This course syllabus is intended as a set of guidelines for College Algebra. Both North Lake College and your instructor reserve the right to make modifications in content, schedule, and requirements as necessary to promote the best education possible within the prevailing conditions affecting this course.

Instructor Information
Instructor’s Name: Larysa Reznikova
Email Address: lreznikova@dcccd.edu
Office Phone Number: 972-273-3016
Office Location: A365

Course Information
Course title: College Algebra
Course number: MATH 1314
Section number: 78206
Credit hours: Three (3)
Class meeting time: MW 8.00 – 9:20 am, Room C210

District Course description: This course is an in-depth study and applications of polynomial, rational, radical, exponential, logarithmic, absolute-values and piecewise-defined functions, and systems of equations using matrices. Also covered are the graphing calculator, non-linear inequalities, sequences and series, circles, the Binomial Theorem and a review of the classification of the real number systems.

ACGM 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.

Course prerequisites: DMAT-0093 or DMAT-0310 (Intermediate Algebra) or equivalent with an A, B, or C, or an appropriate score on a mathematics placement test.
Required Textbook and Materials

1. Stand Alone Access to MyLabsPlus OR College Algebra MLP Package for North Lake College Package includes:
   - Access to MyLabsPlus and
   - Book: COLLEGE ALGEBRA (MATH.1314)

   - Video Notebook pages
   - Note: MyLabsPlus access code is NOT the same as the MyMathLab access code.

   The MyLabsPlus is accessed with the MyMathLab – Plus access code.

   • Student ID number and email address listed in eConnect will be uploaded into the MyLabsPlus software to provide the student access to the course materials. You can modify your email address and password once you have logged into the software the first time. If you have questions or concerns contact the math division office at 7mathofc@dccc.edu

2. Calculators
   You will be allowed to use calculators on all tests. Graphing calculators (such as the TI-83 or TI-84 Plus) are recommended. Calculators such as the TI 89 & TI 92, which perform algebraic operations, are not allowed. You may check out a TI-84 calculator for the midterms and final which are taken in class at North Lake College.

Technical Support for eCampus and MyLabsPlus
   MyLabsPlus support website: https://support.pearson.com/getsupport/s/
   • A link to this site is available in your course on eCampus.
   • Technical support number for eCampus: 972-669-6402
   • Technical support number for MyLabsPlus: 1-888-883-1299

Course Objectives
To develop a further understanding of the process of learning mathematics, the factors which can interfere with learning, and to continue to build the algebraic skills necessary for future courses or for utilization in a career or other endeavor.

The objective of the mathematics component of the core curriculum is to develop a quantitatively literate college graduate. Every college graduate should be able to apply basic mathematical tools in the solution of real-world problems.

Course Outline
Please see Appendix I attached to this syllabus for a detailed course outline.

Grading Scale
Your course grade will be determined by the final grade average based on the following:
A = 90 – 100, B = 80 – 89, C = 70 – 79, D = 67 – 69, F = 0 – 66
Computing Your Grade-- Evaluation Procedures of Course
The course learning outcomes will be assessed through Group Work (projects), Homework, Daily work (includes mastery tests, SLO activities, quizzes and other activities), Quizzes, Midterm and Exams. The final grade will be based on the following:

<table>
<thead>
<tr>
<th>Item</th>
<th>Percent of grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quiz+Notes</td>
<td>5%</td>
</tr>
<tr>
<td>Homework in MLP</td>
<td>10%</td>
</tr>
<tr>
<td>Midterm</td>
<td>30%</td>
</tr>
<tr>
<td>Online Chapter exams (average)</td>
<td>30%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25%</td>
</tr>
</tbody>
</table>

Special Note About Midterm and Final Exam:
If the midterm grade is more than 20 percentage points lower than the average of the first two mastery test scores, then the first two mastery test scores will be replaced by the midterm grade.

If the final exam grade is more than 20 percentage points lower than the average of the 3rd and 4th mastery test scores, then the 3rd and 4th mastery test scores will be replaced by the final exam grade.

This is to ensure that students have followed the guidelines (no help on any mastery tests) set forth in this course.

Homework
Homework is the most important learning tool in a course.

- It reinforces instruction.
- It provides an immediate and personal measure of your competence in the course.
- The classroom is to get supplementary information and assistance that is not available in the text.
- Homework will be assigned for each objective from MyLabsPlus.
- You must earn at least a 75% on each homework assignment before moving onto the next objective. Students that continue to work and earn 90 – 100% on the homework statistically do better on the written tests.
- All work should be written neatly on paper and the answer submitted online. This will help prepare you for the exams. Homework problems should be used as an additional resource for studying for all exams.
- The homework should be organized in the following manner:
  1. Note the chapter and section. Be sure to number each problem.
  2. Start new sections on a new page or highlight the start point with a marker.
  3. More details about what is expected on homework assignments can be found in the appendix.

