FACULTY INFO:
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COURSE NUMBER, TITLE
MAT 099, Intermediate Algebra.

COURSE TEXT
D. Franklin Wright.   Intermediate Algebra.   Fifth Edition.   Hawkes Learning Systems/Quant Systems, Inc. 2011.
ISBN #: Student Textbook: 978-1-932628-43-2; Student Textbook and Software Bundle: 978-1-932628-48-7.

COURSE DESCRIPTION
MAT 099 serves as the prerequisite to MAT 103 or MAT 104 for students who do not have two years credit of high school algebra. The Mississippi Board of State Institutions of Higher Learning (IHL) requires that all entering freshmen with an ACT math subscore of 16 or below take MAT 099 during their first semester of enrollment at an IHL university. **Students are not allowed to withdraw from any 099 course unless that student is completely withdrawing from the university. Additionally, students are required to maintain continuous enrollment in all required 099 courses until the courses have been successfully completed**. That is, students are required to **pass** the 099 class prior to taking any additional courses in that subject area. 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 full-time status, academic and financial aid, probation or suspension. 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 preregistered for MAT 103 or MAT 104 and fails MAT 099, the student will be dropped from the class roll of the upper level math and reinstated in MAT 099.

GENERAL COURSE OBJECTIVES (GOALS)
Students will demonstrate active engagement in their learning experience by interacting with the Hawkes Learning Systems Course Management system software to demonstrate "Mastery" learning of the material in completing homework assignments, and to take quizzes and tests.

GENERAL EDUCATION COMPETENCIES
Students will demonstrate competency in:
GE 1. **Critical and Creative Thinking** – Developing sound analytical and reasoning skills and the ability to use them to think critically, solve problems, analyze logically and quantitatively, and effectively respond to change.
GE 2. **Communication** – Developing skills to communicate effectively through reading, writing, speaking, and listening.

SPECIFIC 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. Solve linear, quadratic and miscellaneous equations and their applications.
4. Solve linear inequalities.
5. Factor and perform operations with polynomials.
6. Simplify radical expressions and solve equations involving radicals.
7. Find the slope and equations of lines and sketch their graphs.

MAJOR STUDENT ACTIVITIES
1. Regular and punctual class attendance as determined by the regulations of the University and the Department.
2. Students must complete homework by due dates as assigned through the HLS software.
3. Students will take announced and unannounced quizzes in the math lab using the HLS software.
4. Students will take four pre-announced tests in the math lab during the semester.
5. Students must take a comprehensive final exam as scheduled at the end of the semester.

EVALUATION AND GRADING
1. Unannounced quizzes may be given throughout the semester (based on homework assignments).
2. Homework will count as 20% of your final grade. Homework (to be done on the computer using Hawkes Learning Systems software) must be done by the due date to get full credit.
   Late homework penalties will be assessed as follows:
   - 10% for homework 1day late;
   - 25% for homework 2-3 days late;
   - 50% for homework 4-5days late;
   - 100% for homework more than 5 days late.

3.   Four scheduled tests will be given during the semester.

Your **final grade** will be the **average of:**
1. the **homework grade**;
2. the **3 best scheduled test grades**; and
3. the **final exam** (all equally weighted).

Credit for computer lab attendance will be included in the homework grade.

There will be <u>No Extra Credit or "make-up"</u> work to improve your grade.

Grades will be assigned according to the following scale:
A (93 – 100)   B (85 – 92)   C (77 – 84)   D (70 – 76)   F (Below 70)

PRESENTATION METHODS
1. Lecture with demonstration 65%.
2. Learning by solving problems during class to include small group work 20%.
3. Class discussion and questions and answer period 15%.
4. Hawkes video and practice problems.

ACADEMIC HONESTY POLICY
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.

AMERICANS WITH DISABILITIES ACT
Delta State University is committed to a policy of equal employment and educational opportunity. Delta State University does not discriminate on the basis of race, color, religion, national origin, sex, age, disability, or veteran status. This policy extends to all programs and activities supported by the University. The Office of Disability Services is available for students who require academic accommodations due to any physical, psychological, or learning disability. Any student with a clinically diagnosed disability who desires accommodation under this Act should contact Dr. Richard Houston in the Office of Disability Services at 846-4690.

ADDITIONAL COURSE-SPECIFIC RULES, POLICIES, EXPECTATIONS
CLASSROOM POLICIES AND MAKE-UP TESTS
1. **Do NOT** go to **SLEEP in CLASS**!!!
2. Do not use tobacco or eat in the classroom.
3. Do **come to class on time** and be prepared to begin class at the scheduled time.
4. Do not ask to leave class early. Schedule all appointments at times that do not conflict with class time.
5. **Cell Phones and Pagers must be turned off during class**. Cell Phones may not be used as calculators.
6. Calculator use is permitted during all classes and tests.
7. **Take earphones and listening devices out of your ears upon entering the classroom.**
8. Scheduled tests will be announced about a week prior to the actual test dates.
9. Be sure to **show all work on tests**. No partial credit will be given if the work is not shown in detail.
     "Answers only" will not be accepted.
10. Come to my office for help during scheduled office hours. No appointment is necessary. It is extremely
    important that you understand the material and are able to complete the homework assignments for each
    class prior to the next class . Tutoring is also available in the Student Union room 302 B.
11. You must expect to practice assigned problems until you understand them. HLS is a good tool for this purpose.
12. **Make-up tests will be given only to those students presenting a written excuse**, acceptable by the university. <u>**Any absence from scheduled work must be covered by a written excuse by the Vice President for Academic Affairs, the Student Health Service, or a doctor before the student is allowed to make up that missed work**</u>. **All make-up work must be completed within three days of returning to class**.   Any exception to this rule must be arranged before the work is missed.
13. Buy a scientific calculator or graphing calculator early in the semester and learn how to use it. Do not
    expect me to know how to use your calculator without the manual. Please do not ask to borrow a
    calculator from me or one of your classmates on test day since rarely do two calculators operate exactly the same. BRING YOUR CALCULATOR TO CLASS EVERY DAY.

