MATH 104: Beginning Algebra

Location:	Evening
Address:	1001 Rogers Street Columbia, MO 65216
Section:	19FALL1/MATH/104/EVA
Semester Credit Hours:	3
Class Day(s) and Time(s):	Monday 5:30 PM - 9:30 PM from August 26, 2019 to October 19, 2019

☰ Syllabus Contents

❶ Course Information

Catalog Description

Introduction to the fundamental concepts of algebra. Review of fractions, decimals, and signed numbers. Methods for solving linear equations, linear inequalities, and systems of linear equations. Thorough treatment of graphing lines and linear equalities in the plane. Introduction to rules of exponents. Real-world applications are integrated throughout the course. Students must repeat the course if a grade of U, F, or D grade is awarded.

Additional Notes

Classes will not be in session Monday September 2 due to Labor Day. The mandatory make up session for that week will be rescheduled for Friday September 6th.

Attendance is very crucial for doing well in this course, so please be in attendance each and every week. Students not in attendance will be responsible for learning the material on their own and will still have to take all quizzes and tests with no extension on time or date.

This syllabus is intended as a general guideline for the class. The instructor reserves the right to amend its contents as needed.

📖 Textbooks

As part of Truition^{SM}, students will receive their course materials automatically as described below.

☁ Lehmann. (2019). *Elementary Algebra with access to MyLab Math* (3rd). Pearson. *eText*

Students must have access to a TI-83 or TI-84 graphing calculator for this course..

Bookstore Information

Visit https://www.ccis.edu/bookstore.aspx for details.

eText Information

If a course uses an eText, (see textbook information above) the book will be available directly in Desire2Learn (D2L) seven days before the session begins, if registered for courses prior to that date. Upon first login to VitalSource, students should use their CougarMail email address; alternate email addresses cannot be used. More information about how to use the VitalSource platform, including offline access to eTexts, can be found in D2L.

Physical Course Materials Information

Students enrolled in courses that require physical materials will receive these materials automatically at the shipping address on file with Columbia College. Delivery date of physical materials is dependent on registration date and shipping location. Please refer to confirmation emails sent from Columbia College for more details on shipping status.

Returns: Students who drop a class are responsible for returning any physical course materials that were shipped. To initiate a return, visit Ingram Returns to generate a pre-paid return label. Materials from dropped courses must be returned within 30-days of receipt. **Failure to return physical items from a dropped course will result in a charge to the student account for all unreturned items.**

Note: Students who opt-out of having their books provided as part of Truition^{SM} are responsible for purchasing their own course materials.

⬇ Technology Requirements

THIS IS A TECHNOLOGY-ENRICHED COURSE WHICH COMBINES IN-SEAT INSTRUCTION WITH ONLINE LEARNING.

Participation in this course will require the basic technology for all classes at Columbia College:

- A computer with reliable internet access
- A web browser
- Acrobat Reader
- Microsoft Office or another word processor such as Open Office

For more information, see technical requirements.

👍 Course Learning Outcomes

1. Simplify algebraic and numerical expressions including fractions, decimals, signed numbers, and exponents using the correct order of operations.
2. Create and use linear models, when determined appropriate, to answer questions, make predictions, and make estimations in authentic situations.
3. Solve linear equations and linear inequalities using analytic methods.
4. Solve linear equations and systems of linear equations using tables or graphs.
5. Find equations of lines, including lines of best fit, given data or verbal descriptions and interpret their slopes and intercepts in context.

🎓 Grading

Grading Scale

Grade	Points	Percent
A	900 - 1000	90-100%
B	800 - 899	80-89%
C	700 - 799	70-79%
D	600 - 699	60-69%
F	0 - 599	0-59%

Grade Weights

Assignment Category	Points	Percent

Online Learning Activity	150	15%
Exam 1	200	20%
Exam 2	200	20%
Homework Assignments	300	30%
Weekly Quizzes	150	15%
Total	**1000**	**100%**

📅 Schedule of Due Dates

Week 1

Assignment	Points	Due
Quiz 1	25	Week 1
Homework 1	50	Week 2

Week 2

Assignment	Points	Due
MyLabsPlus Quiz 1	25	Due Sunday of Week 2 by 11:59 pm
Quiz 2	25	Week 2
Homework 2	50	Week 3

Week 3

Assignment	Points	Due
MyLabsPlus Quiz 2	25	Due Sunday of Week 3 by 11:59 pm
Quiz 3	25	Week 3
Homework 3	50	Week 4

Week 4

Assignment	Points	Due
MyLabsPlus Quiz 3	25	Due Sunday of Week 4 by 11:59 pm
Exam 1	200	Week 4

Week 5

Assignment	Points	Due
MyLabsPlus Quiz 4	25	Due Sunday of Week 5 by 11:59 pm
Quiz 4	25	Week 5
Homework 4	50	Week 6

