College Algebra: MATH 1011 - 62690

1 Contact Information

Professor: Dr. Blake Farman
Phone Number: (318) 342 - 1851
Email Address: farman@ulm.edu
Website: https://ulm.edu/~farman
Office: Walker 3-34
Office Hours: Monday - Thursday, 2:00 pm - 4:30 pm

1.1 Preferred Method of Communication

The best way to communicate with me during the semester is through email. I monitor my email Monday - Friday from 9:00 am until 5:00 pm. I normally try to respond within one business day.

1.1.1 Official University Email Addresses

The University provides each student with an email address, username@warhawks.ulm.edu, and all official course correspondence will **only** be conducted using official university email addresses.

1.1.2 Email Etiquette

When you send an email, your message should contain the following information

Subject: A few words that describe the content of your email along with the course identifier (MATH 1011-62690).
Salutation: A professional greeting such as "Dear" or "Hello" followed by the appropriate honorific and the recipient's last name.
Body: A concise message that clearly expresses the purpose of your email.
Signature: A simple closing (e.g. "Sincerely," "Thank you," "Best regards," etc.) followed by your first and last name.

For your convenience, included below is an example email.

> Subject: Meeting - Math 1011 - 62690
>
> Dear Professor Farman,
>
> I am having trouble with this week's homework. I have tried working through the examples in the text, but I am struggling to understand the concepts involved. Could we schedule a time to meet before the next class to discuss some of the concepts in more detail?
>
> Thank you,
>
> Jane Doe

For more details, you can read this Medium post about How to Email Your Professor.

2 Course Description

In-depth treatment of solving equations and inequalities; function properties and graphs; inverse functions; linear, quadratic, polynomial, rational, exponential and logarithmic functions with applications; systems of equations.

3 Course Prerequisites

You must have one of the following prerequisites to be eligible to be enrolled in Math 1011:

- Math ACT subscore of at least 19
- Math SAT subscore of at least 510
- Elementary Algebra Accuplacer Test score of 70-120 (prior to the year 2019)
- QRAS Next Generation Test score of 250-300 (the year 2019-present)
- Grade of C or better in Math 0093 (or its equivalency)

4 Course Objectives

Students will apply and develop necessary skills to comprehend basic concepts and principles of algebra and mathematical logic. Students will develop necessary problem-solving skills and demonstrate an ability to apply these basic concepts and principles to problems in different academic disciplines. Students will acquire skills vital to their future success in Math 1012 or Math 1031.

5 Instructional Methods

This course is offered as an asynchronous, online-only course. There will be no face-to-face meetings for this course and you are encouraged, but not required, to attend any online meetings.

- Learning will be facilitated through online videos and the online textbook available through the Hawkes Learning System, and review sessions held on Zoom.
- Online homework assignments completed using the Hawkes Learning System and written tests will assess the student's ability to apply principles of algebra and mathematical logic to various disciplines.
- ULM offers one-on-one tutoring in the MATH Center, and Math 1011 has a supplemental instructor who offers additional study sessions outside of class.
- It is the student's responsibility to learn how to use Hawkes. To register for Hawkes Learning, follow the instructions posted in Moodle.

6 Evaluation

This course will use **Mastery Based Grading**. The content is broken into *standards* that you are expected to master by the end of the course.

This grading system is *iterative* in the sense that you will have multiple opportunities to display mastery of each standard, and *forgetful* in the sense that your previous unsuccessful attempts are discarded once you demonstrate mastery of a standard.

Mastering a standard is a two-step process, consisting of mastering a Lesson and a written Assessment. Each week we will cover around 2 Lessons in Hawkes, followed by a written Assessment that is due by the end of the week.

Below, you can see a list of each standard and the lessons that accompany them.

6.1 Linear Functions

LF 1	I can solve linear and absolute value equations in one variable. (§1.6)
Lessons:	1.6a: Linear Equations & Absolute Value Equations 1.6b: Literal Equations & Applications.
LF 2	I can solve linear and absolute value inequalities in one variable. I can express the solutions to these inequalities graphically and using interval notation (§1.7)
Lessons:	1.7: Linear & Absolute Value Inequalities.
LF 3	I can graph a line by plotting any two points. I can determine the slope of the line passing through two points in the plane. I can write the equation of that line using Point-Slope and Slope-Intercept Form. (§2.3, 2.4)
Lessons:	2.3: Linear Equations in Two Variables.
LF 4	I can determine whether two lines are parallel or perpendicular, and I can find the equation of lines that are parallel or perpendicular to a given line. (§2.5)
Lessons:	2.5: Parallel & Perpendicular Lines.
LF 5	I can solve a system of linear equations in 2 or 3 variables using elimination or substitution. I can determine whether a system of linear equations is consistent and, if so, whether the system has a unique solution. If the system is dependent, then I can express the solution space as a set. (§11.1)
Lessons:	11.1a: Systems of 2 Equations & 2 Unknowns 11.1b: Systems of 3 Equations & 3 Unknowns.

