Course Syllabus

Department   : Mathematics

Course Title   : College Algebra

Section Name : MATH_1314_WB

Start Date   : 01/18/2011

End Date   : 05/13/2011

Modality   : ONLINE

Credits   :

Instructor Information

Name   : Margaret Street

OC Email   : mstreet@odessa.edu

OC Phone # : (432) 335-6863

Course Description

MATH 1314 College Algebra (27.0101.5419) (3-0) 3 hours
Includes sets, complex numbers, quadratic and quadratic form equations, inequalities, functions, systems of equations and topics selected from exponential and logarithmic functions, matrices, determinants, binomial theorem, math induction and sequences and series. The student will learn to select appropriate mathematical techniques and technologies and use skills in information organizing, processing, planning and problem solving. The student should be able to probe for mathematical meaning and, perhaps, describe these meanings to others. Placement testing is available.

Prerequisites/Corequisites

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

Scans

SCANS 3, 8, 9, 11

Course Objectives

After completing this course, the student should be able to demonstrate competency in:
        1.0 Functions and graphs
        2.0 Polynomials and rational functions
        3.0 Exponential and logarithmic functions
        4.0 Systems of equations and matrices
        5.0 Conic sections
        6.0 Other topics in algebra

Required Software: MyMathLab(ISBN: 032119991X). All you really need is an access code for the course. It can be purchased at the bookstore in a student access kit for My Math Lab or you may purchase it online with a credit or debit card. NOTE: If you are repeating this course you may not have to purchase a new access code (see "How do I get started?" on Blackboard for details).
You will need a scientific or graphing calculator.

Optional Textbook: College Algebra fourth edition by Robert Blitzer.(ISBN-10:0132191415, ISBN-13:9780132191418). The textbook is included in the software in pdf form so you do not have to buy the text. However, it is available in the bookstore if you prefer to use the textbook.

You must have your **OC student e-mail address** to register the computer software. All work is done online, so you need internet access. High speed internet access such as DSL or cable is required. If you do not have internet access or if you have a problem with your computer, you may use the computers in the lab (ET 120).

Course Description
The course covers Chapter 1 through Chapter 6 in the Blitzer College Algebra book. Some sections have been omitted.
All graded work for this course will be done online using My Math Lab.
The chapter tests are online and may be taken on any computer with internet access and the necessary plug-ins.
The Final Exam is online but must be proctored. If you are an OC student you must take the final exam in ET 120 on the OC campus. If you are an OC Global or VCT student, you must make arrangements to take the final exam at a college or university testing center near you. You must take the Final Exam in order to receive credit for the course.
(You may use a scientific or graphing calculator when working the exercises or taking the tests.)

Course Format
COMMUNICATION (not graded)
Email: Most communication for the class will be done through email. You must use your OC student email address when you register in My Math Lab and every time you email me. If not, you may miss important messages from me or your email to me may go into my spam folder. I will answer your email within 48 hours after I receive it.

Announcements: Each time you log on to My Math Lab you will see the announcement page. Most communication will be done through email, but you should check for new announcements. Discussion board: Your first online assignment is to go to the discussion board in My Math Lab and introduce yourself to the class. You are not required to make any other posts to the discussion board, but I encourage you to use it to communicate with your classmates.

LECTURE/PRACTICE (not graded)

Online video lectures are available for the course and there are many tutorial exercises for each objective in the course. These are found by clicking on the Course Content button in My Math Lab. This will help you prepareto work the graded homework exercises and the chapter tests.

GRADED HOMEWORK (15% of your course grade)

Homework will be assigned for each section. These assignments are all online(click on Do Homework in My Math Lab). You must do the homework assignments in order. You must complete the graded exercises for each objective in each chapter. You are allowed three attempts on each problem.

CHAPTER TESTS (50% of your course grade)

There will be a chapter test at the end of each chapter. You may not take a test until you have completed all the homework for that chapter. These tests are also online and may be taken at home (click on Take Test in MyMath Lab). You are only allowed one attempt on each test. To help you prepare there are practice tests for each chapter. The tests are very similar to the practice tests. You may take each practice test 3 times.

FINAL EXAM (35% of your course grade)

The Final Exam will be comprehensive and proctored. **You must take the Final Exam in ET 120 on the OC campus or at a pre-approved testing center**. You will need a picture ID. You will be allowed one sheet of notebook paper for formulas, etc. while taking the Final Exam. **You must take the Final Exam to receive credit for this course**. You only get one attempt on the final exam. To help you prepare, there is a practice final that is very similar to the final.

