



On-Campus Course Syllabus

MTH 101

College Algebra

Fall 2020

Class Information

Day and Time: Tuesday, 4:45 pm - 7:15 pm, and online on Canvas

Room Number: E205

Hybrid Courses: Hybrid courses aim to take the best aspects of online learning and traditional classes for an all-inclusive learning experience. This course will meet face-to-face eight times throughout the semester and utilize our Canvas online learning system for the remainder of the learning.

Contact Information

Instructor Name: Traci Ziebarth

Instructor Email: tziebarth@criswell.edu

Instructor Phone: 817-881-6186

Instructor Office Hours: by appointment only

Course Description and Prerequisites

Topics chosen from such areas as equations and inequalities; polynomial, rational, radical, exponential, and logarithmic functions. (This course satisfies for a Math/Natural Science course.)

Course Objectives

Equations and Functions: apply general graphing and algebraic techniques for solving equations and inequalities; define, graph, and recognize various types of functions.

Linear and Quadratic Functions: solve linear and quadratic equations; solve application problems involving linear and quadratic equations

Polynomial and Rational Functions: recognize, graph, and analyze polynomial and rational functions; factor polynomials into linear factors

Exponential and Logarithmic Functions: solve and graph exponential and logarithmic equations; solve application problems involving exponential and logarithmic functions

Systems of Equations: solve systems of equations and related application problems

Sequences and Series: Recognize and apply the properties of sequences and series to solve application problems

Required Textbooks and Resources

College Algebra- Enhanced with Graphing Utilities, Sullivan and Sullivan, Seventh Edition; Pearson Education, Inc., Upper Saddle River, New Jersey, 2017. ISBN 978-0-13-411131-5

Students will also be using desmos.com as an online graphing calculator. If a student wants to use a graphing calculator, they are permitted to do so.

ADDENDUM FOR FA-20

In the event that Criswell College has to close the campus to on-campus classes in during the FA-20 semester, this addendum specifies how your instructor intends to adjust the course in order to allow students to meet the course objectives.

-Nothing will change in our Course Requirements and Assignments except all assignments and assessments will be online in our Canvas course.

Course Requirements and Assignments

Assignment	Weight/Points	Method	Details
Get to Know You and participation throughout	50 points	FlipGrid and classroom discussions	Make a "Get to Know You" video on FlipGrid and participate in classroom discussions
Exams	600 points	Online and Paper	There will be 4 exams. 4 X 150 points per exam = 600 points
Quizzes	150 points	Online and Paper	There will be 6 quizzes throughout the semester for 25 points each = 150 points
Devotions	100 points	Discussion Board	10 devotional reflections will be expected for 10 points each = 100 points
Random Homework Checks	100 points	Hard copies	I will randomly ask for homework to be submitted 5 times for 20 points each. 5 HW submissions X 20 = 100 points
Total	1000 points		Your total points will be divided by 10 to derive your percentage for the course.

Class Attendance

Students are responsible for enrolling in courses for which they anticipate being able to attend every class session on the day and time appearing on course schedules, and then making every effort to do so. When unavoidable situations result in absence or tardiness, students are responsible for acquiring any information missed. Instructors are not obliged to allow students to make up missed work. Per their independent discretion,

individual instructors may determine how attendance affects students' ability to meet course learning objectives and whether attendance affects course grades.

Grading Scale

A	93-100	4.0 grade points per semester hour
A-	90-92	3.7 grade points per semester hour
B+	87-89	3.3 grade points per semester hour
B	83-86	3.0 grade points per semester hour
B-	80-82	2.7 grade points per semester hour
C+	77-79	2.3 grade points per semester hour
C	73-76	2.0 grade points per semester hour
C-	70-72	1.7 grade points per semester hour
D+	67-69	1.3 grade points per semester hour
D	63-66	1.0 grade point per semester hour
D-	60-62	0.7 grade points per semester hour
F	0-59	0.0 grade points per semester hour

Incomplete Grades

Students requesting a grade of Incomplete (I) must understand that incomplete grades may be given only upon approval of the faculty member involved. An "I" may be assigned only when a student is currently passing a course and in situations involving extended illness, serious injury, death in the family, or employment or government reassignment, not student neglect.