6.2 Quadratic Functions

QF 1	I can simplify square roots of negative numbers. I can add, subtract, multiply, and divide complex numbers. (§1.5)
Lessons:	1.5: Irrational & Complex Numbers.
QF 2	I can solve quadratic equations using each of the following methods: Complete the Square, Factor, the Quadratic Formula, and the Square Root Method (§1.8)
Lessons:	1.8a: Quadratic Equations.
QF 3	I can determine the following attributes of a quadratic function: the vertex, the x-intercepts, the y-intercept, and the line of symmetry. I can use this information to graph a quadratic function. (§3.3)
Lessons:	3.3a: Quadratic Functions.
QF 4	I can use quadratic functions to solve minimization and maximization problems. (§3.3)
Lessons:	3.3b: Quadratic Functions Applications.

6.3 Rational Functions

RF 1	I can determine where a rational expression is undefined. (§1.8)
Lessons:	1.4: Rational Expressions.
RF 2	I can combine rational expressions using addition, subtraction, multiplication, and division. I can simplify the resulting rational expression. (§1.8)
Lessons:	1.4: Rational Expressions.
RF 3	I can solve an equation involving rational expressions. (§1.9)
Lessons:	1.9a: Rational Equations.
RF 4	I can determine the asymptotes of a rational function and use this information to graph the function. (§5.5)
Lessons:	5.5a: Rational Functions.
RF 5	I can solve inequalities involving rational expressions. (§5.5)
Lessons:	5.5b: Rational Inequalities.

6.4 Polynomial Functions

PF 1	I can solve general polynomial, polynomial-like, and quadratic-like equations. (§1.8)
Lessons:	1.8b: Other Polynomial Equations.
PF 2	I understand the behavior of a polynomial function as the input values become large or large and negative, and I can use that information to graph the function given its factored form. (§5.1)
Lessons:	5.1a: Polynomial Functions.
PF 3	I can solve polynomial inequalities (§5.1)
Lessons:	5.1b: Polynomial Inequalities.

6.5 The Cartesian Plane

CP 1	I can find the distance and midpoint between points in the plane. (§2.1)
Lessons:	2.1: Distance & Midpoint.
CP 2	I can complete the square to put the equation of a circle into standard form. I can translate between the standard form and the graph of the circle. (§2.2)
Lessons:	2.2: Circles.

6.6 General Functions

GF 1	I can find the domain, codomain, and range of a given relation. I can determine whether the relation is a function. (§3.1)
Lessons:	3.1a: Relations & Functions & Their Graphs 3.1b: Implied Domain of Functions.
GF 2	I can evaluate a function at a given algebraic expression. (§3.1)
Lessons:	3.1a: Relations & Functions & Their Graphs 3.1b: Implied Domain of Functions.
GF 3	I can use transformations to graph a function. (§4.1)
Lessons:	4.1: Transformations of Functions.
GF 4	I can use the graph of a function to determine the intervals where the function is increasing and decreasing, and I can identify maximum and minimum values. (§4.2)
Lessons:	4.2: Properties of Functions.
GF 5	I can determine whether a given function is odd or even. (§4.2)
Lessons:	4.2: Properties of Functions.
GF 6	I can compose functions, decompose functions, and correctly identify the domain of a composition. (§4.3)
Lessons:	4.3: Composing Functions.
GF 7	I can determine whether a given pair of functions are inverses of one another. I can determine whether a function is one-to-one and, if so, find its inverse. I can use the graph of a one-to-one function to graph its inverse. (§4.4)
Lessons:	4.4: Inverse Functions.

6.7 Other Functions

OF 1	I can solve equations involving rational exponents, including radical equations. (§1.9)
Lessons:	1.9b: Radical Equations.
OF 2	I can identify, evaluate, and graph piecewise defined functions. (§3.4)
Lessons:	3.4: Piecewise Functions.

