



UNIVERSITY of HAWAII  
**WINDWARD COMMUNITY COLLEGE**

Ke Kulanui Kaiāulu o ke Ko'olau

## **Math 103 – College Algebra**

Mondays & Wednesdays 1:00 – 3:00pm at WCCC

Spring 2026

4 Credits | CRN 63302

### About Windward Community College

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#### **Mission Statement**

‘O keia ka wā kūpono e ho‘onui ai ka ‘ike me ka ho‘omaopopo i kō Hawai‘i mau ho‘oilina waiwai. Aia nō ho‘i ma ke Kulanui Kaiāulu o ke Ko‘olau nā papahana hou o nā ‘ike ‘ake akamai a me nā hana no‘eau. Me ke kuleana ko‘iko‘i e ho‘ohiki ke Kulanui e kāko‘o a e ho‘okumu i ala e hiki kē kōkua i ka ho‘onui ‘ike a nā kānaka maoli. Na mākou nō e ho‘olako, kāko‘o a paipai i nā Ko‘olau a kō O‘ahu a‘e me nā hana no‘eau ākea, ka ho‘ona‘auao ‘oihana a me ka ho‘onui ‘ike ma ke kaiāulu— hō‘a‘ano a e ho‘oulu i nā haumāna i ka po‘okela.

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.

#### **‘Āina**

Windward Community College is located in the ahupua‘a of Kāne‘ohe and He‘e‘ia in the moku of Ko‘olaupoko on the island of O‘ahu. Both ahupua‘a are directly connected to the mo‘o ‘ōlelo of Pāpa and Wākea, who are seen as the ancestors of the Hawaiian nation. The campus sits beneath the pu‘u of Keahiakahoe, which is also connected to many mo‘o ‘ōlelo of this ‘āina. Because wind names and rain names are associated with specific ‘āina, the rain name of Kāne‘ohe is known as the ‘Āpuakea and the rain name of He‘e‘ia is the Ulumano.

### Instructor Information

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Instructor: Jody-Lynn Storm

Office Phone: (808) 236-9277

Office: Hale Mana‘opono 105A, WinCC Campus

Email: [jstorm@hawaii.edu](mailto:jstorm@hawaii.edu)

#### **Participation Verification**

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). Effective Fall 2021, 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.

*To show participation in this course you need to attend at least one class by Wednesday, January 21.*

## Course Information

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### Catalog Description

Linear equations, inequalities, systems of equations, polynomials, functions, fractional expressions and equations, exponents, powers, roots, quadratic equations and functions; rational, exponential and logarithmic functions.

Prerequisites: "C" or better in MATH 25, 26, 29, 82 or equivalent

### Student Learning Outcomes

Students can expect to attain the following outcomes as a result of taking this course:

1. Graph or interpret algebraic relations that are relevant to the topics in this course.
2. Employ algebraic techniques to find the solutions to equations or inequalities, or systems of equations or inequalities appropriate to the level of this course.
3. Use algebraic techniques to analyze and solve applied problems.
4. Utilize precise mathematical language and symbols to effectively communicate mathematics in written and/or oral form.

### Foundations Quantitative (FQ) Reasoning Hallmarks

Math 103 also fulfills 4 credits of the General Education requirements (Foundations Quantitative) for both the AA degree at WCC and a Bachelor's degree at UH Manoa. Consequently, it meets the hallmarks of the quantitative reasoning requirement.

The course will:

1. Provide students with theoretical justifications for, and limitations of, mathematical or statistical methods, and the formulas, tools, or approaches used in the course.
2. Include application of abstract or theoretical ideas and information to the solution of practical quantitative reasoning problems arising in pure and applied research in specific disciplines, professional settings, and/or daily and civic life.
3. Provide opportunities for practice and feedback that are designed to help students evaluate and improve quantitative reasoning skills by including a course component at least once per week with a maximum 30:1 student-to-teaching ratio.
4. Be designed so that students will be able to
  - a. Identify and convert relevant quantitative information into various forms such as equations, graphs, diagrams, tables, and/or words;
  - b. Select appropriate techniques or formulas, and articulate and evaluate assumptions of the selected approaches;
  - c. Apply mathematical tools and perform calculations (including correct manipulation of formulas);

- d. Make judgments, create logical arguments, and/or draw appropriate conclusions based on the quantitative analysis of data, the assumptions made, the limitations of the analysis, and/or the reasonableness of results;
- e. Effectively communicate those results in a variety of formats

## Course Materials

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### Required

OpenStax Textbook (provided by WCC): *College Algebra, 2e*

## Assessments, Tasks and Grading

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- Grades will be updated after each quiz.
- Although there are no points for attendance, there are points for in-class activities.
- At the end of the semester there will be a class survey worth 5 points of extra credit.

### Grading Scale

Course Activity	Points
25 Class Activities @ 5 pts each	125
25 Homework Assignments @ 5 pts each)	125
4 Quizzes @ 25 points each	100
1 Final Exam @ 100 points	100
<b>Total</b>	<b>450</b>

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

<u>Letter Grade</u>	<u>Definition</u>
A	90%- 100% of the cumulative points possible
B	80%- 89% of the cumulative points possible
C	70%- 79% of the cumulative points possible
D	60%- 69% of the cumulative points possible
F	Less than 60% of the cumulative points possible
CR	70% or above of the cumulative points possible
NC	Less than 70% of the cumulative points possible
W	Official Withdrawal.

