

MATH 121 - COLLEGE ALGEBRA
Syllabus – Spring, 2006

INSTRUCTOR: Elizabeth Harvey (esharvey@olemiss.edu)
Office: Hume 304

TEXT: *College Algebra*, by Paul Sisson
Hawkes Learning Systems: College Algebra software

TESTS:

1. There will be four (4) major tests during the semester. Each test will count 100 points. The test questions will be similar in format to the examples in the book and the homework problems. Tests will cover material from the lectures, software and textbook.
2. Homework will be assigned for each section of material covered in the book. The homework is 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. No software assignments will be accepted after the two-day grace period, for any reason. The homework assignments will count for a total of 100 points (there are actually 110 possible points).
3. The final examination is comprehensive and will count 200 points.
4. The lowest test grade will be dropped.

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

<u>Grade</u>	<u>Points Necessary for Grade</u>
A	540 - 600
B	480 - 539
C	420 - 479
D	360 - 419
F	below 360

ATTENDANCE POLICY: It is essential to attend every class in order to do well in mathematics. For classes that meet three days a week, students are allowed six (6) absences. For classes that meet one or two days a week, students are allowed four (4) absences. For each absence above the allowed limit, ten (10) points will be deducted from the student's final point total. **For students in a lab section: the mandatory lab time per week counts as one class meeting. If you do not attend lab for at least 75 minutes during a given week, it will be counted as one absence. A "week" starts on Monday and ends on Sunday. Please note that the Kinard lab is closed on the following Sundays: March 12, March 19, and April 16**

VERY IMPORTANT:

1. There will be absolutely NO make-up tests given for ANY reason. Your lowest test grade will be dropped, so your first missed test will be your drop test. Any test missed after the first one will count as a zero.
2. Any person who must miss a scheduled exam because of an official university function must reschedule with the instructor to take the exam at a time BEFORE the exam is scheduled to be given. NO OTHER rescheduling will be allowed. Official documentation must be provided.
3. Students must show all work for each test question and arrive at a correct answer.
4. An "I" grade will not be given without the permission of the Department of Mathematics.
5. If a student wishes to discuss the grading policy or the testing policy, or wishes to have any conversation regarding the instructor of the course, please make an appointment with the course supervisor in the Department of Mathematics.
6. Any student having three or more final examinations scheduled for the same day will arrange with the instructor to take the 12-noon examination or the 7:30 p.m. examination on some other mutually satisfactory date. Please note that only the 12:00 noon and the 7:30 p.m. examination may be rescheduled for this reason.
7. Every student must take the final exam at the time scheduled. The only exceptions are those students affected by # 2 or # 6 above. Check now to see when your final exam is scheduled.

Cheating: The following statement is the policy of the Department of Mathematics in Math 121 regarding cheating:

Offenses: Cheating on any exam, quiz, homework, work to be completed in class; theft, or attempted theft of exam questions; or possession of exam questions prior to the time for examination; shall all be offenses subject to appropriate penalties.

Penalties: The penalty for commission of any offense set out above is failure in the course and, subject to the approval of the Chancellor, dismissal or suspension from the university.

WITHDRAWAL DEADLINE FOR SPRING 2006 SEMESTER: Monday, February 27. After the course withdrawal deadline, courses dropped will be recorded on University records and the W grade will be recorded if the student is not failing the course at the time of withdrawal; otherwise, the grade recorded will be F. After the course withdrawal deadline, a student may drop a course only in cases of extreme and unavoidable emergencies as determined by the academic dean. Dropping a course after the deadline will not be permitted because of dissatisfaction over an expected grade or because the student has changed his or her major.

ACADEMIC NEEDS: It is the responsibility of any student with a disability who requests a reasonable accommodation to contact the Office of Student Disability Services (915-7128). Contact will then be made by that office through the student to the instructor of this class. The instructor will then be happy to work with the student so that a reasonable accommodation of any disability can be made.

CALCULATORS: Graphing calculators are welcome in our classroom. Please note, however, that calculators with a Computer Algebra System and/or a QWERTY keyboard are not allowed during tests. This includes, but is not limited to, the TI-89, the TI-92, the TI Voyage 200, and the Casio Algebra FX 2.0. Cell phones calculators are also prohibited.

COMPUTERS: This course will be taught with the use of computers. Any questions regarding problems such as internet access in the dorms should be directed to the IT Helpdesk at 662-915-5222. Problems involving the software should be directed to technical support at <http://www.hawkeslearning.com> (see the bottom of page 3 of this syllabus for more information.) Your instructor will answer what questions he or she can about the computer, but he or she is not a computer expert. Your instructor is there to help you with the mathematics.

ELECTRONIC DEVICES: All cellular phones, pagers, and other electronic equipment should be turned off and put away during the class period. Use of any electronic equipment not approved of by your instructor while taking a test will be considered cheating and appropriate action will be taken.

SPECIAL DATES:

Martin Luther King, Jr. Day: Monday, January 16

Spring Break: Monday, March 13 - Friday, March 17

Good Friday: April 14

Classes end: Friday, May 5

Kinard lab closed on the following Sundays: March 12, March 19, and April 16

Final Exams: Monday, May 8 - Friday, May 12

TEST DATES:

The date of your test is dependant on your class time. Your test will be given during your regular class time.