6.8 Exponential and Logarithmic Functions

EL 1	I can identify an exponential function, its domain, its range, and whether it represents growth or decay. I can use this information to graph an exponential function. (§6.1)
Lessons:	6.1: Exponential Functions & Their Graphs.
EL 2	I can solve applications problems involving exponential functions. (§6.2)
Lessons:	6.2: Exponential Models.
EL 3	I can identify a logarithmic function, its domain, and its range. I can use this information to graph a logarithmic function. (§6.3)
Lessons:	6.3: Logarithmic Functions & Their Graphs.
EL 4	I can evaluate logarithms, using the change-of-base formula as necessary. I can use the properties of logarithms to combine and expand logarithmic expressions. (§6.3, §6.4)
Lessons:	6.4: Logarithmic Properties.
EL 5	I can use the properties of exponentials and logarithms to solve equations. (§6.1, 6.4, 6.5)
Lessons:	6.5a: Solving Exponential Equations 6.5b: Solving Logarithmic Equations 6.5c: Exponential & Logarithmic Applications.

6.9 Grading Scale

Letter grades will be assigned based on the number of standards mastered in the course, as specified in the table below

Grade	Number of Standards Mastered
A	30 - 33
B	27 - 29
C	24 - 26
D	20 - 23
F	0 - 19

6.10 Lessons

A Lesson is broken down into 3 components:

Learn:	This component is where you first encounter new material. It contains a short lecture, some reading, and worked examples.
Practice:	This component is where you hone your skills. It contains guided problems that will help you to practice the concepts from the Learn component.
Certify:	This component is where you prove your skills. Unlike the Practice component, the Certify component does not contain any assistance. In order to successfully complete the Certify component, you must answer approximately 80% of the questions correctly, or else you will have to start over. You may attempt to Certify as many times as you would like.

6.11 Assessments

The weekly Assessments contain problems corresponding to the standards covered that week. The standards are graded *independently* and, unlike quizzes or tests that you may have had in the past, there is no partial credit. You must master *each* of the problems that go with the standard.

6.11.1 Problem Scoring

Written assessments in this course will be scored on the following scale.

Mastery:	The given solution is correct with no content related errors. Appropriate justification is provided in a clear, easy to follow manner.
Progressing:	The given solution demonstrates an understanding of the material, but contains content related errors or lacks justification.
Needs Improvement:	The given solution was blank, illegible, or used inappropriate techniques.

6.12 Reassessment

There are 5 scheduled Reassessments days for this course where you have the opportunity to reassess all of the standards that you have not yet mastered. You will be given a large assessment that contains problems for *every* standard that we have covered, and you may attempt as many of the standards that you have not yet mastered as time allows.

7 Class Policies and Procedures

At a minimum, all policies stated in the current ULM student policy manual & organizational handbook should be followed (see http://www.ulm.edu/studentpolicy/). Additional class policies include:

7.1 Textbook and Materials

The required text for this course is

Hawkes Learning System, Precalculus 3rd Edition Plus Integrated Review courseware, ISBN: 9781642772852.

You may purchase an access code from the ULM Bookstore, or directly from Hawkes Learning.

7.2 Attendance Policy

Students are expected to adhere to the Class Online Attendance Policy outlined in the ULM Student Policy Manual.

Beyond the baseline attendance policy, note that each week there are 10 Office Hours for which you have access to an interactive learning resource (i.e. me). This is arguably the most valuable aspect of this course. For most students, the lecture videos alone will **not** be enough to learn the material, so you are encouraged to actively engage with the material by utilizing this time to ask questions, clarify concepts, etc.

7.3 Make-up Policy

In the event of a missed assessment due to absence, the student will be provided an opportunity to reassess on the next Reassessment day.

7.4 Academic Integrity

Faculty and students must observe the ULM published policy on Academic Dishonesty (see the ULM Student Policy Manual – http://www.ulm.edu/studentpolicy/).
Any student caught turning in work that is not their own will receive an F in the course and will be reported to the Dean of Students, which could result in removal from the University.

7.5 Course Evaluation Policy

At a minimum, students are expected to complete the online course evaluation.

7.6 Location

Federal Regulations require determination and verification of every students' physical location while enrolled in classes (where they are physically located while taking classes), regardless of the delivery method (on campus, online). At the beginning of every semester and whenever physical location changes, students must update or verify their current location through banner https://ssb-prod.ec.ulm.edu/PROD/bwgkogad.P_SelectAtypUpdate. Students should do this by the end of the first week of classes.

