College Algebra MATH 1314

Course Syllabus

Course Information
Instructor: Irene Baker
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My Skype name: irina93574
MyMathLab/CourseCompass: www.coursecompass.com
Office Tel. Number: 361-698-1574

Course Description (from catalog)
Fundamentals of algebra, including inequalities, functions, quadratic equations, exponential and logarithmic functions, systems of equations, determinants and instructor option of binomial theorem or progressions (or both). Prerequisite: Satisfactory score on college admission test or MATH 0372 (or MATH 0373). Assessment Levels: R3, E1, M3.

Prerequisite courses and skills
Satisfactory score on college admission test or MATH 0372 or MATH 0373. Perform operations on positive and negative real numbers; operations on polynomials; factoring polynomials; properties of exponents; solving linear and rational equations; solving polynomial equations by factoring; solving linear inequalities; reading graphs and plotting points; graphing linear equations, evaluate rational and radical expressions; understand the concept of a function.

Course Objectives/Learning Outcomes
It is assumed that students entering a College Algebra course will have competencies from prerequisite courses. Students will be expected to use appropriate technology as one tool to achieve the outcomes listed below:
1. Students will be able to model and solve real-world situations with quadratic expressions using a variety of methods, including, but not limited to, arithmetic, algebraic, geometric, higher-order thinking, or statistical methods.

2. Students will be able to represent and evaluate basic algebraic information by a variety of methods, including, but not limited to, verbal, numerical, graphical or symbolic.

3. Students will be able to develop convincing mathematical arguments using their mathematical reasoning skills and logic in order to solve algebraic problems.

4. Students will use appropriate technology to enhance their own mathematical thinking and understanding and to solve algebraic problems and judge the reasonableness of the results.

5. Students will be able to interpret algebraic models, such as formulas, graphs, tables or schematics, and draw inferences from them.

6. Students will be able to recognize the limitations of algebraic models.

7. Students will develop the view that algebra is an evolving discipline, interrelated with human culture, and understand its connections to other disciplines.

Technology Requirements
College Algebra online will utilize the “MyMthLab” computer program. This program is Internet based so Internet access is essential. See System Requirements
If you need any help go to MML IT Admin Support.

Required Textbook, Software and Supplementary Materials
Textbook. College Algebra by Lial, Hornsby, and Schneider (11th edition). This is your choice to buy a traditional textbook or to use the same textbook available online in MyMathLab, see below).

Graphing calculator is required.
MyMathLab (MML/Coursecompass). MML is paired with CourseCompass and contains your web-based online instruction system.
CourseCompass is the informational component and MyMathLab is the mathematics component. MyMathLab contains all the multimedia components of the course including the text, solutions to text problems, and lecture videos online.
Coursecompass Video Tours. (The Adobe Flash player is required)
MML Video Tour.

Registration and Enrollment in a Course
To register and enroll in MyMathLab/CourseCompass you will need
• Access Code
  o Purchase the Access Code in DMC bookstore either with your textbook (see above) or without textbook upon your choice. Follow up the link and learn how to enroll in MML.
  o Enroll without the Access Code purchasing it online.
  o Enroll in the Course if you were enrolled in other course with the same textbook. Follow up the link.
• Course ID: baker05424
• DMC zip code: 78404
Also see the Math Department Web Page to learn more about MML and enrollment in the course.

Technical Difficulties
If you encounter any technical difficulties working with MML/Coursecompass, please call 1-800-677-6337
Mon-Fri, 8am to 8pm
Sun, 5pm to 12am
(All times are Eastern Standard Time, U.S. and Canada)
Look for other Technical Support.

Note
The Instructor is not responsible for equipment failure on your part. “My computer is not working”, is not an excuse that will allow the Instructor to let you take the exam after the expiration date or have an extra opportunity to take an exam or quiz.

Course Format
Class work. In the class there will be a lecture given by the instructor and then students will be using MyMathLab software for practicing solving problems under the guidance of the instructor individually, in pairs or groups. Homework will be assigned after each class. HW will be given periodically and should be completed for the grade. HW assignments are due on the days stated in the Class Calendar. The Class calendar will be available after registration in MML. Students will use MML software to work on HW assignments.
Quizzes and Exams. Students will be assigned five Quizzes, Midterm and Final Exam during the Semester (see Class Calendar)

Note
Students can email the instructor with any questions which arise and can expect an answer within 48 hours since the date of an email.