Week 6

Assignment	Points	Due
MyLabsPlus Quiz 5	25	Due Sunday of Week 6 by 11:59 pm
Quiz 5	25	Week 6
Homework 5	50	Week 7

Week 7

Assignment	Points	Due
MyLabsPlus Quiz 6	25	Due Sunday of Week 7 by 11:59 pm
Quiz 6	25	Week 7
Homework 6	50	Week 8

Week 8

Assignment	Points	Due
Exam 2	200	Week 8

Total Points: 1000

✒ Assignment Overview

Online Component Expectations

This course uses an online learning application called MyLabsPlus, which is designed to accompany your textbook. You must have access to MyLabsPlus in order to complete the online graded quizzes for this course. There are 6 MyLabsPlus quizzes worth 25 points each. Each quiz includes 20 - 38 items. There is a 1 hour time limit, and problems for each week may be accessed multiple times before the deadline for each module. You will be allowed two attempts for every quiz. They are assigned during Weeks 2 – 7 and will cover content from Chapters 1 – 6 of the textbook.

Assignments

Homework Assignments

There will be a homework assignment given each week over the material covered in class. These will consist of problems from the etext and additional problems created by the instructor. These are due the following class period. These assignments are graded for accuracy, and all work must be shown. It is highly recommended you begin these assignments as soon as possible after receiving them.

Weekly Quizzes

Each week at the end of class there will be a quiz over the sections covered during that class period. These quizzes will be open note and are designed to assess your ability to use your newly acquired knowledge. There are 6 quizzes total in the class session, as you do not have a quiz on Exam weeks.

Examinations

There are two major exams in this course. They are both worth 200 points and will take place in Weeks 4 and 8 of the session. Calculators will be permitted, but the use of notes will not be. The first exam will cover material up to that point, and the second exam will cover all material since the first exam. Both exams are designed to take a maximum of 2 hours.

☰ Course Outline

Click on each week to view details about the activities scheduled for that week.

Week 1: Introduction to Modeling

Quiz 1
The first week of class will cover Chapter 1 from the etext. Topics include an introduction to variables, and also exploring linear relationships through scatterplots and other means.

Homework 1

Week 2: Operations and Expressions

MyLabsPlus Quiz 1
MyLabsPlus Quiz 1 (Covers Chapter 1)

Quiz 2
Week 2 will cover Chapter 2 in the course etext. Topics include operations with expressions, fractions, absolute value, and order of operations.

Homework 2

Week 3: Using Slope to Graph Linear Equations

MyLabsPlus Quiz 2

MyLabsPlus Quiz 2 (Covers Chapter 2)

Quiz 3

Week 3 will cover Chapter 3 from the course etext. Topics include graphing linear equations and slope.

Homework 3

Week 4:

MyLabsPlus Quiz 3

MyLabsPlus Quiz 3 (Covers Chapter 3)

Exam 1

Exam 1 covers Chapters 1-3.

Week 5: Simplifying Expressions and Solving Equations

MyLabsPlus Quiz 4

MyLabsPlus Quiz 4 (Covers Chapter 4.1-4.4)

Quiz 4

Week 5 covers Chapter 4 of the course etext. Topics include Simplifying algebraic expressions and solving linear equations.

Homework 4

Week 6: Linear Equations in Two Variables; Linear Inequalities in One Variable

MyLabsPlus Quiz 5

MyLabsPlus Quiz 5 (Covers Chapters 4.5-4.6, 5.1-5.2)

Quiz 5

Week 6 covers Chapter 5 of the course etext. Topics include linear equations in two variables and linear inequalities.

Homework 5

Week 7: Systems of Linear Equations and Inequalities

MyLabsPlus Quiz 6

MyLabsPlus Quiz 6 (Covers 5.3-5.5, 6.1)

Quiz 6

Week 7 covers Chapter 6 of the course etext. Topics include solving systems of equations by means of graphing, substitution, and elimination, as well as solving linear inequalities.

Homework 6

Week 8:

Exam 2

⊕ Additional Resources

Online databases are available at library.ccis.edu. You may access them using your CougarTrack login and password when prompted.

Technical Support

If you have problems accessing the course or posting your assignments, contact your instructor, the Columbia College Technology Solutions Center, or the D2L Helpdesk for assistance. If you have technical problems with the VitalSource eText reader, please contact VitalSource. Contact information is also available within the online course environment.

