

Math 1314.W1C
College Algebra – Web Based
Midwinter 2014-2015
12/16/14– 01/06/2015

Instructor: Debra Lackey
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Class : mymathlab

Office Hours	
Campus Office Hours:	
Online Office Hours:	YOU MAY CONTACT ME BY EMAIL.

Welcome to college algebra! This course information will tell you about the course. Almost all of your questions can be answered by reading this sheet. If you still have questions after reading over this information, please contact me! I would be glad to clarify anything for you! Good luck!

Course Description

MATH 1314 College Algebra (27.0101.5419) (3-0) 3 hours
Includes in depth study and applications of polynomial, rational, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability and conics may be included.

Institutional Core Objectives

- 1 Critical Thinking Skills
- 3 Empirical and Quantitative Skills

Learning Outcomes

Upon successful completion of this course, students will:

1. Demonstrate understanding and knowledge of properties of functions, which include domain and range, operations, compositions, and inverses.
2. Recognize and apply polynomial, rational, exponential, and logarithmic functions and solve related graphs.
3. Apply graphing techniques.
4. Evaluate all roots of higher degree polynomial and rational functions.
5. Recognize, solve and apply systems of linear equations using matrices.
6. Graph and recognize simple conics.
7. Demonstrate understanding of series and sequences and probability.

Required Materials

Required Software: MyMathLab

Course Code: lackey41613

Optional Textbook: *College Algebra* by Blitzer, 6th Edition

Materials: Scientific Calculator
Graphing paper (optional)

Technology

Online students must have a valid e-mail address to register for computer software. The email address that you use to register your software will be the email address to which I will send any information or announcements. Please check this account regularly. It is recommended that you use your Odessa College email address. Most work is done through the internet, so you need internet access. There will be a project to turn in to me that is not on the internet. If you do not have internet access, you may use the computers in the math lab.

Attendance:

Attendance is mandatory in order to succeed in this class.

Punctuality:

Be on time for class. Class will start on time.

Courteous:

Please be courteous. Be considerate of others.

Term Grade

Your term grade will be determined according to the following distribution:

	Homework	Quizzes	Exams 7-8	Final Exam
Percentage	10%	15%	50%	25%
Drops	0	0	0	0

Percentage (%)	Grade
89.5-100	A
79.5-89	B
69.5-79	C
59.5-69	D
Below 59.4	F

Homework

Homework will be assigned for each section. You have multiple chances to correct your homework.

Quizzes

Quizzes are under the test section. Please watch the due dates. You will have only one try on the quizzes.

Communication

Communication plays a vital role in an online student's success. Communication methods for this course include announcements, email and communication with your instructor. Any emails I receive will be answered within 2 business days. .

Exams

Exams are generally given at the end of each chapter. There are practice exams and I encourage you to take these prior to the due date to allow time for studying your mistakes. The suggestion completion dates are provided later in this document. If you do not take the final exam, you will receive an F in the course. **YOU MUST MAKE A 50 OR ABOVE ON THE FINAL. IF YOU DO NOT MAKE A 50 OR ABOVE, YOU WILL NOT PASS THE COURSE REGARDLESS OF YOUR AVERAGE.**

Tutoring

The Odessa College Student Success Coaches will help you stay focused and on track to complete your educational goals. If an instructor sees that you might need additional help or success coaching, he or she may submit a Retention Alert or a Starfish Alert. A Student Success Coach will contact you to work toward a solution.

Back-Up Plan

You must have a back-up plan for this course in case your primary computer fails during the semester. Please detail the location of the two computers in your student information sheet. The two computers should not be in the same building in case of an internet failure.

Student Email



Please access your [Odessa College Student E-mail](http://www.odessa.edu/gmail/), by following the link to either set up or update your account: <http://www.odessa.edu/gmail/>. **All assignments or correspondence will be submitted using your Odessa College email.**

The test dates are tentative.

Chapter	Suggested Date
1	12/19(Friday)
2	12/21(Sunday)
3	12/26(Friday)
4	12/30(Tuesday)
5,6	01/02 (Friday)
7,8	01/05(Monday)
Final	1/06 (Tuesday) by 7:00 PM

	Ch.	Category	Start 🕒	Due 🕒
<u>1</u>	1		12/07/14	12/19/14
<u>2</u>	1		12/07/14	12/19/14
<u>3</u>	1		12/07/14	12/19/14
<u>4</u>	2		12/08/14	12/21/14
<u>5</u>	2		12/08/14	12/21/14
6	2		12/08/14	12/21/14
<u>7</u>	2		12/08/14	12/21/14
<u>8</u>	2		12/08/14	12/21/14
9	2		12/08/14	12/21/14
<u>10</u>	2		12/08/14	12/21/14
<u>11</u>	2		12/08/14	12/21/14
<u>12</u>	2		12/08/14	12/21/14
<u>13</u>	3		12/11/14	12/26/14
<u>14</u>	3		12/11/14	12/26/14
<u>15</u>	3		12/11/14	12/26/14
<u>16</u>	3		12/11/14	12/26/14
<u>17</u>	3		12/11/14	12/26/14
<u>18</u>	3		12/11/14	12/26/14
<u>19</u>	3		12/11/14	12/26/14
<u>20</u>	3		12/11/14	12/26/14
<u>21</u>	3		12/11/14	12/26/14
<u>22</u>	4		12/17/14	12/30/14

23	4		12/17/14	12/30/14
24	4		12/17/14	12/30/14
25	4		12/17/14	12/30/14
26	4		12/17/14	12/30/14
27	4		12/17/14	12/30/14
28	4		12/17/14	12/30/14
29	4		12/17/14	12/30/14
30	5		12/19/14	01/02/15
31	5		12/19/14	01/02/15
32	5		12/19/14	01/02/15
33	6		12/19/14	01/02/15
34	6		12/19/14	01/02/15
35	6		12/19/14	01/02/15
36	6		12/19/14	01/02/15
37	6		12/19/14	01/02/15
38	6		12/19/14	01/02/15
39	5, 6		12/19/14	01/02/15
40	7		12/23/14	01/05/15
41	7		12/23/14	01/05/15
42	7		12/23/14	01/05/15
43	7		12/23/14	01/05/15
44	8		12/23/14	01/05/15
45	8		12/23/14	01/05/15
46	8		12/23/14	01/05/15
47	8		12/23/14	01/05/15
48	8		12/23/14	01/05/15

<u>49</u>	1-8		12/31/14 11:00pm	01/06/15 11:00am
<u>50</u>	2-8		01/06/15 8:30am	01/06/15 7:00pm

The review will not count as a grade!!!!