8 Academic Services

8.1 MATH Center

The MATH Center is a mathematics only tutoring facility located in Walker Hall Room 3-46. MATH Center tutors are available during the hours listed below for in-person or online tutoring.

- Monday - Thursday 1:00 pm - 6:00 pm
- Friday 10:00 am - 1:00 pm

8.1.1 MATH Center Procedures:

- You must scan in and out of the MATH Center using a ULM student ID or valid photo ID.
- You should bring all materials to the MATH Center: notebook, calculator, writing utensils, etc. No materials will be provided for students in the MATH Center.
- Cell phone usage is not allowed in the MATH Center. Cell phones must be turned off and stored out of sight. Any visibility or use of a cell phone by a student within the MATH Center is grounds for immediate removal from the MATH Center.

8.2 Mathematics Resource Center (MRC)

The Mathematics Resource Center (MRC), operated by the ULM mathematics faculty, is located on the third floor of Walker Hall. The MRC is a mathematics learning center used for hands-on classroom experience and testing. The MRC is available for use by ULM faculty/students any time classes are in session. Testing is available only by appointment or faculty assignment.

8.3 Supplemental Instruction

From the ULM Supplemental Instruction website (https://www.ulm.edu/studentsuccess/supplementalinstruction.html)

> Supplemental Instruction (SI) sessions are weekly review sessions for students enrolled in historically difficult courses. SI targets tough courses!
>
> SI provides a chance to get together with people in your class to compare notes, to discuss important concepts, to develop strategies for studying the subject, and to test yourselves before your professor does, so that when he/she does, you'll be ready.
>
> SI is provided for all students who want to improve their understanding of course material and improve their grades. These sessions are facilitated by a trained SI leader.

9 Student Services

You can find information about the following available ULM student services at the websites listed below.

- Student Success Center (http://www.ulm.edu/cass/).
- Counseling Center (http://www.ulm.edu/counselingcenter/).
- Special Needs (http://www.ulm.edu/counselingcenter/special.htm).
- Library (http://www.ulm.edu/library/referencedesk.html)
- Computing Center Help Desk (http://www.ulm.edu/computingcenter/helpdesk)

Additional information can be found on The Student Services web site (http://www.ulm.edu/studentaffairs/).

9.1 Disability Accommodations

The University of Louisiana at Monroe strives to serve students with special needs through compliance with Sections 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act. These laws mandate that postsecondary institutions provide equal access to programs and services for students with disabilities without creating changes to the essential elements of the curriculum. While students with special needs are expected to meet our institution's academic standards, they are given the opportunity to fulfill learner outcomes in alternative ways. Examples of accommodations may include, but are not limited to, testing accommodations (oral testing, extended time for exams), interpreters, relocation of inaccessible classrooms, permission to audiotape lectures, note-taking assistance, and course substitutions.

Current policies on serving students with disabilities can be obtained from the ULM website: http://ulm.edu/counselingcenter/. If you need accommodation because of a known or suspected disability, you should contact the director for disabled student services at:

- Voice phone: (318) 342 - 5220
- Fax: (318) 342 - 5228
- Walk In: ULM Counseling Center, 1140 University Avenue (this building and room are handicapped accessible).

If you have special needs of which I need to be made aware, you should contact me within the first two days of class.

9.2 Mental Wellness

If you are having any emotional, behavioral, or social problems, and would like to talk with a caring, concerned professional please call one of the following numbers:

- The ULM Counseling Center (318) 342 - 5220
- The Marriage and Family Therapy Clinic (318) 342 - 9797
- The Community Counseling Center (318) 342 - 1263.

9.3 Title IX

Title IX of the Education Amendments of 1972 prohibits sex discrimination against any participant in an educational program or activity that receives federal funds, including federal loans and grants. Furthermore, Title IX prohibits sex discrimination to include sexual misconduct, sexual violence, sexual harassment and retaliation. If you encounter unlawful sexual harassment or gender-based discrimination, please contact Student Services at (318) 342 - 5230 or to file a complaint, visit www.ulm.edu/titleix.

Remember that all services are offered free to students, and all are strictly confidential.

9.4 Emergency Procedures

The emergency number for the ULM Police Department is (318) 342 - 5350 and should be used for emergency calls. If the campus police are contacted about an emergency for a student, they will go to the student's class to inform the student.

9.5 Discipline / Course Specific Policies

Any policies given here may be altered by the professor if deemed necessary. If this occurs, ample notice will be given.