Time Requirements
- Regular 3 credit hour classes have 48 hours of CLASS TIME.
- This 8 week fast track class ONLY MEETS FOR 24 HOURS – YOU are responsible for the other 24 hours OUTSIDE OF CLASS + the time to complete the homework. This time is necessary to fully learn all the needed material.
- In short: You can expect to spend AT LEAST 12 hours per week outside of CLASS completing the material for this course.
- Often online and blended courses take even more time to work through the material.
If you cannot donate this amount of time to math homework, your success will be diminished.

This information is not meant to scare you; it is meant to give you a heads up that you need to stay on track and work on this class EVERYDAY!

Tests (not proctored)

Types of tests: Mastery tests.

We discourage students from using unauthorized help in the form of notes, another student, or online assistance while taking tests at home. Generally when students use unauthorized help, it becomes evident on the proctored midterm and final exams. The goal of this course is to prepare students for the successful completion of additional STEM courses. It is vital that students learn the material for long term use.

Therefore, all tests (mastery tests and proctored exams, as well as quizzes) are to be completed without receiving help of any kind. This includes, but is not limited to, working with other people, using notes and/or textbook, looking for answers online, etc. Failure to follow this rule will result in one or more of the consequences listed under Academic Dishonesty.

Mastery Tests

- Mastery tests will be taken at home using MyLabsPlus.
- The mastery test will help determine your readiness to take the midterm and final exams.
- There will be five (5) mastery tests.
- After you have completed all of the objectives with corresponding homework (minimum score of 75% on each assignment) and studied your notes, you are ready for the mastery test.
- You will be allowed two attempts on each mastery test.
- You may be required to submit your work on all mastery tests. Your work must be neat and written clearly. You must follow the guidelines posted in eCampus since this is how you will be graded on the midterm and final exams.

Proctored Tests – Midterm and Final Exam

The proctored exams are there to ensure that wherever you choose to transfer or whatever university you attend, this class will be accepted. It has come to our attention that some universities are now making students retake certain courses that do not require at least 50% of the course work to be proctored. By using the procedures stated above, this course meets/exceeds the minimum 50% requirement.

- The midterm exam is comprehensive and will be given after the Chapter 3 test.
- The final exam is comprehensive i.e. it covers the entire course. It will be given after the Chapter 8 Mastery test is completed.
- The midterm and the final must be taken at the North Lake College testing center.

Taking Tests in the Testing Center (L 240)

- Important: Government- or school-issued photo identification is required & enforced.
- You may not bring personal items into the Test Center. This includes bags, cell phones and pagers. Coin-reimburseable (quarter) lockers are available for student use. Please do not share lockers.
- Please show courteous and cooperative behavior while using the services provided by the Testing Center.
- Do not bring children to the testing center. You must make arrangements for the care of your children prior to your exam date. The police department will be notified of any unattended children.
• **Do not** take any testing materials with you when you leave the Testing Center. This includes the test, answers, charts, scratch paper. These items will be attached to your test.

• **Academic Dishonesty**
  The Dallas County Community District has established **procedures and guidelines** to protect the security and integrity of all exams. All incidents of academic dishonesty are documented and reported to the instructor, the Director of Testing and the Dean of Student Enrollment.

• **Hours of Operation:** Please verify

  **Monday – Thursday:** 8:30 a.m. – 8:00 p.m.
  No tests will be issued after 7:00 p.m. Other cut-off times may be in effect for specific exams by the instructor's direction. All exams collected at 8:00 p.m.

  **Friday - Saturday:** 8:30 a.m. – 3:30 p.m.
  Other cut-off times may be in effect for specific exams by the instructor's direction. No tests will be issued after 2:30 p.m. All exams collected at 3:30 p.m.

  **Sunday:** CLOSED

• If your instructor requires you to complete an exam in the Testing Center, be sure to have the following information when you request your test:
  1. Instructor’s name
  2. Subject and course number….MATH 1314
  3. Exam – midterm or final exam
  4. Exam deadline (Get this information from your instructor. The testing staff cannot “look up” this information.)

You should also bring the following supplies:

1) Pencil & Eraser
2) Only battery operated 4 function, non-programmable scientific or TI83/TI84 calculators are allowed (if permitted by instructor).

• **Questions? Please visit the Testing Center (L240) or call 972-273-3160.**

**End of Course Grade Options**

1. **Student receives an A, B, or C average.**
   Receiving an A, B or C grade is considered successful completion of the College Algebra course.

2. **Student receives a W.**
   Students who decide that they will be unable to complete the course and withdraw on or before the drop date will receive a W. Students repeating the course in a subsequent semester will have to pay tuition again and may have to purchase a new set of materials to obtain the required software license (MyLabsPlus code is good for one year if used with the same text).

