

**Math 1314.WB**  
**College Algebra – Web Based**  
**Summer II 2012**  
**07/09/12 – 08/09/12**

**Instructor:** Debra Lackey  
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**Class :** Web based instruction

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.

### **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.

SCANS 3, 8, 9, 11

### **Prerequisites/Co-requisites**

Prerequisite: MATH 0375 passed with a "C" or better, high school Algebra II, or an independent school district/OC dual enrolment form.

### **Required Materials**

Required Software: MyMathLab

Course ID: **lackey80228**

Textbook: College Algebra by Blitzer, 5th Edition, Pearson Prentice Hall Publishing Co.

### **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.

**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
79.5-89.5	B
69.5-79.5	C
59.5-69.5	D
Below 59	F

**Homework**

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

**Project or Activity**

There will be assigned a problem activity to be turned into me through email or your instructor. This problem should be written very neatly and completely solved. This activity will be graded as a quiz.

**Quizzes**

Quizzes are under the test section. Please watch carefully 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, discussion board, and communication with your instructor. Any emails I receive will be answered within 2 business days. You are required to participate in the discussion board. Idle chitchat and non-meaningful posts will not count as participation. Please start as soon as possible. You must be diligent with your assignments and work in order to be successful in a web class.

### **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.

### **Tutoring**

Tutoring is available through Developmental Studies and in the OC Math Lab. The hours for the math lab are Mon-Thurs 8:30 AM – 8:30 PM.

**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.

### **Special Needs**

Odessa College complies with Section 504 of the Vocational Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. If you have any special needs or issues pertaining to your access to and participation in this or any other class at Odessa College, please feel free to contact me to discuss your concerns. You may also call the Office of Disability services at 432-335-6861 to request assistance and accommodations.

### **Learning Resource Center (The Library)**

The Library, known as the Learning Resources Center, provides research assistance via the LRC's catalog (print books, videos, e-books) and databases (journal and magazine articles). Research guides covering specific subject areas, tutorials, and the "Ask a Librarian" service provide additional help.

### **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.**

### **Technical Support**

For Blackboard username and password help and for help accessing your online course availability and student email account contact the Student Success Center at 432-335-6878 or online at [https://www.odessa.edu/dept/ssc/helpdesk\\_form.htm](https://www.odessa.edu/dept/ssc/helpdesk_form.htm).

### Important School Policies

For information regarding student support services, academic dishonesty, disciplinary actions, special accommodations, or students' and instructors' right to academic freedom can be found in the Odessa College Student Handbook.

The test dates are tentative.

Chapter	Suggested Date
1	7/16
2	7/24
3	7/27
4	8/03
5,6	8/07
7,8	8/08
Final	8/09 (Thursday) by 5:00 PM

**The final exam is comprehensive and will be proctored. You must present a picture ID before taking the final exam. If you are an OC student, you will take your final exam in the OC Math lab. For all other students, please inform me as to where you will take your exam and who will be administering the test. Again, the final exam is comprehensive and will be due by 5:00 PM on August 09, 2012. There are no exceptions. You may bring one sheet of formulas or notes (front and back). This is for the final exam.**

### Summary of Assignments & Activities

<u>Order</u>	<u>Ch.</u>	<u>Item (name)</u>	<u>Type</u>	<u>Start</u>	<u>Due</u>
<u>1</u>	1	HW Section 1.1	HOMEWORK	07/02/12	07/17/12
<u>2</u>	1	HW Section 1.2	HOMEWORK	07/02/12	07/17/12
<u>3</u>	1	HW Section 1.3	HOMEWORK	07/02/12	07/17/12
<u>4</u>	1	Quiz #1 Chapter1 Sections 1,2,3	QUIZ	07/02/12	07/17/12
<u>5</u>	1	HW Section 1.4	HOMEWORK	07/02/12	07/17/12
<u>6</u>	1	HW Section 1.5	HOMEWORK	07/02/12	07/17/12
<u>7</u>	1	HW Section 1.6	HOMEWORK	07/02/12	07/17/12
<u>8</u>	1	HW Section 1.7	HOMEWORK	07/02/12	07/17/12
<u>9</u>	1	Quiz #2 Chapter1 sections 4,5,6,7	QUIZ	07/02/12	07/17/12
<u>10</u>	1	Chapter 1 Exam To Be Graded	TEST	07/17/12	07/16/12
<u>11</u>	2	HW Section 2.1	HOMEWORK	07/12/12	07/20/12
<u>12</u>	2	HW Section 2.2	HOMEWORK	07/12/12	07/20/12