9.6 Technical Requirements

The normal delivery method for this course requires instructional materials and interactions remotely. All students will be expected to have the appropriate equipment, software, and telecommunication access. Students will be required to have access to a web camera (internal or external)and a microphone that can be used for Zoom meetings, and a device such as a scanner or a smartphone equipped with a scanning app such as Adobe Scan to upload assessments on Moodle.

9.7 FERPA

Do not email or call your professor regarding your course grades. The Family Education Rights and Privacy Act (FERPA) prohibits your professor from discussing your grade in any manner except in person. Please do not have family members, friends, or anyone else contact your professor about your grade as FERPA prohibits your professor from sharing that information with them.

10 Tentative Course Schedule

10.1 Contact Information

Professor: Dr. Blake Farman
Phone Number: (318) 342 - 1851
Email Address: farman@ulm.edu
Website: https://ulm.edu/~farman
Office: Walker 3-34
Office Hours: Monday - Thursday, 2:00 pm - 4:30 pm

Week 1

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	1/11			
Tue	1/12	1.6a: Linear Equations & Absolute Value Equations	**LF** 1	
Wed	1/13	1.6b: Literal Equations & Applications	**LF** 1	
Thu	1/14	1.7: Linear & Absolute Value Inequalities	**LF** 2	
Fri	1/15			**LF** 1-2

Lecture Videos

- 1.6 - Linear Equations in One Variable (**LF** 1)
- 1.7 - Linear Inequalities in One Variable (**LF** 2)

Week 2

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	1/18	*Martin Luther King Day*		
Tue	1/19	1.4: Rational Expressions	**RF** 1-2	
Wed	1/20			
Thu	1/21	1.5: Irrational & Complex Numbers	**QF** 1	
Fri	1/22			**RF** 1-2, **QF** 1

Lecture Videos

- 1.4 - Rational Expressions (**RF** 1-2)
- 1.5 - Complex Numbers (**QF** 1)

Week 3

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	1/25			
Tue	1/26	1.8a: Quadratic Equations	**QF** 2	
Wed	1/27			
Thu	1/28	1.8b: Other Polynomial Equations	**PF** 1	
Fri	1/29			**QF** 2, **PF** 1

Lecture Videos

- 1.8 - Quadratic Equations in One Variable (**QF** 2)
- Higher Degree Polynomial Equations (**PF** 1)
- Factoring

Week 4

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	2/1			
Tue	2/2	*Warhawk Day Off - No Classes*		
Wed	2/3	1.9a: Rational Equations	**RF** 3	
Thu	2/4	1.9b: Radical Equations	**OF** 1	
Fri	2/5	Reassessment 1		**LF** 1-2, **RF** 1-3, **QF** 1-2, **PF** 1, **OF** 1

Lecture Videos

- 1.9 - Rational and Radical Equations in One Variable (**RF** 3, **OF** 1)

Week 5

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	2/8			
Tue	2/9	2.1: Distance & Midpoint	**CP** 1	
Wed	2/10			
Thu	2/11	2.2: Circles	**CP** 2	
Fri	2/12			**CP** 1-2

Lecture Videos

- 2.1 - The Cartesian Coordinate System (**CP** 1)
- 2.2 - Circles (**CP** 2)

Week 6

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	2/15			
Tue	2/16	2.3: Linear Equations in Two Variables	**LF** 3	
Wed	2/17	*Warhawk Day Off - No Classes*		
Thu	2/18	2.4: Slope & Forms of Linear Equations	**LF** 3	
Fri	2/19			**LF** 3

Lecture Videos

- 2.3 - Linear Equations in Two Variables (**LF** 3)
- 2.4 - Slope and Forms of Linear Equations (**LF** 3)

Week 7

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	2/22			
Tue	2/23	2.5: Parallel & Perpendicular Lines	**LF** 4	
Wed	2/24			
Thu	2/25			
Fri	2/26	Reassessment 2		**LF** 1-4, **RF** 1-3, **QF** 1-2, **PF** 1, **OF** 1, **CP** 1-2,

Lecture Videos

- 2.5 - Parallel and Perpendicular Lines (**LF** 4)

Week 8

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	3/1			
Tue	3/2	3.1a: Relations & Functions & Their Graphs	**GF** 1-2	
Wed	3/3	3.1b: Implied Domain of Functions	**GF** 1-2	
Thu	3/4	3.3a: Quadratic Functions	**QF** 3	
Fri	3/5			**GF** 1-2, **QF** 3