Expectations of Student
The students are expected to:
- attend each class meeting; there are only 3 (three) unexcused absence allowed (no doctors note or other documentation) per semester. If student misses more than three class meeting, regardless of the current grade of the student, he or she may be dropped from the class by the instructor.
- be respectful to the instructor and the other students in class
- work all homework problems when they are assigned before the next class period
- take all quizzes on the scheduled test date
- not disrupt class by talking, entering late, leaving early, etc.
- do his, or her, own homework and not cheat
- read each section covered in textbook
- learn definitions, terminology and course vocabulary
- check emails periodically
- no food in the class
Please, see Del Mar College Student Handbook, Standards of Student Conduct

Grading Policy
Testing Procedures
Homework: HW will be assigned after each class period and have to be completed for the grade before the due time stated in the Class Calendar. To be successful in the class the students are highly recommended to work all homework problems when they are assigned before the next class period.
Quizzes: From now till the end of the semester, you will be given 5 quizzes (30 - 40 min each). All quizzes will be exams based on material covered since last quiz. The quizzes are computer based are taken by students at home. Students will be allowed to make-up or retake quizzes 1- 4 upon their choice at the end of semester.
You also can expect pop-up quizzes and earn up to extra 5% to your final overall score.
**Midterm and Final Exams:** Together they count 40% of your final grade. There no make-ups or retaking for the exams.
No notes, and textbook may be used at quizzes and exams. You may use a scientific and/or graphing calculator throughout the course (except when specified).

**Extra points.** You can earn up to four extra per cent to your final grade. The points will be assigned upon the class observation and the scores of pop up quizzes. For the dates of Quizzes, Review Sessions and Exams, please, see the Class Calendar. Class Calendar is available to the students after registration in MyMathLab.

**Note**
For more details see Class Calendar after enrolling in MML.

**Grading Procedure**
Course grades are measurements of the course objectives. They directly relate to the learning objectives stated above. Your course grade is based on your totals from the following:

<table>
<thead>
<tr>
<th>Homework / Quizzes</th>
<th>Tests</th>
<th>Total</th>
<th>Extra credits for class participation, and pop-up quizzes</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Homework – total 280 points or 28% (20 HWs x 14 points)</td>
<td>• Midterm Exam – 15% (150 points)</td>
<td>600 points = 60%</td>
<td>5%</td>
</tr>
<tr>
<td>• Quizzes – total 320 points or 32% (5 quizzes x 60 points each + Prerequisite Review Quiz and Syllabus Quiz 10 points each = 320 points)</td>
<td>• Final Exam – 25% (250 points)</td>
<td>400 points = 40%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 points = 100%</td>
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</tr>
</tbody>
</table>

*Class Participation* includes answering and asking questions during the semester and attendance.

**Grading Scale**
Your grade will be based on your total points earned using the following scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90-100 % = 900 - 1000 points</td>
</tr>
<tr>
<td>B</td>
<td>76-89% = 760 - 899 points</td>
</tr>
<tr>
<td>C</td>
<td>66 -75 % = 660 - 759 points</td>
</tr>
<tr>
<td>D</td>
<td>60-65 % = 600 - 659 points</td>
</tr>
<tr>
<td>F</td>
<td>0 - 59 % = 0 - 590 points</td>
</tr>
</tbody>
</table>

Decimals will be rounded to the nearest whole number.

**Student Support Services/Tutoring**
*The Math Learning Center (MLC)* is available to help students with their homework and preparation for tests. It is located in the Coles Classroom Building, Room 116, on the East Campus, tel. 698-1579. For the hours of operation, please see [MLC webpage](#).

*Tutor Center.* As a MyMathLab student, you can register for the Pearson Tutor Center at no additional cost: Call 1-800-435-4084 (5:00 PM - 12:00 AM EST, Sun-Thurs)

**Additional Resources**
- Look for Handouts and Workshops on MLC web page. More resources will be posted in MML.

**Dropout Policy**
Three unexcused absences are allowed during the semester. Students missing more than three classes without strong reason (doctor’s excuse, etc) will be dropped from the class without prior notice.

**Note**
Please, email to your instructor in case of force majeure (illness, family issues, etc.)

**Students with Disabilities**
To request disability accommodations contact Special Services in the Harvin Center room 188, or call 698-1298. Prior to granting disability accommodations in this course, the instructor must receive written verification of a student's eligibility for specific accommodations from the disability services staff at the home institution. It is the student's responsibility to initiate contact with their home institution's disability services staff and to follow the established procedures for having the accommodation notice sent to the instructor.

**MyMathLab Registration Details**
Go to Math Department Web Page and learn about the details how to register in MML.

**Notes**
1. If necessary, the instructor reserves the right to make changes in the Class Calendar which is the integrated part of the Syllabus due to time constraints or other unforeseen events. If this is necessary, members of the class will be notified as soon as possible by E-mail.
2. The instructor is not responsible for any your personal computer or software problems.
3. Periodically check announcements on the MML Announcement page.
4. Technical problems with MyMathLab? Call Tech Support at 800-677-6337, Monday – Friday 8am – 8pm or Sunday 5pm – 12am EST