



# Wayne County Community College District

## COURSE SYLLABUS

### MAT 110 Business Mathematics

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**CREDIT HOURS:** 3.00

**CONTACT HOURS:** 45.00

**COURSE DESCRIPTION:**

This course covers solving problems relating to bank and sales records, percentages in business, financial charges and statements, payrolls and taxes, insurance, bonds, stocks and annuities.

**PREREQUISITES:** *MAT 100 or MAT 105*

**EXPECTED COMPETENCIES:**

*Upon successful completion of this course, the student will:*

1. Bank services
2. Payroll (gross earnings, deductions)
3. Buying (invoices, discounts)
4. Selling (cost, markup, markdown)
5. Simple interest
6. Compound interest
7. Business and Consumer loans (optional)

**ASSESSMENT METHODS:**

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

**GRADING SCALE:**

90%-100% = A  
80%-89.9% = B  
70%-79.9% = C  
60%-69.9% = D  
<60% = E