Lecture Videos

- 3.1 - Relations and Functions (**GF** 1-2)
- 3.3 - Quadratic Functions (**QF** 3-4)

Week 9

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	3/8	3.3b: Quadratic Functions Applications	**QF** 4	
Tue	3/9			
Wed	3/10	3.4: Piecewise Functions	**OF** 2	
Thu	3/11	*Warhawk Day Off - No Classes*		
Fri	3/12			**QF** 4, **OF** 2

Lecture Videos

- 3.4 - Other Common Functions (**OF** 2)

Week 10

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	3/15			
Tue	3/16	4.1: Transformations of Functions	**GF** 3	
Wed	3/17			
Thu	3/18	4.2: Properties of Functions	**GF** 4-5	
Fri	3/19			**GF** 3-5

Lecture Videos

- 4.1 - Transformations of Functions (**GF** 3)

- 4.2 - Properties of Functions (**GF** 4-5)

Week 11

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	3/22			
Tue	3/23	4.3 Composing Functions	**GF** 6	
Wed	3/24			
Thu	3/25	Review		
Fri	3/26	Reassessment 3		**LF** 1-5, **RF** 1-3, **QF** 1-4, **PF** 1, **OF** 1-2, **CP** 1-2, **GF** 1-6

Lecture Videos

- 4.3 - Combining Functions (**GF** 6)

Week 12

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	3/29			
Tue	3/30	4.4: Inverse Functions	**GF** 7	
Wed	3/31	5.1a Polynomial Functions	**PF** 2	
Thu	4/1			**GF** 7, **PF** 2
Fri	4/2	*Spring Break*		

Lecture Videos

- 4.4 - Inverses of Functions (**GF** 7)
- 5.1 - Polynomial Functions and Polynomial Inequalities (**PF** 2-3)

Week 13

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	4/5	*Spring Break*		
Tue	4/6	*Spring Break*		
Wed	4/7			
Thu	4/8	5.1b Polynomial Inequalities	**PF** 3	
Fri	4/9	5.5a: Rational Functions	**RF** 4	**PF** 3, **RF** 4

Lecture Videos

- 5.5 - Rational Functions and Rational Inequalities (**RF** 4-5)

Week 14

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	4/12	5.5b: Rational Inequalities	**RF** 5	
Tue	4/13	6.1: Exponential Functions & Their Graphs	**EL** 1	
Wed	4/14			
Thu	4/15	6.2: Exponential Models	**EL** 2	
Fri	4/16			**RF** 5, **EL** 1-2

Lecture Videos

- 6.1 - Exponential Functions and Their Graphs (**EL** 1)
- 6.2 - Exponential Models (**EL** 2)

Week 15

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	4/19			
Tue	4/20	6.3: Logarithmic Functions & Their Graphs	**EL** 3	
Wed	4/21			
Thu	4/22	6.4: Logarithmic Properties	**EL** 4	
Fri	4/23			**EL** 3-4

Lecture Videos

- 6.3 - Logarithmic Functions and their Graphs (**EL** 3-4)
- 6.4 - Logarithmic Properties and Models (**EL** 3-4)

Week 16

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	4/26			
Tue	4/27	6.5a: Solving Exponential Equations	**EL** 5	
Wed	4/28	6.5b: Solving Logarithmic Equations	**EL** 5	
Thu	4/29	6.5c: Exponential & Logarithmic Applications	**EL** 5	

Fri	4/30	Reassessment 4		**LF** 1-4, **RF** 1-5, **QF** 1-4, **PF** 1-3, **OF** 1-2 **CP** 1-2, **GF** 1-2, **EL** 1-5

Lecture Videos

- 6.5 - Exponential and Logarithmic Equations

Week 17

Day	Date	Lesson Due (Hawkes)	Standard(s)	Assessment
Mon	5/3	11.1a: Systems of 2 Equations & 2 Unknowns	**LF** 5	
Tue	5/4	11.1b: Systems of 3 Equations & 3 Unknowns	**LF** 5	
Wed	5/5	*Warhawk Day Off - No Classes*		
Thu	5/6	*Warhawk Day Off - No Classes*		
Fri	5/7	*Warhawk Day Off - No Classes*		

Lecture Videos

- 11.1 - Solving Systems of Linear Equations by Substitution and Elimination (**LF** 5)

Finals Week

Dates	Assessment	Standards Covered
Mon 5/10 - Fri 5/14	Final Reassessment	Cumulative