TUTORING

If you need help, there are tutors available in room 120 of the Electronics Technology building on the Odessa College campus. The tutoring lab is open 8:00 am to 9:30 pm Monday through Thursday, 8:00am to 5:00 pm on Friday, and 1:00 pm to 5:00 pm on Saturday and Sunday. Internet access is available in the lab. If you have trouble with your computer at home you may come and work on the computers in the lab. You may also come to my office (ET 115) during office hours and get help from me.

DUE DATES

Due Dates for each chapter are listed on the Due Date's page on Blackboard and in the table below. I will review your test a day or two after the due date. At that time I may give you partial credit for some of the problems that the computer counted wrong. For example, if you forgot to close parenthesis, rounded incorrectly, etc., the computer will give no credit for the problem. When I review your test I will give you partial credit.

If you do not complete a test by the due date, you may still take the test, but I will not review it. All homework assignments and chapter tests will be available at My Math Lab until midnight on Sunday, May 8. The final exam is available until 9:00 pm on Monday, May 9. You will receive zeros for all assignments that are not completed by those times, no exceptions.

Required Readings/Materials

a) You must purchase the following *required* readings/materials:
Required Software: My MathLab (ISBN: 032119991X).

Course Requirements (Lectures, Assignments and Assessments)

The course will consist of homework assigned by section, five chapter tests, and a comprehensive final exam.

Summary of Assignments & Activities

Item	Type	Description	Due
HW 1.1	Homework	Homework for section 1.1	TBA
HW 1.2	Homework	Homework for section 1.2	TBA
HW 1.3	Homework	Homework for section 1.3	TBA
HW 1.4	Homework	Homework for section 1.4	TBA
HW 1.5	Homework	Homework for section 1.5	TBA
HW 1.6	Homework	Homework for section 1.6	TBA
Chapter 1 Test	Test	Chapter 1 Test	TBA
HW 2.1	Homework	Homework for section 2.1	TBA
HW 2.2	Homework	Homework for section 2.2	TBA
HW 2.3	Homework	Homework for section 2.3	TBA
HW 2.4	Homework	Homework for section 2.4	TBA
HW 2.5	Homework	Homework for section 2.5	TBA
HW 2.6	Homework	Homework for section 2.6	TBA
HW 2.7	Homework	Homework for section 2.7	TBA
HW 2.8	Homework	Homework for section 2.8	TBA
Chapter 2 Test	Test	Chapter 2 Test	TBA
HW 3.1	Homework	Homework for section 3.1	TBA
HW 3.2	Homework	Homework for section 3.2	TBA
HW 3.3	Homework	Homework for section 3.3	TBA
HW 3.4	Homework	Homework for section 3.4	TBA
HW 3.5	Homework	Homework for section 3.5	TBA
Chapter 3 Test	Test	Chapter 3 Test	TBA
HW 4.1	Homework	Homework for section 4.1	TBA
HW 4.2	Homework	Homework for section 4.2	TBA
HW 4.3	Homework	Homework for section 4.3	TBA
HW 4.4	Homework	Homework for section 4.4	TBA
Chapter 4 Test	Test	Chapter 4 Test	TBA
HW 5.1	Homework	Homework for section 5.1	TBA
HW 5.2	Homework	Homework for section 5.2	TBA
HW 6.1	Homework	Homework for section 6.1	TBA

HW 6.2	Homework	Homework for section 6.2	TBA
HW 6.3	Homework	Homework for section 6.3	TBA
HW 6.4	Homework	Homework for section 6.4	TBA
HW 6.5	Homework	Homework for section 6.5	TBA
Chapter 5 & 6 Test	Test	Chapter 5 & 6 Test	TBA
Final Exam	Final Exam	Comprehensive, proctored final exam	TBA

Grading Policy

GRADE
 Homework: 15%
 Tests: 50%
 Final Exam: 35%

You may check your grades in the online grade book at any time. This is useful in making sure that the assignment was turned in and graded.

Percentage %	Grade
90+	A
80-89.9	B
70-79.9	C
60-69.9	D
<60	F

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 (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 E-mail

Please access your Odessa College Student E-mail, 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.**

Student Portal

Please access your [Odessa College Student E-mail,](#) 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.

Important School Policies

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