MATH 1428
College Algebra with Applications
3 credit hours

This is an information sheet only, not the course syllabus.

COURSE DESCRIPTION
The study of algebra with emphasis on applications. This course should not be taken by students planning to enroll in calculus. Topics include, but are not limited to, matrices, functions, conic sections, polynomials, exponential and logarithmic functions, and sequences and series. Prerequisite: Demonstrated geometry competency (level 2), and Mathematics 0482 or college equivalent with a grade or C or better or a qualifying score on the mathematics placement test or a qualifying A.C.T. math score. (3 lecture hours)

Instructor Note: ALL EXAMS ARE TO BE TAKEN IN PERSON AT COD’s TESTING LAB OR AN APPROVED PROCTORING SITE

REQUIRED AND RECOMMENDED COURSE MATERIALS
Please follow the instructions below to locate information on the textbook and other materials for this course.
1. From COD home page, click on myACCESS.
2. Click on Search for Credit Classes.
3. From the Term drop-down box select the term.
4. Choose your course from the Subjects drop-down menu.
5. In the Course # field, enter your course number.
6. In the Section field, enter the course section number if known.
7. From the Course Types drop-down menu select Internet/Online.
8. Scroll to the bottom of the page and click on SUBMIT.
9. Click on the Section Name and Title link.
10. Click on Click here for prices of required textbook(s) and supplies and course material information will be displayed.
Alternatively, you can visit the COD Bookstore website to find this information.

Graphing calculator
TI-83+/84+/84+C/84+ Silver Edition Graphing Calculator

MyMathLab Student Access Code
A MyMathLab student access code is required in order to complete homework assignments and take quizzes online.

Note:
1. The required text and MyMathLab student access code is available as a “bundle” in the COD bookstore.
2. Students can buy the text and the MyMathLab student access code separately. The student access code can be purchased online at www.coursecompass.com. Registration in MyMathLab also includes access to the complete PDF version of the text.
TECHNOLOGY REQUIREMENTS
Each student must have access to a “recent” multimedia computer with “up to date” software. The computer must be able to run various multimedia software packages, including (but not limited to) WMP and PDF. Additionally, each student must also have the ability to run those software packages, as well as “reasonable” internet abilities. Students are required to use the college’s email system. It is suggested that students check their email AT LEAST three times a week.

COURSE OUTLINE/EXPECTATIONS
The course is divided into four units. For each unit, students must complete homework assignments, take quizzes, and take a unit test.

It is expected that each student work about 10 to 15 hours a week on this course during a regular 16-week semester. These times double during an 8-week summer semester. Please make sure you can commit the time to this course before enrolling.

COURSE EVALUATION/GRADING
Homework assignments and quizzes are submitted online using MyMathLab. There are 4 Unit tests which are paper-pencil tests (NOT ONLINE) and must be taken in person at any of COD’s testing locations or at an approved testing location. All homework, quizzes, and unit tests must be submitted or taken before a specified deadline.

Grades are calculated using the percentage method, with the following weights assigned for each activity.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>20%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>20%</td>
</tr>
<tr>
<td>Unit Tests (4 @ 15%)</td>
<td>60%</td>
</tr>
</tbody>
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The final grade will be assigned using the table below.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>90% - 100%</td>
</tr>
<tr>
<td>B</td>
<td>80% - 89%</td>
</tr>
<tr>
<td>C</td>
<td>70% - 79%</td>
</tr>
<tr>
<td>D</td>
<td>60% - 69%</td>
</tr>
<tr>
<td>F</td>
<td>0% - 59%</td>
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SATISFACTORY/FAIL OPTION
The S/F grade option is available to students in this course. Contact the instructor or refer to the syllabus for details and conditions.

INCOMPLETE GRADE POLICY
The incomplete grade option is not available to students of this course.