CLASS IDENTIFICATION
Title: College Algebra
Prefix / Section: Math 1420 2A
Credit Hours: 5
Class Begins/Ends: 3/10/16 – 5/24/16
Meeting Day/Time: Tuesday, Thursday 8:00 P.M. – 10:00 P.M.
No Class Days: None
Last Day To Withdraw: 5/10/16
Delivery Type: Computer Enhanced
Class Location: EVC 154
Lab Location: Math Center
Course MyLabsPlus Address: http://mccneb.mylabsplus.com

CONTACT INFORMATION
INSTRUCTOR NAME: Joseph Lee
OFFICE LOCATION: EVC 156
OFFICE TELEPHONE: 402-289-1356
FACSIMILE: 402-289-1423
OFFICE HOURS: Tuesday, Thursday 10:00 A.M. – 1:00 P.M.
EMAIL ADDRESS: jdlee3@mccneb.edu
FACULTY WEB SITE: faculty.mccneb.edu/jdlee3
ACADEMIC AREA: Mathematics

MyLabsPlus Tech Support 24 hours a day by phone: 1-888-883-1299
Email or Live Chat: http://247support.custhelp.com/

COURSE INFORMATION
Course Description:
This course covers advanced algebra topics that include: rational expressions; solving quadratic, rational, radical, and polynomial equations; relations and functions; quadratic and polynomial functions; systems of equations and inequalities; exponential and logarithmic functions; and matrices.

Course Prerequisites:
Within one year prior to beginning the course, either successful completion of Math1310 with a grade of “C” or better, placement via ACT, or MCC placement test.
Course Objectives:
Upon completion of this course each student will be able to:

1. Perform operations with rational expressions and rational exponents.
2. Solve linear, quadratic, rational, radical equations and equations reducible to quadratic form. Solve application problems using these types of equations. Solve linear, non-linear and absolute-value inequalities.
3. Graph functions by plotting points, using symmetry and translations. Determine and graph the inverse of a one-to-one function and write in standard form. Graph parabolas, circles, ellipses and hyperbolas.
4. Locate the zeros and graph both polynomial and rational functions.
5. Solve and graph exponential and logarithmic functions. Solve application problems requiring use of exponential and logarithmic equations.
6. Solve a system of linear equations using an augmented matrix.

Required & Supplemental Materials

Please do not open any shrink wrapped materials until your instructor verifies that they meet the class requirements. The textbook for this class is: “College Algebra” by Blitzer, 6th Edition, Pearson. You will be required to complete the Homework online using MyLabsPlus (MLP). Choose ONE of the following options for purchasing the required MLP access and text.

- Purchase MLP access at http://mccneb.mylabsplus.com. You may register at this site beginning on the first day of the quarter. This is the lowest cost option and provides access to the online textbook; it is not necessary to have a paper text.

- Purchase a bundle that includes both the MLP registration code and a three-hole binder ready text book in one package. This package will be available in the MCC bookstores. The ISBN for the COLLEGE ALGEBRA PKG bundle is ISBN-10: 1269438662; ISBN-13: 9781269438667

You can visit the online bookstore at: http://shop.efollett.com/htmlroot/storehome/metropolitancommunitycollege141.html

Note: While MLP access kits are available from non-MCC vendors, there is no way to verify if the code is valid for Metropolitan Community College's MLP site. Any purchase from another vendor is not recommended.

- **Notebook:** Each student should maintain a notebook with all workout problems done in MyLabsPlus.
- **Calculator:** A scientific calculator is required. Graphing calculators will not be allowed during tests.
- **Student Solution Manual:** Gives step-by-step solutions to odd problems of the textbook. You may also purchase the Student Solutions Manual if you wish at any Metro Bookstore. Optional

Note: The three hole unbounded text cannot be sold back to the book store. Any bound version of the text can be purchased back by the book store at the end of the quarter

Class Structure
The daily class will consist of:

1. review of material and questions from the previous class
2. presentation of new material
3. discussion of the lecture material
4. in-class time for practice quizzes and tests.
COURSE ASSESSMENT

Homework:
There is one homework assignment in MyLabsPlus for each required section of the textbook. Homework is worth 25% of your grade. No late homework assignments will be accepted.

