



UNIVERSITY of HAWAII  
**WINDWARD COMMUNITY COLLEGE**  
Ke Kulanui Kaiāulu o ke Ko'olau

## **Math 140 - Precalculus: Trig/Analytic Geometry**

Fall 2024, THIS IS AN 8-WEEK COURSE THAT BEGINS ON 10/21/24 AND ENDS ON 12/13/24.

3 Credits | CRN 64032

### **Windward Community College Mission Statement**

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Windward Community College offers innovative programs in the arts and sciences and opportunities to gain knowledge and understanding of Hawai'i and its unique heritage. With a special commitment to support the access and educational needs of Native Hawaiians, we provide the Ko'olau region of O'ahu and beyond with liberal arts, career and lifelong learning in a supportive and challenging environment – inspiring students to excellence.

### **Instructor Information**

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#### **How to Contact Your Instructor**

Rukiyah Walker

**Office:** Online via Zoom (linked below)

**Office Hours:** [Monday](#) 9:00am-10:00am & [Wednesday](#) 3:00pm-4:00pm or by appointment.

**Email:** [rukiahw@hawaii.edu](mailto:rukiahw@hawaii.edu) (Preferred method of communication. Will respond within 24 hours, excluding weekends and holidays)

#### **Alternate Contact Information**

If you are unable to contact the instructor, have questions that your instructor cannot answer, or for any other issues, please contact the Academic Affairs Office:

- Location: Alaka'i 121
- Phone: (808) 235-7422

### **Course Information**

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#### **Catalog Description**

Studies trigonometric functions, analytic geometry, polar coordinates, vectors, and related topics. This course is the second part of the precalculus sequence.

**Pre-Requisites:** Grade of "C" or better in MATH 135 or equivalent, satisfactory math placement test score, or consent of instructor.

## Student Learning Outcomes

As a result of taking this course, students can expect to attain the following outcomes:

1. Employ algebraic and geometric representations of trigonometric functions and other relations.
2. Use appropriate techniques to analyze and solve application problems requiring the use of trigonometry or analytical geometry.
3. Utilize precise mathematical language and symbols to effectively communicate mathematics in written and/or oral form.

Note: All SLO assessments are embedded in class homework, tests, or exams.

## Learning Resources/Required Materials

- **MyLab Math (MLM)**  
The MyLab Math (MLM) Online Program comes with the eBook *A Graphical Approach to Precalculus with Limits*, 7th Edition, by Hornsby, Lial & Rockswold. MLM registration instructions via Lulima.
- Scientific calculator (no graphing calculators may be used on tests).

Additional Learning Resources:

- Symbolab: <https://www.symbolab.com>
- Wolfram Alpha: <http://www.wolframalpha.com>
- Desmos Graphing Calculator: <https://www.desmos.com>
- Khan Academy Videos: <http://www.khanacademy.org>
- Tutor.com: <https://windward.hawaii.edu/tutor.com/>
- The Math Lab: La'akea 220  
<https://windward.hawaii.edu/services-for-students/tutoring/ka-piko/>
- TRIO: <https://windward.hawaii.edu/services-for-students/tutoring/trio-sss/>

## Course Format

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**Attendance and Class Preparation:** This is an online class and students are expected to keep pace with the posted assignments. Students are expected to interact with the instructor and other members of this online class with professionalism. There will be no extra credit work. There will be a 10% grade deduction on any late homework on MLM. All due dates are outlined on MLM.

**Final Exam:** There will be one cumulative computer-based final exam on MLM. The exam is timed (3 hours). The exam is not proctored and can be taken on any computer. Handwritten work or scrap paper is required to be submitted for the final exam on Lulima. Without such supporting work, the MyMathLab score will be reduced by 50% for the purpose of the course grade

calculation. No late final exams will be accepted for a grade. The final exam is due no later than December 13th, 2024 at 11:59 PM.

**Tests:** There will be 3 computer-based tests through MLM. The tests are timed (2 hours). The tests are not proctored and can be taken on any computer. You will have 2 attempts for each test, and I will take the highest score. Handwritten work is required to be submitted for the best attempt on each test on Laulima or in-person. Without such supporting work, the MyMathLab score will be reduced by 50% for the purpose of the course grade calculation. To view test feedback, click on "Submit Written Work" in Laulima, then click on the appropriate test, then scroll down to the bottom of the page where it says "Additional instructor's comments about your submission".

**MLM Homework:** Computer-based homework is due through the MLM program. There will be a 10% grade deduction for problems submitted after the due date. The final date of submission for late homework is December 13th, 2024. You have unlimited attempts at homework problems and your highest score will be saved.

**Forum Posts:** There will be 3 forum posts throughout the semester which are located on Laulima's Discussions page. The posts will open on Mondays and are due on Fridays as indicated in the course calendar. The forum posts are not math related, instead they are an opportunity for us to get to know each other. You are expected to post and reply to at least one other student to earn points. Past due forums will not be re-opened for credit.

