

**Math 1314.X1WB**  
**College Algebra – Web Based (Hybrid)**  
**Midwinter 2013-2014**  
**12/17/13 – 01/07/2014**

**Instructor:** Debra Lackey  
**Office:** ET 114  
**Phone:** 335-6360  
**E-mail:** dlackey@odessa.edu -- This is the best mode for contacting me.  
**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: lackey85985  
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:

	<b>Homework</b>	<b>Quizzes</b>	<b>Exams 7-8</b>	<b>Final Exam</b>
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. **If you do not make a 50 or above on the final, you will receive an F in the course.**

### **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
2	12/22(Sunday)
3	12/27 (Friday)
4	12/30(Monday)
5,6	01/02 (Thursday)
7,8	01/05(Sunday)
Final	1/07 (Tuesday) by 9:00 PM

Order	Ch.	Assignment Name	Category	Start 	Due 
<a href="#">1</a>	2	Section 2.1 Homework		12/10/13	12/22/13
<a href="#">2</a>	2	Section 2.2 Homework		12/10/13	12/22/13
<a href="#">3</a>	2	Section 2.3 Homework		12/10/13	12/22/13
<a href="#">4</a>	2	Chapter 2 Quiz sections 1-3		12/10/13	12/22/13
<a href="#">5</a>	2	Section 2.4 Homework		12/10/13	12/22/13
<a href="#">6</a>	2	Section 2.5 Homework		12/10/13	12/22/13
<a href="#">7</a>	2	Section 2.6 Homework		12/10/13	12/22/13
<a href="#">8</a>	2	Section 2.7 Homework		12/10/13	12/22/13
<a href="#">9</a>	2	Section 2.8 Homework		12/10/13	12/22/13
<a href="#">10</a>	2	Chapter 2 Quiz sections 4-8		12/10/13	12/22/13
<a href="#">11</a>	2	Chapter 2 Test		12/10/13	12/22/13
<a href="#">12</a>	3	Section 3.1 Homework		12/15/13	12/27/13
<a href="#">13</a>	3	Section 3.2 Homework		12/15/13	12/27/13
<a href="#">14</a>	3	Section 3.3 Homework		12/15/13	12/27/13
<a href="#">15</a>	3	Chapter 3 Quiz sections 1-3		12/15/13	12/27/13
<a href="#">16</a>	3	Section 3.4 Homework		12/15/13	12/27/13
<a href="#">17</a>	3	Chapter 3 Review Homework		12/15/13	12/27/13
<a href="#">18</a>	3	Section 3.5 Homework		12/15/13	12/27/13
<a href="#">19</a>	3	Chapter 3 Quiz sections 4-5		12/15/13	12/27/13
<a href="#">20</a>	3	Chapter 3 Test		12/15/13	12/27/13
<a href="#">21</a>	4	Section 4.1 Homework		12/19/13	12/30/13
<a href="#">22</a>	4	Section 4.2 Homework		12/19/13	12/30/13
<a href="#">23</a>	4	Chapter 4 Quiz sections 1, 2		12/19/13	12/30/13
<a href="#">24</a>	4	Section 4.3 Homework		12/19/13	12/30/13
<a href="#">25</a>	4	Section 4.4 Homework		12/19/13	12/30/13

<a href="#">26</a>	4	Chapter 4 Quiz sections 3, 4		12/19/13	12/30/13
<a href="#">27</a>	4	Section 4.5 Homework		12/19/13	12/30/13
<a href="#">28</a>	4	Chapter 4 Test		12/19/13	12/30/13
<a href="#">29</a>	5	Section 5.1 Homework		12/23/13	01/02/14
<a href="#">30</a>	5	Section 5.2 Homework		12/23/13	01/02/14
<a href="#">31</a>	5	Chapter 5 sections 1,2 Quiz		12/23/13	01/02/14
<a href="#">32</a>	6	Section 6.1 Homework		12/23/13	01/02/14
<a href="#">33</a>	6	Section 6.2 Homework		12/23/13	01/02/14
<a href="#">34</a>	6	Section 6.3 Homework		12/23/13	01/02/14
<a href="#">35</a>	6	Section 6.4 Homework		12/23/13	01/02/14
<a href="#">36</a>	6	Section 6.5 Homework		12/23/13	01/02/14
<a href="#">37</a>	6	Chapter 6 Quiz		12/23/13	01/02/14
<a href="#">38</a>	5, 6	Chapter 5, 6 Test		12/23/13	01/02/14
<a href="#">39</a>	7	Section 7.1 Homework		12/26/13	01/05/14
<a href="#">40</a>	7	Section 7.2 Homework		12/26/13	01/05/14
<a href="#">41</a>	7	Section 7.3 Homework		12/26/13	01/05/14
<a href="#">42</a>	7	Chapter 7 Quiz		12/26/13	01/05/14
<a href="#">43</a>	8	Section 8.1 Homework		12/26/13	01/05/14
<a href="#">44</a>	8	Section 8.2 Homework		12/26/13	01/05/14
<a href="#">45</a>	8	Section 8.3 Homework		12/26/13 11:00pm	01/05/14 10:59pm
<a href="#">46</a>	8	Section 8.6 Homework		12/26/13	01/05/14
<a href="#">47</a>	8	Section 8.7 Homework		12/26/13	01/05/14
<a href="#">48</a>	8	Chapter 8 Review Quiz		12/26/13	01/05/14
<a href="#">49</a>	8	Chapter 7,8 Post-Test		12/26/13	01/05/14
<a href="#">50</a>	1-8	FINAL EXAM REVIEW		01/02/14 11:00pm	01/07/14 11:00am
<a href="#">51</a>	2-8	FINAL EXAM		01/07/14 8:00am	01/07/14 9:00pm