Attendance:
Attendance is worth 5% of your grade. For each class period that you are absent, your attendance grade drops 10%. If you are not present for the entire class period, you will be counted absent. There is no penalty for the first absence.

Tests:
Five in-class, individually administered, closed book unit tests will be given. The five tests are worth 70% of your grade. A student who is absent on the original test date may take a make-up test; however, the make-up test will be different from the original and will incur a 10% penalty. A student may not make-up more than one test. There are no retakes on any tests.

Final Course Grade:
Grading scale:
- 90% and above: A
- 80% and above: B
- 70% and above: C
- 60% and above: D
- below 60%: F

The combined average of the tests and the final must be 60% or above to achieve a grade of C or above in the class.

ASSESSMENT OF STUDENT LEARNING PROGRAM:
Metropolitan Community College is committed to continuous improvement of teaching and learning. You may be asked to help us to accomplish this objective. For example, you may be asked to respond to surveys or questionnaires. In other cases, tests or assignments you are required to do for this course may be shared with faculty and used for assessment purposes.

INSTRUCTOR’S EXPECTATIONS OF STUDENTS

ATTENDANCE/PARTICIPATION POLICY:
Attendance for the entire class is required. The student is responsible for all work that is missed from being late or absent. The instructor will not re-teach the material. If you are not present for the entire class period, you will be counted absent.

Attendance/Participation Reporting: To confirm each student’s eligibility to remain registered for the class, the instructor will officially report attendance/participation on or before the Census Date. Students in this section of College Algebra must attend a class meeting by 3/23/16.

COMMUNICATION EXPECTATIONS:
When you communicate with others in this course, you must follow the Student Conduct Code (http://mccneb.smartcatalogiq.com/en/current/Course-Catalog/Student-Services/Student-Conduct), which calls for responsible and cooperative behavior. Please think critically, ask questions, and challenge ideas, but also show respect for the opinions of others, respond to them politely, and maintain the confidentiality of thoughts expressed in the class. You may also wish to review information at http://www.albion.com/netiquette/.html.
ACADEMIC HONESTY STATEMENT:
Students are reminded that materials they use as sources for class work may be subject to copyright protection. Additional information about copyright is provided on the library website at http://www.mccneb.edu/library or by your instructor. In response to incidents of student dishonesty (cheating, plagiarism, etc.), the College imposes specific actions that may include receiving a failing grade on a test, failure in the course, suspension from the College, or dismissal from the College. Disciplinary procedures are available in the Advising/Counseling Centers or at http://www.mccneb.edu/procedures/V-4_Student_Conduct_and_Discipline.pdf.

STUDENT WITHDRAWAL:
If you cannot participate in and complete this course, you are encouraged to contact your instructor and consult an MCC advisor, counselor, or the Financial Aid Office to evaluate the consequences of dropping the class. You can officially withdraw through My Services on the MCC My Way portal at https://myway.mccneb.edu/ or by calling Central Registration at 402-457-5231 or 1-800-228-9553. The last date to withdraw is noted in the CLASS IDENTIFICATION section of this syllabus.

LEARNING SUPPORT
MCC's Learning and Tutoring Centers, Math Centers, and Writing Centers offer friendly, supportive learning environments that can help students achieve educational success. Staff members in these centers provide free drop-in assistance with basic computing, reading, math, and writing skills. Self-paced, computer-assisted instructional support in reading, vocabulary, typing, English as a Second Language, and online course orientation is also available.