Students should log on to Hawkes daily to keep up with homework assignments and due dates.

Section 1.3 (Operations with Real Numbers)
Section 1.4 Linear Equations in One Variable
Section 1.5 (Evaluating and Solving Formulas)
Section 1.6 (Applications)
Section 1.7 (Solving Inequalities and Absolute Value Inequalities)
Section 4.1 (Exponents and Scientific Notation)
Test #1

Section 2.1 (Cartesian Coordinate System and Linear Equations: Ax + By = C)
Section 2.2 (Slope-intercept Form: $y = mx + b$ **)**

Section 2.3 (Point-slope Form: $y - y_1 = m(x - x_1)$ **)**

Test #2

Section 4.2 (Addition and Subtraction with Polynomials)
Section 4.3 (Multiplication with Polynomials)
Section 4.5 (Introduction to Factoring Polynomials)
Section 4.6 (Factoring Trinomials)
Section 4.7 (Special Factoring Techniques)
Section 4.8 (Polynomial Equations and Applications)
Test #3

Section 7.1 (Solving Quadratic Equations)
Section 7.2 (The Quadratic Formula)
Section 7.3 (Applications Quadratic Equations)
Section 7.5 (Graphing Quadratic Functions: Parabolas)
Test #4

Instructor: Dr. Lee I. Virden

Instructor's Office: Broom 255

Office Phone: 846-4511   **Instructor's e-mail address:** lvirden@deltastate.edu

Instructor's Office Hours:

Monday	Tuesday	Wednesday	Thursday	Friday
10:00 – 11:00 EW 358	10:45 – 11:45	10:00 – 11:00 EW 358	10:45 – 11:45	10:00 – 11:00 EW 358
1:30 – 2:45	1:30 – 2:45	1:30 – 2:45	1:30 – 2:45	

Other office hours are available by appointment.

Getting Started Using the Hawkes Learning System

Before Getting Started:

1.   Hawkes CourseID: DELTASTATEIMA
2.   Instructor Name: Lee Virden
3.   Course Section: MAT 099
NOTE: Do NOT purchase used software (from other students or online vendors). The software is licensed to the original purchaser only.

Step 1: Install the Software

Option 1- PC Users Only: Use the installation disks.
1.   Insert CD#1 in your computer and follow the directions in the Setup Wizard.
2.   When prompted for the Hawkes CourseID enter: DELTASTATEIMA
Option 2- PC or Mac Users: Download from Hawkes website.
1.   Go to hawkeslearning.com and select "Download the software".
2.   Choose the product to download.
3.   Select either Student Install for PCs or Student Install for Mac and then "Run".
4.   When prompted for the Hawkes CourseID enter: DELTASTATEIMA

Step 2: Get Your Access Code

1.   Go to hawkeslearning.com
2.   Click "Get Your Access Code"
3.   Select:
a.   Register: If you have already purchased your materials and need to register the license number on the yellow sticker
b.   Purchase: If you need to purchase an Access Code.
4.   Fill out the form with all of the necessary information.
5.   Select "Submit" to receive your personalized Access Code.
6.   Copy the Access Code as it will be necessary to type or paste the code into the software in STEP 3

Step 3: Enroll in your course

1.   Double click on the Hawkes Learning Systems icon from your desktop.
2.   Type or paste in your code and select "OK."
3.   <u>Save your Access Code</u> when prompted to a USB memory stick or to your computer for future use.
** Once the Access Code is saved, you will be able to use the "Load from file" option.
4.   Choose your instructor and section from the drop down menus. Select "Enroll".
You are now ready to complete assignments for this course!
TIP: Watch the Video Tour, located under the Help Menu, to learn more about the software.

Step 4: Complete Assignments

The Certify Mode is your assignment. Once you have completed a lesson, a certification code will appear. Save this code!

        If connected to internet, you will automatically receive credit in your instructor's grade book.

        If not connected to the internet, you will need to submit the code to the grade book:
        1.   Save the certification code to a memory stick
        2.   From a computer with internet access, go to course.hawkeslearning.com/DELTASTATEIMA
        3.   Select the Submit Certificate(s) tab
        4.   Browse to the location where the certification code was saved and click Submit Certificate
        ***Be sure to submit the certification code ON or BEFORE the due date to receive FULL credit

View Your Progress Report

Visit course.hawkeslearning.com/DELTASTATEIMA to find:

- Homework due dates
- Grade information
- Course materials
- Communication center

Questions? Visit hawkeslearning.com/support.