- MySuccess: Students may be referred for extra help or advising through MySuccess. Students can also explore resources at MySuccess.Hawaii.edu and [windward.hawaii.edu/MySuccess](http://windward.hawaii.edu/MySuccess)
- Students may check the [Student Notifications](#) page on the website for canceled classes.

## Regular Substantive Interaction

Online courses at Windward Community College follow these guidelines for ensuring quality instruction: [RSI Definition-WCC](#).

## Other Technology

Review the privacy/security policies before using the technologies we will be using in this class. Co

- [Google Docs](#) is used to create the Course Design Document and rubrics ([accessibility statement](#), [privacy policy](#))
- [YouTube](#) is used for delivering some of the course content ([accessibility statement](#), [privacy policy](#))
- [Zoom](#) is used for the virtual office hours ([accessibility statement](#), [privacy policy](#))

## Participation Verification

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Campuses are required by federal regulations to verify the participation of students in their classes. In accordance with Executive Policy 7.209, all students in the University of Hawai'i system are required to establish "participation" to ensure that they are not dropped from their class(es). Students who fail to participate by the late registration period for a class will be administratively dropped from that class. Students may also be dropped from dependent prerequisite and/or corequisite classes if both courses do not establish participation.

## Grading Policy

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All grades and course materials will be accessed through Pearson MyLab Math and Lauilima. To view your overall grade in the course, login to MyLab Math and click on Student Gradebook in the left-side menu. The grade breakdown will be as follows:

Assignment	Percentage
Final Exam	20%
3 Tests	40%
MyLab Math (MLM) Homework	35%
Forum posts (3 total)	5%
<b>Total</b>	<b>100%</b>

A letter grade for the course will be assigned according to the level of achievement as provided below:

A = 90%-100%

B = 80%-89%

C = 70%-79%

D = 60%-69%

F = 0%-59%

CR 70% or above of the cumulative points possible

NC Less than 70% of the cumulative points possible

W Official Withdrawal

I Incomplete

**Note:** CR/NC grades require written instructor consent. Students must apply for CR/NC grading option at the WCC Admissions Office by the posted deadline.

**Note:** The W grade is given only when the student officially withdraws from the course by the posted deadline.

**Note:** The I grade is a temporary grade given at the instructor's discretion when a student has failed to complete a small part of a course because of circumstances beyond his or her control. A student may qualify for the I grade if (a) they are unable to take the final exam and (b) taking the final exam could possibly raise their course grade.

**\*\*\*This syllabus is subject to change at any time at the discretion of the instructor. Students are responsible for keeping current with changes made to this syllabus. Be sure to check your school email for class announcements.**

## Course Calendar

Week	Date	Assignments to Complete
1	10/21-10/25	Laulima: Read syllabus, connect to MyLab Math via registration instructions on Laulima, <b>Forum Post 1</b> MyLab Math: 9.1, 9.2, 9.3
2	10/28-11/1	MLM: 9.4, 9.5, 9.6
3	11/4-11/8	MLM: 9.7, Chapter Review, <b>Test 1</b> *November 5th - Election Day
4	11/11-11/15	MLM: 10.1, 10.2, 10.3, 10.4, <b>Laulima: Forum 2</b> *November 11th - Veterans Day
5	11/18-11/22	MLM: 10.5, 10.6, Chapter 10 Review, <b>Test 2</b>
6	11/25-11/29	MLM: 11.1, 11.2, 11.3, <b>Laulima: Forum 3</b> *November 28th - Thanksgiving Day *November 29th - Non-Instructional day
7	12/2-12/6	MLM: 11.6, Chapter 11 Review, <b>Test 3</b>
8	12/9-12/13	MLM: 8.1, 8.2, 8.3, 8.4, Final Exam Review
		MLM: <b>Final Exam</b> The Final Exam must be completed by December 13th. No late final exams will be accepted for a grade.

\*Bold text denotes a Holiday

## Academic Integrity

You are free to work with each other on homework, however, work on exams must be of your own merit. All cases of academic dishonesty are referred to the Vice Chancellor for Student Affairs.

WCC Policies: <https://windward.hawaii.edu/Policies/>

In this class, students who commit academic dishonesty, cheating, or plagiarism will have the following consequence(s):

Students will receive a failing grade for plagiarized assignments.

All cases of academic dishonesty are referred to the Vice Chancellor for Student Affairs.

[Windward CC Student Conduct Information](#)

[UH System Student Conduct Policy EO 7.208](#)

### Artificial Intelligence

In this course, students are not permitted to use generative AI applications such as ChatGPT, Bard, or Bing, in whole or in part, to generate course materials or assignments. Grammar and spell checking tools such as those integrated into MS Word may be used. If you have any questions about whether a particular tool or specific use is permitted, check with the professor.

## Student Responsibilities

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- Have access to a reliable high-speed internet connection and a computer.
- Have adequate computer skills.
- Check Lulima and school emails daily
- Be self-motivated
- Set aside adequate study time
- Be transparent and communicate with instructor

## How to Seek Academic or Technical Support

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### Academic Support

- [Windward Community College Library](#)
- [Library eResources](#)
- [Ka Piko Writing Lab](#)
- [Ka Piko Speech Lab](#)
- [Ka Piko Math Lab](#)
- [Evening and Online Learning at Windward Community College](#)
- [STAR Balance](#)

### Technical Support

- [UH ITS Help Desk](#) – email [help@hawaii.edu](mailto:help@hawaii.edu) or call 956-8883 (or 1-800-558-2669) for Lulima and most technology support. Available 24 hours a day, 7 days a week, including holidays.