Detailed information about the Learning and Tutoring, Math, and Writing Centers is in the My Way portal, the College Catalog, and online at http://www.mccneb.edu/ltc/.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES: Metropolitan Community College will provide reasonable accommodations for persons with documented qualified disabilities. It is the student’s responsibility to request accommodations from Disability Support Services (DSS) located in each Student Services Office. After students have arranged for accommodations with DSS, the student and instructor should privately discuss these accommodations. For further information, please contact DSS or visit http://www.mccneb.edu/dss/.

NONDISCRIMINATION AND EQUAL OPPORTUNITY STATEMENT
Metropolitan Community College does not discriminate on the basis of race, color, national origin, religion, sex, marital status, age, disability or sexual orientation in admission or access to its programs and activities or in its treatment or hiring of employees.

TECHNOLOGY SUPPORT
For assistance with student email, passwords, and most other MCC technology, contact the Help Desk at 457-2900 or mcchelpdesk@mccneb.edu.

TECHNOLOGY RESOURCES:
By using the information technology systems at MCC (including the computer systems and phones), you acknowledge and consent to the conditions of use as set forth in the Metropolitan Community College Procedures Memorandum on Acceptable Use of Information Technology and Resources. It is your responsibility as a student to be familiar with these procedures. The full text of the Procedures Memorandum may be found at the following website: http://www.mccneb.edu/procedures/X-15_Technology_Resources_Use.pdf.
SCHEDULE OF ASSIGNMENTS:

This syllabus sets forth a tentative schedule of class topics, learning activities, and expected learning outcomes. The instructor reserves the right to modify this schedule to enhance learning for students. It is the student’s responsibility to contact the instructor to find out if the schedule has changed if a class is missed. Any modifications will not substantially change the intent or objectives of this course and will conform to the policies and guidelines of Metropolitan Community College.

<table>
<thead>
<tr>
<th>Date</th>
<th>Section</th>
<th>Due Dates in MyLabsPlus (MLP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/10</td>
<td>P.6</td>
<td>3/29 8pm</td>
</tr>
<tr>
<td>3/15</td>
<td>1.5</td>
<td>3/29 8pm</td>
</tr>
<tr>
<td></td>
<td>1.6</td>
<td>3/29 8pm</td>
</tr>
<tr>
<td>3/17</td>
<td>1.7</td>
<td>3/29 8pm</td>
</tr>
<tr>
<td>3/22</td>
<td>3.6</td>
<td>3/29 8pm</td>
</tr>
<tr>
<td></td>
<td>2.1</td>
<td>4/12 8pm</td>
</tr>
<tr>
<td>3/24</td>
<td>2.2</td>
<td>4/12 8pm</td>
</tr>
<tr>
<td>3/29</td>
<td><strong>Test 1</strong></td>
<td><strong>Sections P.6, 1.5, 1.6, 1.7, 3.6</strong></td>
</tr>
<tr>
<td>3/31</td>
<td>2.5</td>
<td>4/12 8pm</td>
</tr>
<tr>
<td></td>
<td>2.6</td>
<td>4/12 8pm</td>
</tr>
<tr>
<td>4/5</td>
<td>2.7</td>
<td>4/12 8pm</td>
</tr>
<tr>
<td>4/7</td>
<td>3.1</td>
<td>4/28 8pm</td>
</tr>
<tr>
<td>4/12</td>
<td><strong>Test 2</strong></td>
<td><strong>Sections 2.1 – 2.7</strong></td>
</tr>
<tr>
<td>4/14</td>
<td>3.2</td>
<td>4/28 8pm</td>
</tr>
<tr>
<td></td>
<td>3.3</td>
<td>4/28 8pm</td>
</tr>
<tr>
<td>4/19</td>
<td>3.4</td>
<td>4/28 8pm</td>
</tr>
<tr>
<td>4/21</td>
<td>3.5</td>
<td>4/28 8pm</td>
</tr>
<tr>
<td>4/26</td>
<td>4.1</td>
<td>5/12 8pm</td>
</tr>
<tr>
<td>4/28</td>
<td><strong>Test 3</strong></td>
<td><strong>Sections 3.1 – 3.5</strong></td>
</tr>
<tr>
<td>5/3</td>
<td>4.2</td>
<td>5/12 8pm</td>
</tr>
<tr>
<td></td>
<td>4.3</td>
<td>5/12 8pm</td>
</tr>
<tr>
<td>5/5</td>
<td>4.4</td>
<td>5/12 8pm</td>
</tr>
<tr>
<td></td>
<td>4.5</td>
<td>5/12 8pm</td>
</tr>
<tr>
<td>5/10</td>
<td>6.1</td>
<td>5/24 8pm</td>
</tr>
<tr>
<td></td>
<td>6.2</td>
<td>5/24 8pm</td>
</tr>
<tr>
<td></td>
<td>6.3</td>
<td>5/24 8pm</td>
</tr>
<tr>
<td>5/12</td>
<td><strong>Test 4</strong></td>
<td><strong>Sections 4.1 – 4.5</strong></td>
</tr>
<tr>
<td>5/17</td>
<td>2.8</td>
<td>5/24 8pm</td>
</tr>
<tr>
<td></td>
<td>7.1</td>
<td>5/24 8pm</td>
</tr>
<tr>
<td></td>
<td>7.2</td>
<td>5/24 8pm</td>
</tr>
<tr>
<td>5/19</td>
<td>5.4</td>
<td>5/24 8pm</td>
</tr>
<tr>
<td></td>
<td>5.5</td>
<td>5/24 8pm</td>
</tr>
<tr>
<td>5/24</td>
<td><strong>Test 5</strong></td>
<td><strong>Sections 6.1, 6.2, 6.3, 2.8, 7.1, 7.2, 5.4, 5.5</strong></td>
</tr>
</tbody>
</table>
2016 (15/SP) Spring Quarter Important Dates