3. **Student receives an Incomplete (I).**
   - A student who has completed all work but the last unit test and final exam successfully in accordance with the Course Calendar AND/OR HAS MEDICAL ISSUES OR OTHER EXTREME CIRCUMSTANCES may be eligible for an Incomplete grade.
   - Only students who have worked consistently and regularly throughout the semester may qualify for an Incomplete.
• The student needs to make individual arrangements with the instructor for plans to finish the course.
• A contract for the Incomplete must be included with the instructor's final grades.
• Incomplete contracts must be approved by the last week of the term and may be accepted via email.
• The contract includes a deadline for completion, agreed upon work to be finished and a grade alternative if the contract is not fulfilled.
• The student does not have to re-enroll in the course, nor buy new materials.

4. **Student receives a D or an F.**
Students who do not drop the course must be given a completion grade. Those that do not qualify for one of the options listed above will be given the Course Grade they have earned as determined by the course average process listed in the previous section.

**Discipline/ Course/ Department/Policies**

**Sending Emails**
Be sure to put "MATH 1314-section, Last Name" in the subject line for all emails you send. There are several classes going on at the same time. By doing this you will be saving yourself and the instructor a lot of time. Also, please include your first and last name in the message of the email.

**Attendance**
- All students are expected to attend every class at the scheduled time.
- Notes will be turned in daily at the beginning or end of class and will serve to take attendance as well as count 5% of the final grade.
- **There will be no makeup grades for the notes.** You will receive a zero if you miss turning in the notes because you are absent or tardy. The two lowest grades will be dropped.
- **The Notes will be ESSENTIAL to your success in this course.**
- There may be weekly group activities. Your score will be zero if you miss these activities.

**Classroom Behavior**
Distractive talking or any disorderly conduct is prohibited. Please be courteous of others. A warning will be given for behavior an instructor considers disruptive and if the warning is not heeded, the student will be asked to leave. See Student Code of Conduct for more details. **NO FOOD DURING LECTURES.**

**Cell Phone Use**
The use of cell phones or other similar devices is prohibited during class time. You are expected to turn OFF all such devices BEFORE entering the classroom. You may be asked to leave class if your cell phone causes you or others to be distracted in class; i.e. contact calls or texting.

**STEM CENTER**
The STEM Center, located in L137 and L139 provides assistance and resources free to students enrolled in mathematics and developmental mathematics classes at North Lake College. This is a great place to bring a study group, study quietly, get help with math classes, and use the center’s various resources.

Services offered:
- Tutorial services in all math courses taught at North Lake College
- Computers for use by students enrolled in courses that have an Internet component such as homework systems (i.e., MyLabsPlus, ConnectMath)
• Graphing calculators for use in the center
• Textbooks for use in the center
• A quiet area to study (Just ask one of the tutors)
• Opportunity for students to make up class absences
• Whiteboards space for study groups
• Content workshops covering how to use graphing calculators, course topics, review sessions, and study skills

Contact the STEM Center Manager (Math)

Hours of Operation
Monday – Thursday: 9 a.m. – 6 p.m.
Friday & Saturday: 9 a.m. – 2 p.m.
Manager: Camrunn Beck, Room L135, camrunn.beck@dcccd.edu

**Institutional Policies**
Institutional Policies Link
North Lake College Institutional Policies
Policies Link

**TSI Information**
TSI (Texas Success Initiative) is the state required assessment program that has replaced TASP. The purpose of TSI is to insure students have the skills to be ready for college level coursework. Dallas County Community College District is allowing students to decide when they will take their developmental coursework. Demonstrated proficiency in skills through completion of DMAT 0093 or a passing score on an assessment instrument is required to move to college level math classes. Students must earn an “A”, “B”, or “C” in their developmental class in order to move to the next developmental level or to a college level class.

Effective for Fall Semester 2005, the Dallas County Community Colleges will charge a higher tuition rate to students registering the third or subsequent time for a course. All third and subsequent attempts of the majority of credit and Continuing Education/Workforce Training courses will result in higher tuition to be charged. Developmental Studies and some other courses will not be charged a higher tuition rate. Third attempts include courses taken at any of the Dallas County Community Colleges since the Fall 2002 semester.

Enrollment in developmental courses is subject to other limitations. Students may enroll in a maximum of 27 hours of developmental courses.

For more information go to the DCCCD web site and click on “Paying for College” and then “Third Course Attempt.”