- Student Tech Support - email [winhelp@hawaii.edu](mailto:winhelp@hawaii.edu), call 808-235-7437, or stop by in person at Hale La'akea 228. Available Monday–Friday from 8:00 am–4:00 pm.
- Laulima – Click on the [Request Assistance](#) link at the bottom of any Laulima Page to fill out and submit a question and get your answer via email.
- [Information Security for Students](#)

## College Policies & Support Services

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### Disabilities Accommodations Statement

The Windward Community College's Disability Student Services Office (WCC-DSSO) is committed to providing equal access to qualified students with disabilities.

If you have a physical, sensory, health, cognitive, or mental health disability that could limit your ability to participate fully in this class, you are encouraged to contact the Disability Specialist Counselor, Roy Inouye, to discuss reasonable accommodations that will help you succeed in this class. The Disabilities Counselor can be reached at 808-235-7448, [wccdsso@hawaii.edu](mailto:wccdsso@hawaii.edu), or stop by the office (Hale Kako'o 106) for more information.

### Basic Needs

Basic needs include food and housing, childcare, mental health, financial resources, and transportation. Student basic needs security is critical for ensuring strong academic performance, persistence and graduation, and overall student well-being. If you or someone you know is experiencing basic needs insecurity, please see the [UH System Basic Needs website](#).

### Mental Health Counseling

Mental Health and Wellness at Windward Community College counseling services and activities on campus to support students' life goals as well as their academic goals. Information about services can be found at the [WCC Mental Health & Wellness website](#).

### UH Alerts

The UH Alert emergency notification system alerts the university community in the event of a natural, health or civil emergency. The information you provide will only be used in the event of an emergency that impacts the health and safety of the UH community or the closure of whole campuses. It will not be shared with others or used for routine UH communications or announcements. To sign up, visit [UH Alerts website](#) for more information.

### Financial Aid

If you are receiving financial aid and are contemplating not completing the course, BEFORE you withdraw, it is highly recommended that you contact the Financial Aid Office at 808-934-2712 or email them at [wccfao@hawaii.edu](mailto:wccfao@hawaii.edu) to discuss the impact this decision may have on your financial aid eligibility.

## Student Conduct Code

Windward Community College follows the University of Hawai'i Code of Student Conduct which defines expected conduct for students and specifies those acts subject to University sanctions. Students should familiarize themselves with the Code of Student Conduct since, upon enrollment at Windward Community College, the student has placed herself/himself under the policies and regulations of the University and its duly constituted bodies. The disciplinary authority is exercised through the Office of the Vice Chancellor for Student Affairs. Copies of the Student Conduct Code are available at the Office of the Vice Chancellor for Student Affairs or [online](#).

## Title IX - Sex Discrimination And Gender-Based Violence Resources

Windward Community College is committed to providing a learning, working, and living environment that promotes personal integrity, civility, and mutual respect and is free of all forms of sex discrimination and gender-based violence, including sexual assault, sexual harassment, gender-based harassment, domestic violence, dating violence, and stalking.

If you or someone you know is experiencing any of these, WCC has staff and resources to support and assist you. To report an incident of sex discrimination or gender-based violence, as well as receive information and support, please contact one of the following:

Leslie Cabingabang, UH System Confidential Advocate  
Phone/Text: (808) 348-0432 or (808) 341-4952  
Email: [advocate@hawaii.edu](mailto:advocate@hawaii.edu)  
Office: Hale Kāko'o 107 (Wednesdays)

Mykie E. Menor Ozoa-Aglugub, J.D., Title IX Coordinator  
Phone: (808) 235-7468  
Email: [mozoa@hawaii.edu](mailto:mozoa@hawaii.edu)  
Office: Hale Kāko'o 109

Desrae Kahale, Mental Health Counselor & Confidential Resource  
Phone: (808) 235-7393  
Email: [dkahale3@hawaii.edu](mailto:dkahale3@hawaii.edu)  
Office: Hale Kāko'o 101

Karen Cho, Deputy Title IX Coordinator  
Phone: (808) 235-7404  
Email: [kcho@hawaii.edu](mailto:kcho@hawaii.edu)  
Office: Hale 'Alaka'i 120

As a member of the University faculty, I am required to immediately report any incident of sex discrimination or gender-based violence to the campus Title IX Coordinator. Although the Title IX Coordinator and I cannot guarantee confidentiality, you will still have options about how your case will be handled. My goal is to make sure you are aware of the range of options available to you and have access to the resources and support you need.



For more information regarding sex discrimination and gender-based violence, the University's Title IX resources, and the University's Policy, Interim EP 1.204, go to [manoa.hawaii.edu/titleix/](https://manoa.hawaii.edu/titleix/)