

COLLIN COLLEGE COURSE SYLLABUS

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| COURSE INFORMATION |
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Course Number: MATH 1314

Course Title: College Algebra

Course Description: In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. Graphing calculator required. Lab required.

Course Credit Hours: 3

Lecture Hours: 3

Lab Hours: 1

Prerequisite: Meet TSI college-readiness standard for Mathematics; or equivalent.

Corequisite: Co-enrollment in Math 0314 – College Algebra Support

Student Learning Outcomes:

State-mandated Outcomes: Upon successful completion of this course, students will:

1. Demonstrate and apply knowledge of properties of functions, including domain and range, operations, compositions, and inverses. (Critical Thinking, Communication Skills)
2. Recognize and apply polynomial, rational, radical, exponential and logarithmic functions and solve related equations. (Empirical/Quantitative Skills, Critical Thinking, Communication Skills)
3. Apply graphing techniques.
4. Evaluate all roots of higher degree polynomial and rational functions. (Empirical/Quantitative Skills)
5. Recognize, solve and apply systems of linear equations using matrices. (Empirical/Quantitative Skills, Critical Thinking, Communication Skills)

Withdrawal Policy: See the current *Collin Registration Guide* for the last day to withdraw.

Collin College Academic Policies: See the current *Collin Student Handbook*.

Americans with Disabilities Act: In compliance with applicable law, Collin College provides equal access to education and safeguards against discrimination by offering specialized services and reasonable accommodations to qualified students with a disability.

If you anticipate or experience any barriers to learning based on disability, please contact the ACCESS Office

(<https://rainier.accessiblelearning.com/Collin/ApplicationStudent.aspx>)

Note: Instructors will provide reasonable accommodations only to students who present a Course Accessibility Letter issued by the ACCESS Office.

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| INSTRUCTOR INFORMATION |
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Instructor's Information:

Instructor's Name: **Ivy Langford**

Office Number: **LH125 located in Suite LH117 (Frisco Campus)**

Office Hours: **Monday & Wednesday 12:00 – 1:00 PM**
Tuesday & Thursday 9:20 – 9:50 AM
1:00 – 2:00 PM
2:00 – 2:30 PM (Online Class ONLY)

Others by appointment

Contact Information:

Phone: **(972)377-1535**

Email: **yjlangford@collin.edu**

Email is checked periodically throughout the day. However, during non-business hours or weekends it could take 24-48 hours to respond to your email. Please utilize your CougarMail account for all electronic communication. You must include your **first and last name** and **course/section number** (ie. MATH1314.P03) in the subject line. Check your college email daily (**return my email in a timely manner.**)

Website: **<http://faculty.collin.edu/yjlangford>**

In case of emergency, contact the Instruction Office (PRC LH158) at (972) 377-1554 or contact your instructor by email as listed above.

Class Information:

Section Number: **P14**

Meeting Times: **TR 11:30 – 12:45 PM**

Meeting Location: **LH240 (Frisco Campus)**

Netiquette Expectations: All correspondence, public and private, should be conducted in a professional manner. Always use your **CougarMail** account when emailing your instructor and include your **full name** and **course section**. Emails from other domains may not be answered.

This class is paired with Math 0314. All students enrolled in Math 0314 are required to be enrolled in the paired section of Math 1314 and are expected to attend both classes.

Textbook: *College Algebra*, Julie Miller, 2nd Edition, McGraw Hill

ConnectMath Access Code for online assignments (free; provided by the instructor)

ALEKS Prep Access Code (free; provided by the instructor)

Course Resources: The College provides group tutoring and a Math Lab at no charge on each campus to support student success in this class. The Math Lab locations are below:

- McKinney Campus: C220 Phone: 972.548.6896
- Frisco Campus: F148 Phone: 972.377.1639
- Plano Campus: D203 Phone: 972.881.5921

Please visit <http://www.collin.edu/collegesurvival/> for a list of available college support resources.

Supplies: A graphing calculator is required and the TI 83 or TI 84 is recommended. Calculators with a computer algebra system (CAS) will not be permitted. The following calculators are **NOT ALLOWED** for this class: TI89 OR TI92

Other required supplies are notebook paper, a binder for graded papers, #2 pencils and eraser, and a straight edge. **It is expected that all supplies, including the textbook and the graphing calculator, will be brought to class each day.**

Colored pens/pencils to aid in class notes are optional, but encouraged.