### Course Schedule

#### Important Dates

1/20/2026 – Last day to register & and drop with 100% refund of tuition.

2/4/2026 – Last day to withdraw without a “W” grade and to receive 50% refund of tuition

3/27/2026 – Last day to withdraw with a "W" grade or to choose CR/NC grade option.

MONDAY		WEDNESDAY	
Jan 12	Orientation 1.1 – Order of Operations	Jan 14	1.2 – Exponents; Scientific Notation
Jan 19	<b>No class - holiday</b>	Jan 21	1.3 – Radicals and Rational Exponents
Jan 26	1.4 – Polynomials	Jan 28	Finish remaining section Review & <b>Quiz 1</b>
Feb 2	1.5 - Factoring Polynomials	Feb 4	1.6 – Rational Expressions
Feb 9	2.1 – The Rectangular Coordinate Systems and Graphs	Feb 10	2.2 – Linear Equations in One Variable
Feb 16	<b>No class - holiday</b>	Feb 18	Finish remaining section Review & <b>Quiz 2</b>
Feb 23	2.3 – Models and Applications	Feb 25	2.4 – Complex Numbers (intro only) 2.5 – Quadratic Equations
Mar 2	2.6 – Other Types of Equations (radical & absolute value)	Mar 4	2.7 – Linear Inequalities and Absolute Value Inequalities
Mar 9	3.1 – Functions and Function Notation 3.2 – Domain and Range	Mar 11	Finish remaining section Review & <b>Quiz 3</b>
Mar 16	<b>No class – Spring Recess</b>	Mar 18	<b>No class – Spring Recess</b>
Mar 23	3.3 – Rates of Change and Behavior of Graphs	Mar 25	3.4 – Composition of Functions
Mar 30	4.1 – Linear Functions 4.2 – Modeling with Linear Functions	Apr 1	5.1 – Quadratic Functions 5.4 – Dividing Polynomials
Apr 6	5.6 – Rational Functions	Apr 8	Finish remaining section Review & <b>Quiz 4</b>
Apr 13	5.8 – Modeling Using Variation	Apr 15	6.2 – Graphs of Exponential Functions 6.4 – Graphs of Logarithmic Functions
Apr 20	6.5 – Logarithmic Properties	Apr 22	6.6 – Exponential and Logarithmic Equations
Apr 27	7.1 – Systems of Linear Equations: Two Variables	Apr 29	Finish remaining section Review & <b>Quiz 5</b>
May 4	7.3 – Systems of Nonlinear Equations and Inequalities: Two Variables	May 6	Finish remaining section <b>Final Exam Review</b>
May 11	<b>Final Exam</b>	May 13	<b>Review grades</b>

## Academic Integrity

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You are welcome to work with others on homework, and class activities but the write up should be your own. You may not work with others on quizzes and exams. In this class, students who commit academic dishonesty or cheating will have the following consequence:

- Receive a zero grade for the assignment.
- All cases of academic dishonesty are referred to the Vice Chancellor for Student Affairs.

## College Policies & Support Services

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**Please contact a member of the Puuhonua team for support services at your facility**

### **Mitchell Wong**

Incarcerated Student Facilitator  
mkhrwong@hawaii.edu  
808-462-4725  
Hale Alaka'i 106

### **Tishalynn (Haunani) Reed**

Puuhonua Coordinator/Counselor for Incarcerated Students  
tpelekai@hawaii.edu  
808-462-4724  
Hale Kako'o 133

### **Disabilities Accommodations Statement**

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.

### **Financial Aid**

If you are receiving financial aid and are contemplating not completing the course 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) BEFORE you withdraw to discuss the impact this decision may have on your financial aid eligibility.

### **LGBTQ+**

The University of Hawai'i system and Windward Community College are committed to building an inclusive community that supports and advocates for all students, staff, and faculty. We welcome all members of our campus community to our campuses: transgender, māhū, and people of all gender identities. All members of our campus community deserve a work and educational environment free from harassment or bullying based on their sexual orientation,

gender identity, or expression. For more information, see the University of Hawai'i Commission on LGBTQ+ Equality. Windward Community College Commissioner: Scott Sutherland, [scottjks@hawaii.edu](mailto:scottjks@hawaii.edu)

### **Mental Health Counseling**

Mental Health and Wellness at Windward Community College provides counseling services and activities on campus to support students' life goals as well as their academic goals. Information about services can be found at WCC Mental Health & Wellness.

### **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, they have placed themselves 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.

### **TRiO Program**

The Federal TRiO Programs are educational opportunity outreach programs designed to motivate and support students from disadvantaged backgrounds. TRiO includes six outreach and support programs targeted to serve and assist low-income, first-generation college students and students with disabilities in progressing through the academic pipeline from middle school to post-baccalaureate programs. Information about services can be found at Windward CC TRiO.

### **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:

Desrae Kahale, UH System Confidential Advocate  
Phone: (808) 235-7393  
Email: [advocate@hawaii.edu](mailto:advocate@hawaii.edu)  
Office: Hale Kāko'o 101

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

Mykie E. Menor Ozoa-Aglugub, J.D., Title IX Coordinator

Phone: (808) 235-7468  
Email: mozoa@hawaii.edu  
Office: Hale Kākoʻo 109

Karen Cho, Deputy Title IX Coordinator  
Phone: (808) 235-7404  
Email: kcho@hawaii.edu  
Office: Hale ʻAlakaʻi 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, refer to the University's Title IX resources, and the University's Policy, EP 1.204.