- Columbia College Technology Solutions Center: CCHelpDesk@ccis.edu, 800-231-2391 ex. 4357
- D2L Helpdesk: helpdesk@d2l.com, 877-325-7778
- VitalSource: support@vitalsource.com, 1-855-200-4146

Online Tutoring

Smarthinking is a free online tutoring service available to all Columbia College students. Smarthinking provides real-time online tutoring and homework help for Math, English, and Writing. Smarthinking also provides access to live tutorials in writing and math, as well as a full range of study resources, including writing manuals, sample problems, and study skills manuals. You can access the service from wherever you have a connection to the Internet. I encourage you to take advantage of this free service provided by the college.

Access Smarthinking through CougarTrack at Students -> Academics -> Resources.

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❶ Columbia College Policies and Procedures

The policies set forth in the **Policy Library** are the current official versions of College policies and supersede and replace any other existing or conflicting policies covering the same subject matter. For more information on policies applicable to students, see **Student Policies**. For more information on policies applicable to the entire Columbia College community, see **College-Wide Policies**.

Students are expected to read and abide by the College policies. Policies of particular interest to students include, but not limited to the following:

- Graduate Grading Policy
- Undergraduate Grading Policy
- Registration Policy and Procedures
- Withdrawal Policy
- Alcohol and Other Drugs Policy
- Family Educational Rights and Privacy Act (FERPA)

Additional Policies:

Academic Integrity and Plagiarism

Academic integrity is a cumulative process that begins with the first college learning opportunity. Students are responsible for knowing and abiding by the **Academic Integrity Policy and Procedures** and may not use ignorance of either as an excuse for academic misconduct. Additionally, all required papers may be submitted for textual similarity review to Turnitin.com for the detection of plagiarism. All submitted papers may be included in the Turnitin.com reference database for the purpose of detecting plagiarism. This service is subject to the Terms and Conditions of Use posted on the Turnitin.com site.

Disability Resources

If you have a disability that requires an accommodation, please speak with the instructor and consult the **Student Accessibility Resources** office. Student Accessibility Resources staff will determine appropriate accommodations and will work with your instructor to make sure these are available to you. To find additional information, see our **ADA and Section 504 Policy for Students**.

Notice of Non-Discrimination and Equal Opportunity:

The College has a process through which students, faculty, staff and community members who have experienced or witnessed incidents of discrimination, harassment, or retaliation on the basis of protected status, can report their experiences to a College official. For more information, see our **Non-Discrimination and Equal Opportunity Policy and Complaint Resolution Procedure**.

Title IX and Sexual Misconduct

The College is committed to addressing the issues of discrimination, harassment and sexual misconduct in the educational and workplace landscape and will continue to modify policies, procedures and prevention efforts as needed. For more information, see the College's **Title IX and Sexual Misconduct Policy**.

Course Policies and Procedures:

Attendance Policy

Columbia College students are expected to attend all classes and laboratory periods for which they are enrolled.

For classes with an online component, attendance for a week includes submitting any assigned online activity. Assigned activities are scheduled prior to the course commencing. Assigned activity due dates are subject to change based on actual course progression and will be adjusted as necessary. Attendance for the week is based upon the date work is submitted. A class week is defined as the period of time between Monday and Sunday (except for week 8, when the work and the course will end at 11:59 PM Central Time on Saturday.) The course and system deadlines are based on the Central Time Zone.

Students are directly responsible to instructors for class attendance and work missed during an absence for any cause. If absences jeopardize progress in a course, the College reserves the right to drop or withdraw students from classes. For additional information, see the Administrative Withdrawal for Non-Attendance heading in the **Withdrawal Policy**.

CougarMail

All students are provided a CougarMail account when they enroll in classes at Columbia College. You are responsible for monitoring email from that account for important messages from the College and from your instructor.

Students should use email for private messages to the instructor and other students. The class discussions are for public messages so the class members can each see what others have to say about any given topic and respond.

Late Assignment Policy

All classes rely on participation and a commitment to your instructor and your classmates to regularly engage in the reading, discussion and writing assignments. You must keep up with the schedule of reading and writing to successfully complete the class.

No late assignments will be accepted without the prior approval of the instructor.

Acceptance of a late assignment is at the discretion of the instructor.

Make-up examinations may be authorized for students who miss regularly-scheduled examinations due to circumstances beyond their control. Make-up examinations must be administered as soon as possible after the regularly scheduled examination period and must be administered in a controlled environment.

Student Conduct

All Columbia College students, whether enrolled in a land-based or online course, are responsible for behaving in a manner consistent with Columbia College's **Student Conduct Code** and **Acceptable Computing Use Policy**. Students violating these policies or any other College policy will be referred to the office of Student Affairs and/or the office of Academic Affairs for possible disciplinary action. The Student Code of Conduct, the **Student Behavioral Misconduct Policy and Procedures**, and the Acceptable Computing Use Policy can be found in the Policy Library at **ccis.edu/policies**. The adjunct faculty member maintains the right to manage a positive learning environment all students must adhere to the conventions of online etiquette when enrolled in a course with an online component.