Attendance Policy: Students are expected to attend all class sessions regularly and **punctually**.

When an absence from class is unavoidable, it is the student's responsibility for all material and assignment, and to determine whether announcements relevant to the course were missed during the absence.

Two (2) absences or less during the regular semester will receive an addition of **two points** to MATH 1314 final semester grade. More than two but no more than **three (3)** absences will receive an addition of **one point** to MATH 1314 final semester grade. **Two (2)** tardies will be counted as one absence. Students arriving late and/or leaving early will be considered tardy. A tardy or early departure of **thirty (30)** minutes or more will be considered an absence. An absence is anytime you are not present.

Attendance will be taken each class period. It is the student's responsibility to ensure that the roll is signed before leaving class. **Failure to sign-in will be considered an absence. YOU CANNOT SIGN-IN FOR SOMEONE ELSE.**

Electronic Devices Policy: As per the *Collin Student Handbook*, Student Code of Conduct, with the exception of a calculator, all electronic devices are to be switched OFF and stored out of sight during class, unless an exception is obtained from the instructor in advance.

Students who are using any electronic devices for text message, IM, email, and etc. during the class time will be asked to leave the class without returning for the remaining day, considered absent for that class meeting. Students will also be reported to the Dean of Students Office (DOS) at the second offence.

Course Requirements: Attend class as scheduled and complete the required tests, lab assignments, and final examination, and any other assignments required by the instructor.

Method of Evaluation:

55% Tests – **Seven (7) tests** will be given over the chapters covered in class. All tests will be taken in the **Testing Center (F209)**. You must show your work to receive maximum test points. **There is no makeup for a missed test.** If any circumstances cause you to miss a test, you can replace that TEST GRADE with the FINAL EXAM GRADE. Subsequent missed tests will be recorded as zeros. Cheating on an exam will result in a zero. **College Algebra students are not allowed to have notes, notecards or formula sheets during tests and the final exam. Take home exams are also not allowed.**

- 10% Labs – There are **seven (7) labs** and **Supplemental Instruction & Tutoring (SI/T)**. The first three labs are completed ONLINE (ALEKS) by the assigned due dates (**11:59 PM**). The rest of the four labs are paper labs. They should be completed by following the *Assignment Guidelines* and will be collected and graded at the beginning of class on the assigned due dates. **No late labs will be accepted.**

Supplemental Instruction & Tutoring (SI/T): All students are required to attend five (5) SI/T sessions **outside of regular class time** during the semester. SI/T sessions will be offered 7 times per week at Frisco campus, 4 times per week at McKinney campus, and online every other week. See canvas for SI/T schedule and topics. Students who attend more than 5 SI/T sessions will earn extra credit. Students are required to keep an SI/T attendance log to be turned in at the end of the semester.

- 10% Homework – Students are expected to complete the homework ONLINE (ConnectMath) regularly based on the objectives covered. Online homework is due the assigned dates (**11:59 PM**). **All homework can NOT be worked on after the due dates. The lowest three grades will be dropped at the end of the semester.** Homework questions will be answered at the beginning of each class session.
- 5% Class Work – Weekly pre-lecture assignments and announced or unannounced exercises/activities will be given as class work. **There is no makeup for any missed class work.** The lowest two grades will be dropped at the end of the semester.
- 20% Final exam - A comprehensive departmental final exam is REQUIRED for all students at the end of the course (NO EXCEPTIONS). If a student takes all tests, the lowest test grade will be replaced by the final exam grade, provided the final exam has a higher grade. This replacement will not take place if a student is found guilty of cheating on an exam. The final exam will be given in class. Scantron forms will be provided for the students.

Bonus/Extra Credit – You have several chances to earn bonus/extra credit added to each module test. All extra credits are due **the assigned dates**. Please refer to the *Class Schedule* for due dates.

- 1) **Module Test Review** – In order to receive 5 points for each module test, you must complete all online module test review problems with a grade of 100 by **11:59 PM** on the last day of taking the module test.
- 2) **Math Lab Tutoring** – You will be able to receive 2 extra points if you utilize Math Lab (any CCCCD campus) and/or SI/T more than five hours total before each module test. Please submit a record of Math Lab Tutoring hours or “*Math Lab Tutoring Log*” available on my instructor website under “Forms.”
- 3) **Module Test Homework** – If you complete all homework assignments in each module test with 85% or higher, you will receive 3 extra points added to each module test. 5 extra points will be added to the module test when completing all homework assignments with 100%.

