



MAC1105 College Algebra 3 Hours (Choose a semester) (Choose a year)

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Course Description

Function-based college algebra course which will include the following topics: functions and functional notation; domains and ranges of functions; graphs of functions and relations; operations on functions; inverse functions; linear, quadratic, and rational functions; absolute value and radical functions; exponential and logarithmic properties, functions, and equations; systems of equations and inequalities; and application of functions (curve fitting, modeling, optimization, exponential/logarithmic growth and decay).

Course Prerequisite

MAT 1033A Intermediate Algebra or equivalent with a "C" or better or suitable placement score.

Course Materials

Calculator: You will need to obtain a graphing calculator. You are encouraged to use either the TI-83 Plus or TI-84 Plus. You will be required to use your graphing calculator on the exams. You will *not* be permitted to share a calculator during the exams. On the exams, you will *not* be permitted to use a TI-89 or TI-92 or any other calculator with CAS technology. You will *not* be permitted to use a laptop computer, telephone, tablet or other communication device on the exams. If your calculator is an HP, Sharp, Casio, or any other variety different from those mentioned, you will be required to inform me of your intention to use it on the exams before the first exam so that I will have adequate time to determine whether or not it is acceptable.

Textbook: *College Algebra*, Miller, McGraw-Hill, 2014. If you purchase the textbook new from the bookstore, it will include the ALEKS (online homework) access that you need. If instead you purchase ALEKS access online at aleks.com, you have the option of obtaining access to the eBook along with that purchase. When comparing pricing, keep in mind that the ALEKS access that comes with the new textbook purchased from our bookstore is good for 52 weeks.

Grading Procedures

ALEKS Homework	15%
Semester Exams	60%
Final Exam	25%

A 90 - 100%, B 80 - 89%, C 70 - 79%, D 60 - 69%, F Less than 60%

ALEKS

The ALEKS homework will each count as 15% of your overall grade for the class. You have an unlimited number of attempts for each homework assignment, and only the problems not yet answered correctly must be worked on each subsequent attempt. The Class Code for ALEKS is found in a news post in D2L. You may take advantage of the Financial Aid Code which grants free access for the first two weeks if you like. The Financial Aid Code is found in a content module in D2L.

Make-up Work

Four semester exams will be given, each covering approximately one-fourth of the material for the course. They will consist of problems which will resemble problems done previously in class and/or problems that have appeared in the online homework. If you miss an exam without providing sufficient notice, even due to circumstances beyond your control, it will be temporarily recorded as a zero, and it will eventually be replaced with your final exam grade. If you miss a second exam without giving prior notice, you will need to have a conference with the instructor to determine if there is a good reason why you should not receive a zero for the second exam.

Incomplete Grades

At the discretion of the instructor, an incomplete grade ("I") may be awarded when the student is unable to finish the required work because of unforeseen extenuating circumstances such as illness or TDY assignment. To receive an "I" grade, the student must have successfully completed a significant portion of the required coursework and be able to finish the remaining work without attending class. An "I" grade will automatically convert to a grade of "F" if the student does not complete the remainder of the coursework by the established deadline.

Cell Phone/Electronic Devices

Use of electronic communication devices during examinations may constitute grounds for disciplinary action ranging from a warning to a zero for the exam; such devices must be completely out of sight during exams. And not just out of my sight but out of your sight as well. For example, during an exam if your hands are in your lap or your eyes are in your lap so as to arouse suspicion of cheating, I will warn the entire class once. If I see it again after the warning, it will result in a zero for the offending student(s).

Where emergency or employment situations *require* access to electronic communication services, arrangements may be made *in advance* with the instructor.

Emergency College Closure

In the event of unusual or extraordinary circumstances, the schedule, requirements, and procedures in this course are subject to change. If the college closes for inclement weather or other emergency, any exams, presentations, or assignments previously scheduled during the closure period will automatically be rescheduled for the first regular class meeting held once the college re-opens. If changes to graded activities are required, students will not be penalized as a result of the adjustments, but will be responsible for meeting revised deadlines and course requirements.

Children in the Classroom

As a courtesy to other students and the learning process, students may not bring children with them to class sessions. Health and safety concerns prohibit children from accompanying adult students in any lab, shop, office, or classroom or other college facility where potential hazards exist. If a child-related emergency means you must miss class, contact the instructor as soon as possible to determine your options. (The full "Children on Campus" policy statement appears in the College Catalog.)

Student Rights, Responsibilities, and Academic Integrity

Students are responsible for adherence to all college policies and procedures, including those related to academic freedom, cheating, classroom conduct, computer/network/e-mail use and other items included in the *Northwest Florida State College Catalog and Student Handbook*. Students should be familiar with the rights and responsibilities detailed in the current *Northwest Florida State College Catalog and Student Handbook*. Plagiarism, cheating, or any other form of academic dishonesty is a serious breach of student responsibilities and may trigger consequences which range from a failing grade to formal disciplinary action.

RESOURCES

The Academic Success Center (ASC) is located in the Activities Center (Building 410) on the Niceville Campus. The ASC provides free learning support services such as tutoring, ESOL, and writing assistance for all NWFSC students. Individual and group tutoring is available in a wide range of subjects on a walk-in-basis and by appointment. For more information, call the Academic Success Center at (850) 729-5389 or visit our website at [Free Tutoring](#).

Reading to Learn (R2L) is a project of Northwest Florida State College designed to support students' learning through direct instruction of reading strategies. Students may access R2L at our website: [Reading to Learn](#).

Math Labs are located in the Math Building L, Room L-131, on the Niceville Campus and in Building 7, Room 702 on the Fort Walton Beach Campus and Room 131 at the Crestview Center. The math labs are open to all students and provide free walk-in tutoring for all mathematics courses. For lab hours, students may call the Math Department at (850) 729-5377 or visit our website at [Math Lab](#).

Smarthinking is an online, real-time tutoring offered free to students, who may access this service via RaiderNet.

Open Computer Labs

There are numerous open computer labs throughout the Northwest Florida State College campuses. Students may access our website for lab locations and hours: [Computer lab location and hours](#)

Testing Center

Testing Centers administer college admissions tests, placement tests, proctored exams, ACT/SAT, GED, CLEP, and DSST (formerly known as DANTES). General information concerning tests, hours

Testing Center hours may be accessed on the Testing Center website at [Testing Center](#). Makeup exams may be taken in the Testing Center, depending upon instructor policies on late work.

Library, Online Reference Materials, and Resources

The library is a comprehensive, learning resource center providing information in print, digital, and multimedia formats to support the educational objectives of the College. In addition to in-house materials, online services and resources can be accessed through the LRC website. Library hours are posted each semester at the building entrance and on the LRC website at [Learning Resource Center](#)

Assistance for Military and Veterans

Northwest Florida State College supports our military and veterans students. You may contact NWFSC Eglin AFB Education Services Building at 850-200-4180 or NWFSC Hurlburt Center Educational Services Building at 850-200-4190 or visit our website: [Support Our Military](#)

Students with Disabilities

Northwest Florida State College supports an inclusive learning environment for all students. If you have disabilities for which accommodations may be appropriate to assist you in this class, please contact the Office of Disability Support Services, located in the Activities Center (Building 410) on the Niceville Campus, or call 850-729-6079 (TDD 1-800-955-8771 or Voice 1-800-955-8770). You may also visit our website: [Disability Support Services](#).