<table>
<thead>
<tr>
<th>COURSE TITLE:</th>
<th>COURSE NUMBER:</th>
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<tbody>
<tr>
<td>Developmental Mathematics</td>
<td>MAT 0002</td>
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</table>

**COURSE DESCRIPTION:**
This course is designed as a self-paced course for the student who needs to strengthen skills and understanding of the concepts of arithmetic and elementary algebra. Topics include fractions, decimals, percents, ratio and proportion, integers, solving simple equations, and exponents. This course is not open to anyone who has previously completed any other college mathematics course. Students will be enrolled in this course by vertical transfer from MAT 0024 or by a CPT score between 20-30. A grade of “C” or higher must be earned in the course or consent of department is needed to advance to the next higher mathematics course which is MAT 0024. This course does not meet general education requirements in mathematics. 5 noncredit semester hours. [P]

**PREREQUISITES:**
None

**NAME(S) OF INSTRUCTOR:**
Angela V. Tyler  
Building A – Room 149  
Phone: 850-718-2457  
Fax: 850-718-2357  
e-mail: tylera@chipola.edu

**DATE OF LATEST REVISION:**
Fall, 2006

**REQUIRED TEXTBOOKS:**
Various workbooks, textbooks, computer assisted instruction, and videotapes supplied by the Success Center. Examples: PACE Decimals, Fractions Package, PACE Algebra Skills, and Key to Algebra.

**GRADING POLICIES:**
The standing of a student in each course is expressed by one of the following letters and corresponding grading system:
A – 100 – 93  
B – 92 – 83  
C – 82 – 70  
D – 69 – 60  
F – 59 or less
In accordance with this scale, each instructor will specify her method of determining grades. The following chart may be used to indicate the value of different grades:

**Daily work** ................. 50%
**Final** ......................... 25%
**Attendance** ................. 25%

The Chipola Catalog provides specific information regarding other outcomes from the grading system. A student’s Grade Point Average is derived from the grading system/quality point scale.

**DISCIPLINE-SPECIFIC MATHEMATICS COMPETENCIES / LEARNING OUTCOMES:**

The General Education discipline-specific competencies in Area 3 –Mathematics are listed below.

The student will be able to:

M-1 Apply arithmetic, algebraic, geometric, and higher-order thinking skills to modeling and solving real-world situations.

M-2 Represent and evaluate basic mathematical information verbally, numerically, graphically, and symbolically.

M-3. Expand mathematical reasoning skills to develop convincing mathematical arguments.

M-4 Use appropriate technology to enhance mathematical thinking and understanding and to solve mathematical problems and judge the reasonableness of the results.

M-5 Interpret mathematical models such as formulas, graphs, tables and schematics, and draw inferences from them.

M-6 Develop the view that mathematics is an evolving discipline, interrelated with human culture, and understand its connections to other disciplines.

**MAT 0002 is not a General Education core course and therefore a student in MAT 0002 will demonstrate selected learning outcomes from this list.**

**STUDENT LEARNING OUTCOMES/OBJECTIVES FOR MAT 0002**

See chart, last page.
MEANS OF ACCOMPLISHING OUTCOMES:
Individualized instruction with instructor assistance as needed.

LIBRARY AND ON-LINE REFERENCE MATERIALS:
The library is a comprehensive, learning resource center providing information in print, electronic, and multimedia format to support the educational objectives of the College. In addition to print media, online catalogs and resources can be accessed through www.linccweb.org and www.netlibrary.com. Library hours are posted each semester at the building entrance.

Chipola’s website is located at www.chipola.edu.

See your First Day Handout for individual instructor recommendations and resources.

TECHNOLOGY RESOURCES:
The Information Technology Center, located in the library, is equipped with computer workstations. Lab hours are posted each semester at the building entrance.

ASSIGNMENT SCHEDULE:

Students will receive the first day of class.

ATTENDANCE AND WITHDRAWAL POLICIES:

Chipola College expects regular attendance of all students. Students who are absent from classes for any reason other than official college activities must satisfy the instructor concerned that the absence was due to illness or other clearly unavoidable reasons. Otherwise, the student may suffer grade loss at the discretion of the instructor.

Chipola policy allows each instructor to specify in the course handout the attendance policy. It also allows the instructor to decide whether or not an absence is excusable and what effect the absence or tardy may have on the grade.

A student is allowed to repeat a course a maximum of three (3) times. On the third attempt a student (1) must bear the full cost of instruction, (2) cannot withdraw, and (3) must receive a grade.