You must master the required content to pass. Your grade will be based on attendance, homework, labs, class work, and tests. The grading scale for this course will be:

| <u>Percentage</u> | <u>Grade</u> |
|-------------------|--------------|
| 90 – 100% | A |
| 80 – 89% | B |
| 70 – 79% | C |
| 60 – 69% | D |
| 0 – 59% | F |

Grading Policy: All graded papers **MUST** follow the *Assignment Guidelines*. All graded papers are returned to students and the student is expected to keep those graded papers in a folder or binder; do not ask the instructor for grades.

Course Withdrawal Policy: The goal is for you to successfully complete this course and to be prepared to successfully complete subsequent course(s). Prior to withdrawing from this class, please meet with me to discuss your progress and to learn about the support services provided at Collin to help you succeed. **See the current *Collin Registration Guide* for the last day to withdraw. If you simply stop attending and do not withdraw from this course, you will receive an F.**

Course Drop Limit Provisions: Students who enroll for the first time during the fall 2007 semester, or any subsequent semester, are subject to the course drop limit of six course drops. This includes any course a transfer student has dropped at another institution. Collin College will not begin to count dropped courses until the fall 2009 semester. For more information, please contact Academic Advising or the Admissions and Records Office on any campus.

- Notes:** (1) The instructor reserves the right to make changes to this syllabus during the semester. Changes will be provided in writing during class hours.
- (2) With the exception of a calculator, all electronic devices are to be switched off during class, unless an exception is obtained from the instructor in advance.
- (3) Please see: <http://www.collin.edu/collegesurvival/> for a listing of available college support resources.

Student Responsibilities:

1. Attend class and be aware of announcements made in class.
2. **Inform instructor of late arrival at the conclusion of that class and be sure it is noted.**
3. Understand the syllabus, especially attendance, grading, test, and cell phone policies.
4. Take care of personal needs before or after class.
5. Arrange for appropriate child care when needed—children are not allowed in class.
6. Show all your work on class work and tests. Partial credit may be given for correct work shown.

ADDITIONAL INFORMATION

A. College rules do not permit you to eat, drink, or use tobacco in the classroom.

B. Hints for success in this class:

1. Be on time for class.
2. Read the sections BEFORE we discuss them in class. Have your questions ready!
3. Do all your assignments as soon as you can after class.
4. Plan to spend **6 – 9 hours per week outside of class** studying, completing homework, and preparing for tests. This is **2 – 3 hours** outside of class for **every hour in class**.
5. If you don't understand a topic, get help ASAP.

C. Getting Help:

1. The **Math Lab (F148)**, phone # 972-377-1639): free tutoring and computer access
2. **ACCESS Office (F144)**, phone # 972-881-5950): free group and online tutoring available
3. **Instructor (LH125)**, phone # 972-377-1535): I am also available to meet with you during my office hours or other times by appointment.
4. **Graphing Calculator assistance:**
 - Useful websites: http://www.prenhall.com/divisions/esm/app/calc_v2/
<http://mathbits.com/MathBits/TISection/Openpage.htm>

Collin College Academic Policies: Please refer to the current *Collin Student Handbook*.

Religious Holy Days: In accordance with section 51.911 of the Texas Education Code, the college will allow a student who is absent from class for the observance of a religious holy day to take an examination or complete an assignment scheduled for that day within a reasonable time. A copy of the state rules and procedures regarding holy days and the form for notification of absence from each class under this provision are available from the Admissions and Records Office. Please refer to the current *Collin Student Handbook*.

Academic Ethics: Every member of the Collin College community is expected to maintain the highest standards of academic integrity. Collin College may initiate disciplinary proceedings against a student accused of scholastic dishonesty. Scholastic dishonesty includes, but is not limited to, statements, acts, or omissions related to applications for enrollment or the award of a degree, and/or the submission of one's own work material that is not one's own. Scholastic dishonesty may involve, but is not limited to, one or more of the following acts: cheating, plagiarism, collusion, use of annotated texts or teacher's editions, use of information about exams posted on the Internet or electronic medium, and/or falsifying academic records. While specific examples are listed below, this is not an exhaustive list and scholastic dishonesty may encompass other conduct, including any conduct through electronic or computerized means:

Plagiarism is the use of an author's words or ideas as if they were one's own without giving credit to the source, including, but not limited to, failure to acknowledge a direct quotation.