<a href="#">13</a>	2	HW Section 2.3	HOMEWORK	07/12/12 07/20/12
<a href="#">14</a>	2	Quiz 3 - Chapter 2 Sections 1,2,3	QUIZ	07/12/12 07/20/12
<a href="#">15</a>	2	HW Section 2.4	HOMEWORK	07/12/12 07/20/12
<a href="#">16</a>	2	HW Section 2.5	HOMEWORK	07/12/12 07/20/12
<a href="#">17</a>	2	HW Section 2.6	HOMEWORK	07/12/12 07/20/12
<a href="#">18</a>	2	HW Section 2.7	HOMEWORK	07/12/12 07/20/12
<a href="#">19</a>	2	Quiz #4 Chapter 2 Sections 4,5,6,7	QUIZ	07/12/12 07/20/12
<a href="#">20</a>	2	HW Section 2.8	HOMEWORK	07/12/12 07/20/12
<a href="#">21</a>	2	Chapter 2 Exam To Be Graded	TEST	07/20/12 07/24/12
<a href="#">22</a>	3	HW Section 3.1	HOMEWORK	07/17/12 07/27/12
<a href="#">23</a>	3	HW Section 3.2	HOMEWORK	07/17/12 07/27/12
<a href="#">24</a>	3	HW Section 3.3	HOMEWORK	07/17/12 07/27/12
<a href="#">25</a>	3	HW Section 3.4	HOMEWORK	07/17/12 07/27/12
<a href="#">26</a>	3	HW Section 3.5	HOMEWORK	07/17/12 07/27/12
<a href="#">27</a>	3	Quiz #5 Chapter3	QUIZ	07/17/12 07/27/12
<a href="#">28</a>	3	Chapter 3 Exam To Be Graded	TEST	07/17/12 07/27/12
<a href="#">29</a>	4	HW Section 4.1	HOMEWORK	07/19/12 07/31/12
<a href="#">30</a>	4	HW Section 4.2	HOMEWORK	07/19/12 07/31/12
<a href="#">31</a>	4	Quiz # 6 Chapter 4	QUIZ	07/19/12 07/31/12
<a href="#">32</a>	4	HW Section 4.3	HOMEWORK	07/19/12 07/31/12
<a href="#">33</a>	4	HW Section 4.4	HOMEWORK	07/19/12 07/31/12
<a href="#">34</a>	4	Quiz # 7 Chapter4 sections 4,5,6	QUIZ	07/19/12 07/31/12
<a href="#">35</a>	4	Chapter 4 Exam To Be Graded	TEST	08/01/12 08/03/12
<a href="#">36</a>	5	HW Section 5.1	HOMEWORK	08/06/12 08/06/11
<a href="#">37</a>	5	HW Section 5.2	HOMEWORK	08/06/12 08/06/11
<a href="#">38</a>	5	HW Section 5.3	HOMEWORK	08/06/12 08/06/11
<a href="#">39</a>	5	Quiz #8 Chapter	QUIZ	08/06/12 08/06/11
<a href="#">40</a>	6	HW Section 6.1	HOMEWORK	08/06/12 08/06/11
<a href="#">41</a>	6	HW Section 6.2	HOMEWORK	08/06/12 08/06/11
<a href="#">42</a>	6	HW Section 6.3	HOMEWORK	08/06/12 08/06/11
<a href="#">43</a>	6	HW Section 6.4	HOMEWORK	08/06/12 08/06/11
<a href="#">44</a>	6	HW Section 6.6	HOMEWORK	08/06/12 08/06/11
<a href="#">45</a>	6	Quiz #9 Chapter 6	QUIZ	08/06/12 08/06/11
<a href="#">46</a>	5, 6	Chapter 5 / 6 Exam	TEST	08/04/12 08/06/12
		To Be Graded		
<a href="#">47</a>	8	HW SECTION 8.1	HOMEWORK	07/29/12 08/08/12
<a href="#">48</a>	8	HW Section 8.2 and 8.3	HOMEWORK	07/29/12 08/08/12
<a href="#">49</a>	8	HW Section 8.6	HOMEWORK	07/29/12 08/08/12
<a href="#">50</a>	8	HW Section 8.7	HOMEWORK	07/29/12 08/08/12
<a href="#">51</a>	8	Quiz #10 Chapter 8	QUIZ	07/29/12 08/08/12
<a href="#">52</a>	8	HW section 8.5	HOMEWORK	07/29/12 08/08/12
<a href="#">53</a>	8	TEST CHAPTER 8	TEST	08/07/12 08/08/12

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FINAL EXAM

FINAL

08/09/12 08/09/12  
5:00pm