TSI completion of all areas (reading, math, and writing) is required before being awarded a degree. Based on the first testing score, some students may need to re-test in order to complete TSI requirements.
## Appendix I

### MATH 1314 Weekly Course Calendar – Fall 2019

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct 22</td>
<td>Course begins</td>
</tr>
<tr>
<td>Oct 28</td>
<td>Certification date</td>
</tr>
<tr>
<td>Nov 27</td>
<td>Drop date ~ last day to drop with a grade of W</td>
</tr>
<tr>
<td>Nov 28</td>
<td>Thanksgiving holiday</td>
</tr>
<tr>
<td>Dec 11</td>
<td>Last day of class - final exam taken in class</td>
</tr>
</tbody>
</table>

Before class begins

**eCampus Orientation:**
- Log into eCampus
- Carefully work through the START HERE section in eCampus
- Complete the “Getting Started Checklist” and work through all the folders in START HERE

<table>
<thead>
<tr>
<th>Week 1</th>
<th>Oct 23</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Syllabus and MLP</td>
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<table>
<thead>
<tr>
<th>Week 2</th>
<th>Oct 28, 30</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sec1.1 + 1.2 + 1.3 + 1.6</td>
</tr>
<tr>
<td></td>
<td><strong>Supplement: Domains</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Supplement: Graphing Piecewise Functions</strong></td>
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<tr>
<td></td>
<td><strong>FAQ: Slope of the Secant Line</strong></td>
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<tr>
<td></td>
<td>SLO 1 Quiz in MLP</td>
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<td></td>
<td>Mastery Test: Chapter 1 (MLP)</td>
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<tr>
<td></td>
<td>Sec 2.1 + 2.2 + 2.3 (MLP)</td>
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<table>
<thead>
<tr>
<th>Week 3</th>
<th>Nov 4, 6</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Section 2.4+2.5</td>
</tr>
<tr>
<td></td>
<td><strong>Supplement: Tests for Symmetry</strong></td>
</tr>
<tr>
<td></td>
<td>Mastery Test: Chapter 2 (MLP)</td>
</tr>
<tr>
<td></td>
<td>Section 3.1+3.2 + 3.3+3.4 (MLP)</td>
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<tr>
<td></td>
<td><strong>Supplement: Completing the Square or h = -b/(2a) You choose!</strong></td>
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</tbody>
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<thead>
<tr>
<th>Week 4</th>
<th>Nov 11, 13</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Section 3.4+3.5 (MLP)</td>
</tr>
<tr>
<td></td>
<td>Mastery Test: Chapter 3 (MLP)</td>
</tr>
<tr>
<td></td>
<td>Review for Midterm</td>
</tr>
<tr>
<td></td>
<td>Midterm Exam (Proctored Exam)</td>
</tr>
<tr>
<td></td>
<td>November 15</td>
</tr>
<tr>
<td></td>
<td>Section 4.1 + 4.2 + 4.3 (MLP)</td>
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</table>

<table>
<thead>
<tr>
<th>Week 5</th>
<th>Nov 18, 20</th>
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<tbody>
<tr>
<td></td>
<td>Section 4.4 + 4.5+ 4.6 (MLP)</td>
</tr>
<tr>
<td></td>
<td><strong>Supplements: Horizontal &amp; Vertical Asymptotes vs. Holes</strong></td>
</tr>
<tr>
<td></td>
<td><strong>FAQ – Section 4.4 &amp; 4.5 Example problem including calculator steps</strong></td>
</tr>
<tr>
<td></td>
<td><strong>FAQ: Graphing Rational Functions</strong></td>
</tr>
<tr>
<td></td>
<td>Mastery Test: Chapter 4 (MLP)</td>
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<tr>
<td></td>
<td>SLO Quiz 2 &amp; 3 (MLP) – Required</td>
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<tr>
<td></td>
<td>Section 5.1</td>
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<tr>
<td>Week 6</td>
<td>Nov 25, 27</td>
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<tr>
<td>-------------</td>
<td>-----------</td>
</tr>
<tr>
<td></td>
<td>• Section 5.2 + 5.3 + 5.4+5.5 (MLP)</td>
</tr>
<tr>
<td></td>
<td>• Last Day to Drop 10/3 ~ Talk to Instructor First!!</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week 7</th>
<th>Dec 2, 4</th>
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<tbody>
<tr>
<td></td>
<td>• Section 5.5 + 5.6 (MLP)</td>
</tr>
<tr>
<td></td>
<td>• Mastery Test: Chapter 5 (MLP)</td>
</tr>
<tr>
<td></td>
<td>• SLO Quiz 4 (MLP) – Required</td>
</tr>
<tr>
<td></td>
<td>• Section 6.3 (MLP)</td>
</tr>
<tr>
<td></td>
<td>• Focus on setup of systems and using matrices to solve the systems – Students will use rref calculator function to solve the matrix.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week 8</th>
<th>Dec 9, 11</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• SLO Quiz 5 (MLP) – Required</td>
</tr>
<tr>
<td></td>
<td>• Section 8.1 + 8.7 (MLP)</td>
</tr>
<tr>
<td></td>
<td>• Final review</td>
</tr>
<tr>
<td></td>
<td>• Final exam is December 11 (in class)</td>
</tr>
</tbody>
</table>