

Math 231 Instructor: Lenore Desilets

Requirement: Concurrent enrollment in Math 31

Email (PREFERRED over phone msg.) desiletslenore@fhda.edu

My Zoom Office Hours

- Tu, Th. 11:00-12 Noon
- Wed., Sun 8-9pm .

Class at a Glance

Your grade depends on

- **Online Homework**
- **4 Exams**
- **Final**

Purpose/Course Description

This course provides algebraic support for the first quarter Pre-Calculus course. Homework and exams are scheduled parallel to objectives requiring algebraic skills and concepts. This class is taught asynchronously and uses the same software as that used in the Pre-Calculus course.

The course contains but is not limited to the following topics: distance, midpoint, LCDs, factoring, radicals, exponential rules, linear equation, quadratic equation, functions and function notation, reading and finding values from a graph, linear, quadratic, and rational and absolute value functions, absolute value functions and piecewise functions.

Required Materials/Access

Access to Aleks (An Online Adaptive Learning and Homework System)

Aleks will contain your homework and exams.. An email will be sent a few days before class begins describing how to register and access Aleks. There is no additional cost to access Aleks if you are enrolled in the corresponding Math 31 course.

You will need to create an account and take the first assessment by Wednesday of the first week of the course. For your user name, please use the first letter of your first name followed by your last name.

Text Book

You will have access to the ebook on Aleks. The textbook is titled, "Intermediate Algebra." written by Julie Miller. The book is easy to access within Aleks.

Technology

Although I recommend a TI Graphing Calculator or Desmos, it is not necessary. Aleks provides a calculator when needed.

If you wish to Rent a Hand-Held TI, try:

- Our bookstore or
- <http://www.rentcalculators.org>

For desmos go to desmos.com.

Homework

All homework is done on Aleks. Homework is broken down by objective. Each Objective has a due date. You can return to an objective, however you will not receive any additional credit.

After you register on Aleks, and open the program, there will be a quick tutorial on their editing system. Next, Aleks will assess what you may already know in the course. **DO NOT** look up answers! If you already learned a topic but forgot, you will have the chance to work quickly through a few problems to refresh your memory. Student's that have looked up answers have done very poorly on the exams.

Due dates for homework assignments are given within Aleks and **DO NOT** carry over into Canvas. Please go to your Aleks calendar at least twice a week to **KEEP TRACK** of due dates

Although there are no extensions on due dates, you can gain back some credit by spending more time working on Aleks. Please ask the instructor..

Exams

There will be four exams. Exams will be open for one day. Exams will last between 30-50 minutes. You may choose when to start your exam. There are no makeup exams.

Final Exam

The final exam will be open for one day. You may choose when to start your exam. If you miss the final without contacting me before the final, you will automatically receive a 0% on the final. This may lead to a non-passing grade

in the course.

Point Distribution

<u>Category</u>	<u>Percent</u>
Homework	40
Exams	40 (each exam 10%)
Final	20

Grading Scale

Percentage	Letter Grade
99% to 100%	A+
90% to 98%	A
89%	A-
86% to 88%	B+
80% to 85%	B
79%	B-
76% to 78%	C+
70% to 75%	C
66% to 69%	D+
50% to 65%	D
49%	D-
< 49%	F

Policy on Cheating

Students who submit the work of others as their own will receive a failing grade on that assignment and are reported to college authorities.

You may access your final grades through [MyPortal](#).

Student Learning Outcome(s):

* Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations.

* Synthesize, model, and communicate real-life applications and phenomena using algebraic and transcendental functions.