Cheating is the willful giving or receiving of information in an unauthorized manner during an examination; collaborating with another student during an examination without authority; using, buying, selling, soliciting, stealing, or otherwise obtaining course assignments and/or examination questions in advance, copying computer or Internet files, using someone else's work for assignments as if it were one's own; or any other dishonest means of attempting to fulfill the requirements of a course.

If a determination of cheating is made by the Dean of Students Office:

1. A grade of zero will be assigned for the first offense.
2. A course grade of "F" will be assigned for the second offense.

Collusion is intentionally or unintentionally aiding or attempting to aid another in an act of scholastic dishonesty, including but not limited to, failing to secure academic work; providing a paper or project to another student; providing an inappropriate level of assistance; communicating answers to a classmate about an examination or any other course assignment; removing tests or answer sheets from a test site, and allowing a classmate to copy answers.

In cases where an incident report has been filed for alleged violation of scholastic dishonesty, faculty are requested to delay posting a grade, for the academic work in question, until the Dean of Student's Office renders an administrative decision of the case. Students found responsible for scholastic dishonesty offenses will receive an authorized disciplinary penalty from the Dean of Students Office. The student may also receive an academic penalty in the course where the scholastic dishonesty took place. The professor will determine the appropriate academic penalty. **See the current *Collin Student Handbook* for additional information.**

Course Content:

The student will be able to:

1. Evaluate functions including the Difference Quotient and Piecewise-Defined Functions.
2. Determine the domain and range of functions.
3. Determine intervals over which functions are increasing, decreasing, or constant.
4. Find relative maxima or minima of functions from graphs.
5. Determine if functions are even, odd or neither from equations and graphs.
6. Graph common functions including linear, quadratic, cubic, square root, cube root, reciprocal, absolute value, and piecewise-defined functions.
7. Interpret transformations on common functions including shifts, reflections, stretches and shrinks (compressions).
8. Form the Sum, Difference, Product, Quotient, and Composition of functions.
9. Use the Horizontal Line Test to test for one-to-one functions.
10. Verify or find inverses of functions algebraically and graphically.
11. Sketch quadratic functions.
12. Solve application problems using parabolas and solve related equations.
13. Identify zeros of polynomials and their multiplicity.
14. Sketch graphs of polynomial functions.
15. Use synthetic division to find zeros and factors of polynomial functions.
16. Evaluate polynomial functions for given values using the Remainder Theorem.
17. Find complex zeros of polynomial functions.
18. Apply the Rational Zero Theorem.
19. Know that complex zeros occur in conjugate pairs.
20. Know the implications of the Fundamental Theorem of Algebra.
21. Know the implications of the Linear Factorization Theorem.
22. Determine the domain of rational functions.
23. Determine the vertical, horizontal, and oblique (slant) asymptotes of rational functions.
24. Apply rational and radical functions and solve related equations.
25. Graph exponential and logarithmic functions including transformations.
26. State the domain, range and asymptotes of exponential and logarithmic functions.
27. Evaluate logarithms.
28. Use properties of logarithms.
29. Solve exponential and logarithmic equations.
30. Apply solution techniques to solve application problems relating to growth and decay.
31. Convert systems of linear equations to augmented matrix form.
32. Use Gauss-Jordan Elimination to solve systems of linear equations with two and three variables and equations using elementary row operations.
33. Use matrices to solve real life applications.
34. Write the terms of a sequence.
35. Use sigma notation for sums.
36. Determine the common difference of arithmetic sequences.
37. Determine the common ratio of geometric sequences.
38. Find the formula for the n th term of arithmetic and geometric sequences.
39. Find the sum of the first n terms of arithmetic and geometric sequences.
40. Find the sum of an infinite geometric series

