

Math 130 Online

Syllabus

Fall 2023

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Write “Math 130 Online” on the subject line when emailing me otherwise your message will be suspected as spam and may be deleted without opening. If you do not get a response within 24 hours check the subject line and resend. Please write your full name in the body of the email and include all previous email text.

Office Hours:

I will hold office hours online Wednesdays from 6-7 pm and other times by appointment. You can get your questions answered and I will go over examples of problems you will see on the exams. The Zoom link is in MyOpenMath. These sessions do not count toward your grade.

Required Materials:

- Trigonometry by Lippman. You can download the book (for free) on my webpage or purchase at [Amazon](#) or the college bookstore
- MyOpenMath is free and access will be available after completing the orientation quiz
- Scientific Calculator with trigonometric functions. No calculators with CAS or MathPrint capabilities (eg TI-89, TI-92, TI Nspire CAS, Casio ClassPad, TI-30XS, TI-34, TI-36X Pro)

Technical Requirements:

- Internet access (high speed is best)
- Calculators can be borrowed from the campus Library
- A way to upload documents in pdf format

Technical Support

Canvas support can be found at <http://www.skylinecollege.edu/onlineeducation/>

Orientation Quiz:

The orientation quiz is available in Canvas from August 26 – 28. After completion you will receive access to MyOpenMath and can start the course.

Course Description:

Trigonometric functions of real numbers and angles; solution of triangles; radian measure; graphs of trigonometric functions; trigonometric equations and identities; inverse trigonometric functions; complex numbers; applications of trigonometry. Transfer credit: CSU (B4).

Student Learning Outcomes:

Upon completion of the course:

- Create, manipulate, and interpret mathematical models of periodic relationships through real world applications.
- Recognize, apply, and interpret multiple representations (graphic, symbolic, numerical/data, verbal/applied) of periodic functions and their applications.
- Recognize, apply, and interpret proportional reasoning in the context of right triangles and circles by analyzing a variety of problems, then applying the trigonometric definitions, choosing appropriate methods, and applying these methods to the solution of the problems.

Attendance:

Attendance is the basis for learning and without good attendance it is difficult to build the foundation necessary to pass this course. Attendance in an online class is measured by logging into MyOpenMath frequently and doing work. You may be dropped from the course for any of the following reasons:

- Online orientation not completed and logged into MyOpenMath by August 28
- First online assignment (on MyOpenMath) not completed by August 31
- All online assignments due before September 17 (Census date) not submitted
- 2 exams not taken
- 4 online assignments missed (including Forum assignments)

Grading:

Book Homework	15%	93-100%	A	77-79%	C+
Online Work	15%	90-92%	A-	70-76%	C
Exams	50%	87-89%	B+	63-69%	D
Final	20%	83-86%	B	60-62%	D-
		80-82%	B-	Below 60%	F

To receive a grade of C or better you must have at least 70% weighted average on the exams and final and earn at least 50% on the final.

Borderline grades are scores within 1 percentage point of the next higher grade. If your MyOpenMath score is above 90% and you have made substantive contributions to the Forum, a borderline grade will be rounded to the next higher grade.

Book Homework:

Homework assignments from the textbook can be found on the Unit Checklists in MyOpenMath in the unit folders. The first Unit Checklist is also on Canvas. See the Homework Grading Policy document for the format. The due dates are on the schedule, the last page of this syllabus, and the Unit Checklist. It will be graded on completeness, correctness, and following the grading policies. All work must be shown. The homework will be submitted in Canvas in pdf format and the link will be available a few days before the due date.

Online Assignments

Online homework can be found on MyOpenMath. You may redo the homework an unlimited number of times. All online assignments have deadlines which can be found on the Unit Checklist, the Schedule, and on MyOpenMath. Your lowest online homework score will be dropped. Forum assignments are graded and can be found on the Forums link in MyOpenMath. The due dates for the Forums are on the Unit Checklists and the Schedule.

Extra Credit:

- For each online homework assignment completed 24 hours early with a score of 100% you will receive 2 extra percentage points. The maximum overall score of online work will not exceed 105%. Forum assignments do not count toward extra credit.
- Help students on the Forum.

Exams:

There will be 4 proctored exams and the lowest exam score will be dropped. To receive a grade of C or better you must have 70% weighted average on the exams and final. The exams will be at Skyline College in room 12-130 (building 12) at 4pm. See the schedule for dates. No make-up exams will be given. If you miss an exam, it will count as your dropped score. A valid photo ID is required for each exam (Driver's license, passport, or school id). All exams are closed book. Bring your calculator.

If you have a scheduling conflict, contact me at least one week prior to the exam date to schedule a different time on the scheduled date. If you are not able to come to campus for an exam, you may take it at an approved (by me) testing center that offers proctoring services. Send me the contact information at least 2 weeks prior to the exam date.

You are permitted one optional 2% note card. What this means is you may fill out (front and back) a 3x5 note card with anything you want. Before the start of the exam, place your card on my desk. Anytime during the exam, you may come get it, keep it for the rest of the exam time and 2% will be deducted from your score.

Final Exam:

The final exam is cumulative. You must earn at least 50% on the final to pass this course. The final is Monday December 11 at 4 pm.

Tutoring:

The Learning Center provides free in-person and online tutoring and details can be found on their website. <http://www.skylinecollege.edu/learningcenter/index.php> Free online tutoring is also available from NetTutor and the login information is on Canvas.

Cheating:

DO NOT CHEAT!! Skyline's policy concerning cheating is outlined in the Student Handbook. If you are caught cheating during a graded assignment your score will be zero. Some examples of cheating are: sharing anything with a student (calculator, pencil, eraser, etc.), unauthorized notes, altering your calculator, any type of communication other than with the instructor, cell phone in the on position, anything programmed into your calculator.

Students with special needs:

In coordination with the [Educational Access Center](#), reasonable accommodation will be provided for eligible students with disabilities. For more assistance, please contact the EAC Bldg 5, Room 5132 or call 650-738-4228.

Important Dates:

Online Orientation and log into MOM:	8/28
First online assignment due:	8/31
Drop deadline:	9/17
Exam Dates:	9/25, 10/16, 11/13, 12/4
Final Exam:	12/11

Official information about course transferability and degree applicability is stated in the Skyline [College Catalog](#) and is updated on an annual basis. For the most current information about course transferability, consult a Skyline College counselor and/or ASSIST, the online transfer information database: <http://www.assist.org/web---assist/welcome.html>