MATH 1100
Business Mathematics
3 credit hours

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

COURSE DESCRIPTION
Applications of mathematics to business transactions. Analysis and solution of the business in profit and loss, interest, installment transactions, percent discounts, taxes and payroll. Prerequisite: Mathematics 0460 or college equivalent with a grade of C or better or a qualifying score on the mathematics placement test. (3 lecture hours)

Instructor Note: This course is not an IAI approved general education course. Solving word problems will be emphasized throughout the course.

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.

Required Website Access: My Math Lab access is required for this course. A new textbook should have a registration code for My Math Lab packaged with the textbook. However, you can purchase My Math Lab separately from their website at http://www.mymathlab.com/enrolling.html. This website will be used to view video lectures, complete homework, take quizzes and complete unit tests.

Calculator: A scientific calculator is recommended for this course.
COURSE OUTLINE

<table>
<thead>
<tr>
<th>Unit #</th>
<th>Chapters</th>
<th>Topics Covered</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Ch 1, 2, 3</td>
<td>Problem Solving, Operations with Fractions, Equations and Formulas, and Percents</td>
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<tr>
<td>2</td>
<td>Ch 6, 7</td>
<td>Payroll and Taxes</td>
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<tr>
<td>3</td>
<td>Ch 9, 10, 11.1</td>
<td>Mathematics of Buying, Mark up, and Mark down</td>
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<tr>
<td>4</td>
<td>Ch 12, 13, 14</td>
<td>Simple Interest, Notes and Bank Discounts, and Compounded Interest</td>
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<tr>
<td>5</td>
<td>Ch 15, 16</td>
<td>Annuities and Sinking Funds and Business and Consumer Loans</td>
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EVALUATION/GRADING

This course has been divided into 5 units that cover 11 chapters of your textbook. Each section of the textbook covered will have an online homework assignment due (approximately three to five each week). A quiz will be taken at the end of each chapter (approximately one each week). Exams will be taken at an approved testing center at the end of each unit. For a more detailed description of homework assignments, quizzes and exam, refer to the course syllabus and course information.

Grades are calculated using a percentage method. Homework is worth 15% of your course grade. Quizzes are worth 25% of your course grade. Tests are worth the highest percentage, 60% of your course grade.

SATISFACTORY/FAIL OPTION

The S/F grade option is not available to students in this course.

INCOMPLETE GRADE POLICY

The Incomplete grade option is not available to students in this course.