Students are responsible for contacting their instructors prior to the end of the semester, plus filing the appropriate completed and approved academic request form with the Registrar's Office. The "I" must be removed (by completing the remaining course requirements) no later than 60 calendar days after the close of the term or semester in which the grade was awarded, or the "I" will become an "F."

Academic Honesty

Absolute truth is an essential belief and basis of behavior for those who believe in a God who cannot lie and forbids falsehood. Academic honesty is the application of the principle of truth in the classroom setting. Academic honesty includes the basic premise that all work submitted by students must be their own and any ideas derived or copied from elsewhere must be carefully documented.

Academic dishonesty includes, but is not limited to:

- cheating of any kind,
- submitting, without proper approval, work originally prepared by the student for another course,
- plagiarism, which is the submitting of work prepared by someone else as if it were his own, and
- failing to credit sources properly in written work.

Institutional Assessment

Material submitted by students in this course may be used for assessment of the college's academic programs. Since programmatic and institutional assessment is done without reference to specific students, the results of

these assessments have no effect on a student's course grade or academic standing at the college. Before submitting a student's work for this type of assessment, the course instructor redacts the work to remove anything that identifies the student.

Institutional Email Policy

All official college email communications to students enrolled in this course will be sent exclusively to students' institutional email accounts. Students are expected to check their student email accounts regularly and to respond in an appropriate and timely manner to all communications from faculty and administrative departments.

Students are permitted to setup automatic forwarding of emails from their student email accounts to one or more personal email accounts. The student is responsible to setup and maintain email forwarding without assistance from college staff. If a student chooses to use this forwarding option, he/she will continue to be responsible for responding appropriately to all communications from faculty and administrative departments of the college. Criswell College bears no responsibility for the use of emails that have been forwarded from student email accounts to other email accounts.

Disabilities

Criswell College recognizes and supports the standards set forth in Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act (ADA) of 1990, and similar state laws, which are designed to eliminate discrimination against qualified individuals with disabilities. Criswell College is committed to making reasonable accommodations for qualifying students, faculty, and employees with disabilities as required by applicable laws. For more information, please contact the Student Services Office.

Intellectual Property Rights

Unless otherwise specifically instructed in writing by the instructor, students must neither materially nor digitally reproduce materials from any course offered by Criswell College for or with the significant possibility of distribution.

Resources and Supports

Canvas and SONIS: Criswell College uses Canvas as its web-based learning tool and SONIS for student data. Students needing assistance with Canvas should contact the Canvas Help Support line at (844) 358-6140. Tech support is available at this number, twenty-four hours a day. Students needing help with SONIS should contact the Campus Software Manager at studenttechsupport@criswell.edu.

Student Services: The Student Services Office exists to foster and encourage success in all areas of life—physical, intellectual, spiritual, social, and emotional. Students are encouraged to reach out for assistance by contacting the office at 214.818.1332 or studentservices@criswell.edu. Pastoral and certified counseling services are also available to Criswell students. Appointments are scheduled through the Dean of Students, at deanofstudents@criswell.edu.

Wallace Library: Students can access academic resources and obtain research assistance by contacting or visiting the Wallace Library, which is located on campus. For more information, email the Wallace Library at

library@criswell.edu. Offsite login information is available in Canvas in the “Criswell Student Training Course” under “Library Information.”

Tutoring Center: Students are encouraged to consult with tutors to improve and enhance their skills and confidence in any subject matter taught at the college. Tutors have been recommended by the faculty to ensure that the tutor(s) are qualified to serve the student body. Every tutor brings experience and expertise in an effort to provide the proper resources for the subject matter at hand. To consult with a tutor, students can visit the Tutoring Center located on the second floor in room E203, or schedule an appointment by emailing tutoringcenter@criswell.edu or by calling 214.818.1373.