See your First Day Handout for individual instructor or department-specific attendance and withdrawal policy.

MAKE-UP POLICY:
Chipola allows each instructor to specify in the instructor handout the makeup policy.

See your First Day Handout for individual instructor or department-specific attendance and withdrawal policy.

**ACADEMIC HONOR CODE POLICY:**

Students are expected to uphold the Academic Honor Code. Chipola College’s Honor Code is based on the premise that each student has the responsibility to:

1) uphold the highest standards of academic honesty in his/her own work;
2) refuse to tolerate academic dishonesty in the college community; and
3) foster a high sense of honor and social responsibility on the part of students.

Further information regarding the Academic Honor Code may be found in the Chipola Catalog, Student Governance section.

**STUDENTS WITH DISABILITIES POLICY:**

Chipola College is committed to making all programs and facilities accessible to anyone with a disability. Chipola’s goal is for students to obtain maximum benefit from their educational experience and to effectively transition into the college environment.

Students with disabilities are requested to voluntarily contact the Office of Students with Disabilities to complete the intake process and determine their eligibility for reasonable accommodations.

**LINKING COURSE-LEVEL OUTCOMES WITH DISCIPLINE-SPECIFIC COMPETENCIES AND ASSESSMENT METHODS**

<table>
<thead>
<tr>
<th>COURSE-LEVEL STUDENT LEARNING OUTCOMES FOR MAT 0002 The student will:</th>
<th>COLLEGE-LEVEL DISCIPLINE-SPECIFIC GENERAL EDUCATION COMPETENCIES</th>
<th>ASSESSMENT METHODS USED BY FACULTY**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add, subtract, multiply and divide decimals</td>
<td>M-2</td>
<td>MA, MT, CF</td>
</tr>
<tr>
<td>Add, subtract, multiply and divide fractions</td>
<td>M-2</td>
<td>MA, MT, CF</td>
</tr>
<tr>
<td>Perform operations with percentages</td>
<td>M-2</td>
<td>MA, MT, CF</td>
</tr>
<tr>
<td>Perform operations with integers</td>
<td>M-2</td>
<td>MA, MT, CF</td>
</tr>
<tr>
<td>Apply the order of operations to expressions</td>
<td>M-2</td>
<td>MA, MT, CF</td>
</tr>
<tr>
<td>Simplify exponential expressions</td>
<td>M-2</td>
<td>MA, MT, CF</td>
</tr>
<tr>
<td>Solve algebraic equations</td>
<td>M-2</td>
<td>MA, MT, CF</td>
</tr>
<tr>
<td>Add, subtract, and multiply simple polynomials</td>
<td>M-2</td>
<td>MA, MT, CF</td>
</tr>
<tr>
<td>Factor simple polynomials</td>
<td>M-2</td>
<td>MA, MT, CF</td>
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**Assessment Codes**

| MA – Module Assignments | MT – Module Test | CF – Cumulative Final |

For a list of Chipola’s College-Level Competencies, see [www.chipola.edu](http://www.chipola.edu).
Withdrawal Policy

A student may withdraw from a course prior to the deadline for withdrawing which is listed in the college catalog and the college class schedule. A student who has missed too many classes or who is making unsatisfactory progress in the course can withdraw and receive a “W” mark for the course. It is the student’s responsibility to obtain the necessary request form from the Registrar’s Office for withdrawing from a class, to obtain signatures for completing it, and to turn it in to the Registrar’s Office before the deadline. It is advisable to check later to ensure that the withdrawal has been processed.

Note: In 1997, the Florida Legislature passed a House Bill 1545 which requires that students who have enrolled more than two times in the same college preparatory (non-credit) course must pay fees at 100% of the full cost of instruction. The full cost of instruction is the same as the non-resident tuition fee. All Florida community colleges and state universities are required to begin “counting” attempts beginning in the fall term 1997. An “attempt” is any course, which remains on the student’s class schedule past the published drop/add date for any academic term. When a student withdraws from a class, the withdrawal counts as an attempt; therefore, if a student enrolls in the same college preparatory course more than one time, he will pay the non-resident tuition fee. A student is allowed to repeat a course a maximum of three (3) times. On the third attempt, a student cannot withdraw; he must receive a grade. After the third attempt at college preparatory classes, a student cannot continue in college-credit courses.

I have read and fully understand the attendance, tardiness, and withdrawal policies of Chipola College.

__________________________________________  __________________________
Student’s Signature                                                               Date