MATH 0314/1314
Tentative Class Schedule

| Week | Date | Sections | HW/Labs Due | Notes |
|------|------|--|--|---|
| 1 | 1/22 | Introduction Syllabus IA R3, R4 Order of Operations & Simplifying Algebraic Expressions IA 1.1 Linear Equations in One Variable | <u>2 ConnectMath</u> & <u>1 ALEKS</u> Registrations (1/23) | Bring a TI 83/84 calculator to <u>each</u> class meeting |
| 1 | 1/24 | IA 1.2 Applications of Linear Equations in One Variable IA 1.3 Applications to Geometry and Linear Equations IA 1.4 Inequalities and Interval Notation | ALEKS (Initial Assessment) HW IA <u>R3, R4, 1.1</u> (1/25) HW IA 1.2, 1.3 (1/27) | |
| 2 | 1/29 | IA 2.1, 2.2 Graphing Linear Equations in Two Variables & Slope IA 2.3 Equations of a Line IA 2.5, 2.6 & CA 2.3, 2.4 Functions, Domain, and Range | HW IA 1.4, <u>2.1, 2.2</u> (1/30) | <u>Printed Syllabus</u> due at beginning of class |
| 2 | 1/31 | IA 2.5, 2.6 & CA 2.3, 2.4 Functions, Domain, and Range IA 4.1 Properties of Exponents | HW IA <u>2.3, 2.5, 2.6, CA 2.3, 2.4</u> (2/3) | |
| 3 | 2/5 | Module 1 Test - Linear Expressions, Equations, and Functions IA 4.2 Addition and Subtraction of Polynomials IA 4.3 Multiplication of Polynomials IA 4.5 Greatest Common Factor and Factoring by Grouping | HW IA 4.1 (2/5) Lab 1 (2/5) - 80% or higher HW IA 4.2 (2/6) | Module 1 Test by Thur, 2/7 Census Date (2/4) |
| 3 | 2/7 | IA 4.5 Greatest Common Factor and Factoring by Grouping IA 4.6 Factoring Trinomials IA 4.7 Factoring Binomials | HW IA 4.3, 4.5, 4.6 (2/10) | |
| 4 | 2/12 | IA 6.1 Radical Expressions IA 6.2 Rational Exponents IA 6.3 Simplifying Radical Expressions | HW IA 4.7, 6.1 (2/13) | Module 1 Test Extra Credit due |
| 4 | 2/14 | IA 6.3 Simplifying Radical Expressions IA 6.4 Addition and Subtraction of Radicals IA 6.5 Multiplication of Radicals | HW IA <u>6.2, 6.3, 6.4</u> (2/17) | |

MATH 0314/1314
Tentative Class Schedule

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|---|------|--|---|------------------------------------|
| 5 | 2/19 | IA 6.6 Division of Radicals IA 6.8 Complex Numbers Module 2 Test - Quadratic and Radical Equations IA 4.8 Solving Equations by Factoring | HW IA 6.5, 6.6, 6.8 (2/20) | Module 2 Test by Sat, 2/23 |
| 5 | 2/21 | IA 4.8 Solving Equations by Factoring IA 7.1 Square Root Property IA 7.2 Quadratic Formula | Lab 2 (2/21) - 80% or higher HW IA 4.8, 7.1 (2/24) | |
| 6 | 2/26 | IA 6.7 Solving Radical Equations CA 3.1 & 2.6 Quadratic Functions and Applications | HW IA 7.2, 6.7 (2/27) | Module 2 Test Extra Credit due |
| 6 | 2/28 | CA 3.1 & 2.6 Quadratic Functions and Applications | HW CA 3.1, 2.6 (3/2) Lab 3 (3/4) - 80% or higher | |
| 7 | 3/5 | CA 2.3 Functions (Domain & Graphs ONLY) Module 3 Test - Quadratic and Radical Equations and Functions CA 3.2 Introduction to Polynomial Functions | HW CA 2.3 (3/6) | Module 3 Test by Thur, 3/7 |
| 7 | 3/7 | CA 3.2 Introduction to Polynomial Functions CA 3.3 Division of Polynomials and the Remainder and Factor Theorems | HW CA 3.2 (3/9) | Module 3 Test Extra Credit due |
| | 3/12 | Spring Break (NO CLASSES) | | |
| | 3/14 | Spring Break (NO CLASSES) | | |
| 8 | 3/19 | CA 3.4 Zeros of Polynomials IA 5.1 Rational Expressions and Rational Functions IA 5.2 Multiplication and Division of Rational Expressions | HW CA 3.3 (3/20) | |
| 8 | 3/21 | IA 5.2 Multiplication and Division of Rational Expressions IA 5.3 Addition and Subtraction of Rational Expressions IA 5.4 Complex Fractions | HW CA 3.4, IA 5.1, 5.2 (3/24) | Last Day to Withdraw (3/22) |
| 9 | 3/26 | IA 5.5, 5.6 Solving Rational Equations and Applications CA 3.5 Rational Functions | HW IA 5.3, 5.4 (3/27) | |
| 9 | 3/28 | CA 3.5 Rational Functions Module 4 Test - Polynomial and Rational Functions IA 1.6, 2.7 & CA 2.3 Absolute Value Equations and Functions | HW IA 5.5, 5.6 (3/28) HW CA 3.5 (3/29) | Module 4 Test by Mon, 4/1 |

