MAT 099 - INTERMEDIATE ALGEBRA - Syllabus – Spring Semester, 2010

AMERICANS WITH DISABILITIES ACT:
Delta State adheres to the requirements of the Americans with Disabilities Act. Any student who desires accommodation under this Act due to a disability should contact Dr. Richard Houston in the Office of Disability Services at 846-4690.

ATTENDANCE POLICY:
- Being in math class for the entire period every day is directly related to doing well in mathematics. For classes that meet two days a week, students are allowed a maximum of four (4) absences, excused and unexcused combined. A student, who has more than the allowed number of absences, automatically earns a grade of “F” in the course. Absences will begin to accrue the first official day that this class meets, regardless of when you actually enroll in the class. A student who is more than ten (10) minutes late or leaves the classroom for more than ten (10) minutes earns an absence.
- If a student is tardy for class, it is the student’s responsibility to see that the absence is changed to a tardy on the day that the tardy occurs. Three tardies will count as one absence.
- Perfect attendance will be rewarded at the end of the semester. Two points will be added to your final semester average if you have no absences, excused or unexcused, and one point will be added if you have only one absence, excused or unexcused.

COMPUTER PROBLEMS:
This course will be taught with the use of computers. Any questions regarding computer problems such as Internet access should be directed to the OIT Helpdesk (846-4444). Problems involving the software should first be taken to Hawkes (support@hawkeslearning.com) and then to your instructor if the problems are not fixed. Remember – your instructor is not a computer expert. Your instructor is there to help you with the algebra.

COURSE DESIGNATION:
- MAT 099 serves as the prerequisite to MAT 103 or MAT 104 for students who do not have two years credit in high school algebra. In addition, the Mississippi Board of State Institutions of Higher Learning (IHL) requires that all entering freshmen with an ACT math sub-score of 16 or below take MAT 099 during their first semester at an IHL university.
- This course does not satisfy any degree requirements; however, a failing grade in MAT 099 will be included when computing the student’s GPA with regards to academic and financial aid probation or suspension. Although no hourly credit is earned in 099 classes, the hours are considered when determining full-time status for students.
- Any student receiving an F in MAT 099 will automatically be registered for MAT 099 for the next regular term of classes. If a student who has pre-registered for MAT 103 or MAT 104 fails MAT 099, the student will be dropped from the class roll of the upper level math and reinstated in MAT 099.

ELECTRONIC DEVICES:
All electronic equipment should be turned off and put away during both class and lab sessions. Use of any electronic equipment not approved by your instructor during a test will be considered cheating and appropriate action will be taken.

GENERAL OBJECTIVES:
Upon completion of the course, the student will be able to
1. find the sum, difference, product, and quotient of any two real numbers,
2. evaluate, simplify and perform operations with algebraic expressions,
3. perform operations with polynomials and solve linear equations and inequalities and their applications
4. solve absolute value equations and their applications,
5. factor polynomials and solve quadratic equations and their applications.,
6. simplify radical expressions and solve equations involving radicals,
7. find the slope and equations of lines and sketch their graphs.

GRADES:
The cumulative point total for the homework/lab, tests, and the final examination is 600 points (100 homework/lab, 300 tests, and 200 final examination). The following point scale will be used to determine your final grade:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points Necessary for Grade</th>
<th>Percent Necessary for Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>555 – 600</td>
<td>93-100</td>
</tr>
<tr>
<td>B</td>
<td>510 – 554</td>
<td>85-92</td>
</tr>
<tr>
<td>C</td>
<td>460 – 509</td>
<td>77-84</td>
</tr>
<tr>
<td>D</td>
<td>420 – 459</td>
<td>70-76</td>
</tr>
<tr>
<td>F</td>
<td>below 420</td>
<td>0-69</td>
</tr>
</tbody>
</table>
HOMEWORK/LAB:
- Problems will be assigned to be done on the computer using the Hawkes software. A two-day grace period will be extended for software assignments with a 50% penalty attached to the late assignment. Homework will count 85 points.
- Data indicates that students who attend lab do better in their math courses. Therefore, 15 points will be earned in the mathematics computer lab (Walters 280) or in the Academic Support Lab (Union 311). A schedule for each of these labs is attached. Each student is required to spend one hour in the lab for 1 point credit. This hour is in addition to any time spent in the lab during class. All posted lab rules must be followed to receive credit.

HONESTY:
Cheating and plagiarism are not tolerated. If it is established that a violation has occurred, the instructor may determine the penalty, or he/she may report the offense to the department chair and dean of the school. The usual penalty involves a grade of zero on the test, examination or paper in question.

IMPORTANT DATES:
- January 26: Last day to change from credit/audit
- April 30: Last day to withdraw from a course with W/F
- January 27: Grades of W/F in effect
- May 6: Comprehensive Final exam at 3:00 p.m.

OFFICE HOURS:
Come to my office for help during scheduled office hours. No appointment is necessary. It is extremely important that you understand the day’s material and complete the homework assignments from each class meeting before we meet another class. If your class and/or work schedule conflicts with the office hours, please feel free to make an appointment for a time not listed.

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 - 5:00</td>
<td>3:00 - 5:00</td>
<td>3:00 - 6:00</td>
<td>10:40 - 12:10</td>
<td>10:40 - 12:10</td>
</tr>
</tbody>
</table>

TEACHER:
Dr. Leslie Horton
Email: lhorton@deltastate.edu
Walters 270-D
Office Phone: 846-4512

TESTS:
- There will be four (4) major tests during the semester. Each test will count 100 points. The test questions will be similar to the examples in the book and the homework problems. Tests will cover material from the lectures and software. The final examination is comprehensive and will count 200 points. The lowest test grade will be dropped.
- Any person who must miss a scheduled test due to an official university function must take the test BEFORE the assigned test time. Official documentation must be provided. There will be no make-up tests. Your first missed test will be your drop grade. Any other missed test will count as a zero.
- To receive full credit for a problem, students must show all work for the problem as well as arrive at a correct answer.

TEXT:
Intermediate Algebra, 5th Edition, by D. Franklin Wright
(Hawkes Learning Student Access Code is required)

TUTORING SERVICE:
- The Math Department provides free tutoring in Walters 280. A schedule will be posted.
- The Academic Support Lab, room 311 of the H. L. Nowell Union Building, also provides free tutoring. There are computers with headphones to accommodate the Hawkes Learning Systems software program. The attached handout lists the hours of operation as well as times the tutors are available. See or call Diane Blansett at 846-4654.

WITHDRAWAL:
- Students are required to maintain continuous enrollment in MAT 099 until a passing grade is obtained.
- Additionally, students who are in MAT 099 will not be allowed to withdraw from the class (unless they are completely withdrawing from school), nor will they be allowed to enroll in any additional math courses until a passing grade has been earned in the MAT 099.