Classes begin.......................................................... Mar 10 Th
★ Census Date/Tenth Day* date ......................................................... Mar 23 W
Student Withdrawal Deadline to “drop” a class without receiving a grade........ Varies by Class**
Student Withdrawal Deadline to “drop” a class with a refund varies........ See Refund Policy ★ ★
Spring Break/College Closed ................................................... Mar 26-27 Sa-Su
Winter quarter “I” incomplete grades are due .................................................. May 11 W
Classes end....................................................................................... May 25 W
Spring grades due and posted by 7:00 a.m. ................................................ May 31 Tu

Current Student (greater than 50 hours) Summer 2016 (16/SS) Registration begins....... Mar 18 F
Current Student (less than 50 hours) Summer 2016 (16/SS) Registration begins......... Mar 22 T
General Registration Summer 2016 (16/SS) Registration begins............................. Mar 24 Th

*Tenth Day is the date on which your enrollment level is checked.
**To view the last day to withdraw “drop” a class to prevent receiving a grade, go to the class schedule found online at https://catalog.mccneb.edu/Pages/Home.aspx then, find the course section and click on the Important Dates link on the same line as the course title. Dates for each course section are automatically calculated based on the start and end dates and the number of sessions for a course. A student must withdraw by this date to avoid an “F” grade.

Note: Schedule changes may have implications for students on Financial Aid. Check with the Financial Aid Office prior to any schedule changes at 402-457-2330. The Census Date ★ is the date on which Financial Aid Student’s enrollment is checked to determine the type and amount of authorized funds for the quarter. Payment is based on enrollment as of that date.

★★ REFUND POLICY for Credit Courses

A student is responsible for withdrawing “dropping” from a course(s) if unable to attend. Non-attendance or non-payment does not relieve a student from the obligation to pay.

An official schedule change that reduces or terminates a student’s academic credit load may entitle the student to a refund. Go to “My Services” and click “Student Accounts”, then “Tuition Refund Modeler” to see the refund percentage received through midnight of the same day you “drop” withdraw from a class.