MATH 0314/1314
Tentative Class Schedule

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| 10 | 4/2 | CA 2.6 Transformations of Graphs CA 2.7 Analyzing Graphs of Functions and Piecewise-Defined Functions | Lab 4 (4/2)* HW IA 1.6, 2.7 & CA 2.3 (4/3) | Module 4 Test Extra Credit due |
| 10 | 4/4 | CA 2.7 Analyzing Graphs of Functions and Piecewise-Defined Functions CA 2.8 Algebra of Functions and Function Composition | HW CA 2.6, 2.7 (4/7) | |
| 11 | 4/9 | CA 4.1 Inverse Functions Module 5 Test - Common Functions CA 4.2 Exponential Functions | HW CA 2.8 (4/9) HW CA 4.1 (4/10) | Module 5 Test by Sat, 4/13 |
| 11 | 4/11 | CA 4.2 Exponential Functions CA 4.3 Logarithmic Functions | HW CA 4.2 (4/14) | |
| 12 | 4/16 | CA 4.4 Properties of Logarithms | Lab 5 (4/16)* HW CA 4.3 (4/17) | Module 5 Test Extra Credit due |
| 12 | 4/18 | CA 4.5 Exponential and Logarithmic Equations | HW CA 4.4 (4/21) | |
| 13 | 4/23 | CA 4.6 Modeling with Exponential and Logarithmic Functions Module 6 Test - Exp. & Log Expressions, Equations, and Functions IA 3.1 System of Equations in Two Variables | HW CA 4.5 (4/23) HW CA 4.6 (4/24) | Module 6 Test by Sat, 4/27 |
| 13 | 4/25 | IA 3.1 System of Equations in Two Variables IA 3.2 Solving by Substitution IA 3.3 Solving by Elimination IA 3.4 Solving Applied Problems: Two Equations CA 6.1 Solving Systems of Linear Equations Using Matrices | HW IA 3.1 (4/28) | |
| 14 | 4/30 | CA 6.1 Solving Systems of Linear Equations Using Matrices CA 6.2 Inconsistent Systems and Dependent Equations | Lab 6 (4/30)* HW IA 3.2, 3.3, 3.4, CA 6.1 (5/1) | Module 6 Test Extra Credit due |
| 14 | 5/2 | CA 8.1 Sequences and Series CA 8.2 Arithmetic Sequences and Series | HW CA 6.2, 8.1 (5/5) | |

Spring 2019
Tue. / Thur.

MATH 0314/1314
Tentative Class Schedule

Prof. Langford
Office: LH125 PRC

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|----|------|---|---------------------------------|---------------------------------------|
| 15 | 5/7 | CA 8.3 Geometric Sequences and Series Module 7 Test - Systems, Sequences & Series | HW CA 8.2, 8.3 (5/8) | Module 7 Test by Fri, 5/10 |
| 15 | 5/9 | Review for Final Exam | Lab 7 (5/9)* SI/T Log (5/9)* | Module 7 Test Extra Credit due |
| 16 | 5/14 | NO CLASS | | |
| 16 | 5/16 | Comprehensive Final Exam for Math 1314.P10 (11:30AM - 1:30PM) | | In-class Final |

| Lab # | Sections |
|-------|--|
| Lab 1 | Module 1 (ALEKS) |
| Lab 2 | Module 2 (ALEKS) |
| Lab 3 | Module 3 (ALEKS) |
| Lab 4 | Module 4 (Canvas) due at beginning of class* |
| Lab 5 | Module 5 (Canvas) due at beginning of class* |
| Lab 6 | Module 6 (Canvas) due at beginning of class* |
| Lab 7 | Module 7 (Canvas) due at beginning of class* |
| Lab 8 | SI/T Log due at beginning of class* |