Course Outline/Calendar

When	Topic	Notes	**Schedule subject to change**
Session 1 Tues 8/18 CLASSROOM	Sections 1.1, 1.2	Getting to Know You (Flipgrid Video due by 9/1) Reflections on Devotion (Discussion Board) Homework (See Homework Assignment List)	
Session 2 Tues 8/25 ONLINE	Sections 1.3, 1.5	HW DUE- Teacher Specifies which problems (See Homework Assignment List)	
Session 3 Tues 9/1 CLASSROOM	Sections 1.6, 1.7	Reflections on Devotion (Discussion Board) Quiz 1 (1.1 - 1.3)	
Session 4 Tues 9/8 ONLINE	Sections 2.1, 2.2	Homework (See Homework Assignment List) Quiz 2 Online (2.1 – 2.2)	
Session 5 Tues 9/15 CLASSROOM		Reflections on Devotion (Discussion Board) Homework (See Homework Assignment List) Exam 1 (Chapters 1 and 2)	
Session 6 Tues 9/22 ONLINE	Sections 3.1, 3.2	Reflections on Devotion (Discussion Board) Homework (See Homework Assignment List) Quiz 3 Online (3.1 - 3.2)	
Session 7 Tues 9/29 CLASSROOM	Sections 3.3, 3.4	HW DUE- Teacher Specifies which problems (See Homework Assignment List)	
Session 8 Tues 10/6 ONLINE	Sections 3.5	Reflections on Devotion (Discussion Board) Exam 2 (Chapter 3) Take Home due 10/13	
Session 9 Tues 10/13 CLASSROOM	Sections 4.1, 8.1	Reflections on Devotion (Discussion Board) HW DUE- Teacher Specifies which problems (See Homework Assignment List)	

When	Topic	Notes	**Schedule subject to change**
Session 10 Tues 10/20 ONLINE	Sections 4.3, 4.5	Homework (See Homework Assignment List) Quiz 4 Online (4.1, 8.1)	
Session 11 Tues 10/27 CLASSROOM	Sections 5.1, 5.2	Reflections on Devotion (Discussion Board) HW DUE- Teacher Specifies which problems (See Homework Assignment List)	
Session 12 Tues 11/3 ONLINE	Sections 5.4, 5.5	Homework (See Homework Assignment List) Exam 3 Online (4.1, 4.3, 4.5, 5.1 - 5.2, 5.4 - 5.5, 8.1) DUE 11/6	
Session 13 Tues 11/10 CLASSROOM	Sections 6.3, 6.4	Reflections on Devotion (Discussion Board) Homework (See Homework Assignment List) Quiz 5 (6.3 - 6.4)	
Session 14 Tues 11/17 ONLINE	Sections 6.5, 6.6	Reflections on Devotion (Discussion Board) HW DUE- Teacher Specifies which problems (See Homework Assignment List)	
Thanksgiving Break			
Session 15 Tues 12/1 ONLINE	9.1, 9.2, 9.3	Reflections on Devotion (Discussion Board) HW DUE - EMAIL TO PROFESSOR BY TUESDAY 12/4 Quiz 6 Online (9.1 – 9.3)	
Session 16 Tues 12/8 CLASSROOM	FINAL EXAM	Final Exam (6.3 - 6.6 and 9.1 - 9.3)	

MTH 101 HW Assignment List

R.2

#15, 17, 41, 43

Section 1.1

#15, 19, 41, 43, 57, 59, 65, 71, 77

Section 1.2

#31, 37, 53, 67, 97, 101

Section 1.3

#13, 31, 47, 53, 91, 97

Section 1.5

#13, 45, 53, 69, 71, 89

Section 1.6

#33, 37, 39

Section 1.7

#51, 65, 75, 113

Section 2.1

#13, 35, 49, 53, 57

Section 2.2

#17, 39, 79, 103, 105

Section 3.1

#31, 43, 53, 91, 93

Section 3.2

#19, 21, 23, 25

Section 3.3

#25, 33, 39, 75

Section 3.4

#11, 19, 21, 23

Section 3.5

#15, 19, 47, 51

Section 4.1

#15, 23, 27, 29

Section 8.1

#19, 23, 31, 47

Section 4.3

#23, 37, 51, 57

Section 4.5

#19, 35

Section 5.1

#43, 57, 69, 73, 109

Section 5.2

#69, 75, 81

Section 5.4

#15, 27, 49, 51

Section 5.5

#19, 35, 37

Section 6.3

#27, 43, 73, 89

Section 6.4

#17, 19, 21, 89

Section 6.5

#13, 17, 57, 59

Section 6.6

#11, 13, 25, 41

Section 9.1

#23, 29, 43, 51, 55

Section 9.2

#7, 9, 17, 25

Section 9.3

#9, 11, 19, 23