 112: Elementary Functions

(Warning: This syllabus is subject to change by the instructor.)

INSTRUCTOR: Peter Haberman

OFFICE: ST 203

PHONE: 971-722-4135

EMAIL: phaberma@pcc.edu

WEBPAGE: spot.pcc.edu/~phaberma/

OFFICE HOURS:

Tues.: 12:30–1:50 pm

4:20–5:00 pm (by arrangement)

Thurs: 12:30–1:50 pm

4:20–5:00 pm (by arrangement)

SECTION: 2:00 – 4:20 on Tuesdays & Thursdays in TCB 218 (CRN: 11352)

COURSE DESCRIPTION: MTH 112 is specifically designed for those students going on through the Calculus series. Applications of trigonometric functions and identities, right and oblique triangles, vectors, polar coordinates, parametric equations, and complex numbers will be investigated.

PREREQUISITE: MTH 111, WR 115, and RD 115.

TEXT: *Precalculus: A Unit Circle Approach to Trigonometry*, 3rd edition, Sullivan & Sullivan.

CALCULATOR: You are expected to have a graphing calculator. The TI-89 Titanium or the Casio Classpad are recommended. The TI-89 will be used for most classroom presentations that involve a graphing calculator.

GRADES AND DEADLINES:

ACTIVITIES	POINTS
Two Exams @ 100 points each	200
Final Exam	150
Graded Activities (7 @ 12 points each)	84
TOTAL POSSIBLE:	434

A: 90 – 100 %, **B:** 80 – 89 %, **C:** 70 – 79 %, **D:** 60 – 69 %, **F:** below 60 %

- To obtain an **AUDIT** (AUD) “grade”, you need to get my signature on a registration form and submit the form to the registrar on or before **5 pm on Friday, January 13**. Note that you will not receive any credit for the class if you take an audit.
- You may opt for a grade of **PASS/NO PASS** (P/NP) for this course. (Consult your advisor to determine if PASS/NO PASS is allowed for your major.) To obtain a PASS/NO PASS grade, you need to select that grading option in the registration section of MyPCC on or before **10 pm on Saturday, March 4**.
- The deadline for **dropping** from the class without receiving a “W” is **10 pm on Saturday, January 14** if you do it online via MyPCC.
- The deadline for **withdrawing** from the class (a “W” will appear on your transcript) is **10 pm on Saturday, March 4**.

EXAMS: There will be two “midterm” exams during the quarter as well as a cumulative (i.e., it will cover all of the material that we study during the quarter) Final Exam given during Finals Week. (See the Course Calendar.) No make-ups will be given unless an arrangement is made *prior to the exam date*.

GRADED WORKSHEETS: There will be (at least) eight “graded worksheets” during the quarter. No make-up opportunities will be offered for these worksheets but, since only your best seven scores will count, you can afford one missed or poor worksheet grade. These will combine to contribute 84 points (almost 20%) of your final course grade.

HOMEWORK: For each topic that we study, I will provide a list of suggested problems. (See the Course Calendar.) Although they will not be collected and graded, it is expected that you practice and study these problems. As with all college courses, you should plan to spend about two hours studying outside class for each hour you spend in class. Since this is a 5-credit course, you should expect to spend about 15 hours each week on course-related activities.

CLASSROOM: During class, we’ll often work together to fill-out a document that will become our “lecture notes.” Unfortunately, due to new budget restrictions, I’m not permitted to print and distribute these documents so you’re responsible for printing them yourself and bringing them with you to class. The Lecture Note documents will be available on my webpage in PDF format. I *beg* you to print the lecture notes and bring them with you to class since, without your own copy of the notes, it may be difficult to keep up with class and, when class ends, you won’t have a comprehensive set of lecture notes to study.

EXTRA HELP: My office hours are time I set aside to work with student so don’t hesitate to stop by and ask questions. If your schedule doesn’t coincide with my office hours, you are encouraged to make an appointment to see me at another time. You can also get help from free math tutors at the *Student Learning Centers* (pcc.edu/resources/tutoring/sylvania/student-success, SY Library 140) and the *Multicultural Centers* (pcc.edu/resources/culture, SY CC 267B) which are open to all PCC students.

ADA STATEMENT: Students who experience disability-related barriers should contact Disability Services. If students elect to use approved academic adjustments, they must provide in advance formal notification from Disability Services to the instructor. Learn more at www.pcc.edu/disability.

TITLE IX STATEMENT: PCC is committed to creating and fostering a learning and working environment based on open communication and mutual respect. If you believe you have encountered sexual harassment, sexual misconduct, sexual assault, or discrimination based on race, color, religion, age, national origin, veteran status, sex, sexual orientation, gender identity, or disability please contact the Office of Equity and Inclusion at 971-722-5840 or equity.inclusion@pcc.edu.

PCC GRADING GUIDELINES: www.pcc.edu/resources/student-records/grading/

STUDENT’S RIGHTS/RESPONSIBILITIES: www.pcc.edu/about/policy/student-rights/