Test 1: Tuesday - Thursday, January 31, February 1, 2 covering sections 1.5, 1.4b, 2.1a, 2.2

Test 2: Tuesday - Thursday, February 21, 22, 23 covering sections 2.3, 2.4, 2.5, 2.6

Test 3: Tuesday - Thursday, March 28, 29, 30 covering sections 3.2, 3.3, 4.1, 4.2a, 4.5, A.1, A.2 (not 5.1 & 5.2)

Test 4: Tuesday - Thursday, April 25, 26, 27 covering sections 6.1, 8.1, 4.6, 7.1, 7.3, 7.4, 7.5

FINAL EXAM - covers all previous material

Examination Instructions:

Examinations should conclude in three hours unless otherwise specified by the instructor.

No examinations are to be given at times other than scheduled hours, either for an individual or for a class, unless the instructor has approval from the academic dean. Please check the time of your exam NOW and schedule all flights and trips as to be sure to be on campus at the time of the exam.

Student Getting Started Directions Math 121 ONLY

Purchase the software required by your instructor. Please note that once you open the package, the materials are **NOT** refundable.

The software is installed in Weir Hall and the Kinard Math Lab. You may also install the software at home, or on any other PC you have access to. This software is not compatible with Macintosh computers.

To Install the Software:

1. Place CD #1 in the CD-ROM drive. (CD #1 is the only CD needed for the installation.)
2. Double-click on the **My Computer** icon.
3. Double-click on the CD-ROM drive (has a picture of a CD-ROM disk).
4. Double-click on Setup.exe.
5. Follow the on-screen instructions.
6. You will be prompted for a **Course ID**.
 - **If you have internet access** – select “Yes, the Course ID is:” and enter **UMissCOL** in the box provided.
 - **If you do not have internet access** – select the option that says “No, I will not be accessing an online progress report from this computer.”

In order to use the software, you will need an Access Code.

To Get Your Access Code:

1. **If you have internet access**, double-click on the purple diamond icon on the Desktop (or go to Start, Programs, Hawkes Learning Systems). When prompted to enter an access code, click on the link that says [I need an access code...](#) to be directed to our website.
 - a. Fill out the form (including your 15-digit license number from the yellow sticker on the CD sleeve). Click on the submit button and your personalized access code will appear on the screen.
 - b. You will also receive an e-mail with the access code in the body of the text and as an attachment called “access.cod” which you should save to a floppy disk.
2. **If you do not have internet access**, you will need to go to a computer with internet access and go to www.hawkeslearning.com. Click on [get your access code](#) and follow steps **a.** and **b.** above.

TO CERTIFY (DO YOUR ASSIGNMENT IN THE SOFTWARE):

1. The **Certify** option is where you will complete your assignment.
2. After certifying, you will be given a certification code (this verifies that you completed your assignment). It is recommended that you print and/or save your certification code.
3. **a. If you have internet access**, you should receive a message that says your certificate has been submitted in your instructor’s gradebook. You are now done with that assignment! If you do not receive this message, follow the directions under “**b.**”
b. If you do not have internet access, you will need to manually submit your certification code on the internet to get credit for your assignment in your instructor’s gradebook. To do this,
 - Go to www.hawkeslearning.com/UMissCOL and log in using your access code.
 - Click the [Submit Certificate\(s\)](#) link.
 - If you saved your certification code to a file, click Browse to find your code and click Submit Certificate. If you have a paper copy of your certificate, click the Type or Paste tab, select the lesson you have certified in, type in your code and click Submit Certificate. You will need to perform these steps after you Certify to get credit for each of your assignments.

Be sure you submit your Certification Code ON or BEFORE the due date to get credit for the assignment. It is your responsibility to make sure that the certifications are being recorded in your progress report (and therefore in the instructor’s grade book).

If you experience problems with the software, contact Hawkes at <http://www.hawkeslearning.com>. Click on “Support Request” on the left side of the screen. Or you can call (843) 571-2825 from 8:30am - 5:30pm Eastern Time, Monday through Friday. You can also email them at techsupport@hawkeslearning.com.

You should be aware that both Norton (Symantec) and McAfee firewalls are preconfigured to automatically block access to unknown programs that attempt to connect to the internet. If this causes a problem with Hawkes on your personal computer, click on FAQ under “Students”, then choose the first question to download a how-to document to configure your firewall.

MATH 121 Suggested Practice Problems from the Textbook

TEST 1:

Section 1.5 Polynomials and Factoring 13-39; 43-54
Section 1.4b Properties of Radicals 39-47
Section 2.1a Linear Equations in One variable 1-11; 18-24; 26-31
Section 2.2 Linear Inequalities in One Variable 1-12; 22-33

TEST 2:

Section 2.3 Quadratic Equations in One Variable 1-12; 16-23; 25-30; 37-39
Section 2.4 Higher Degree Polynomial Equations 13, 15, 19-21
Section 2.5 Rational Expressions and Equations 1-6; 8-11; 13, 14,17; 19-22; 25-32 33-36
Section 2.6 Radical Equations 1, 5-7; 10, 13,14,16

TEST 3:

Section 3.2 Linear Equations in Two Variables 25-39
Section 3.3 Forms of Linear equations 1-24; 31-45
Section 4.1 Relations and Functions 39-50
Section 4.2a Linear and Quadratic Functions 16-30
Section 4.5 Combining Functions 1-8; 21-28
Section 5.1 Polynomial Inequalities 41-49 (Section A.1 in software)
Section 5.2 Polynomial Division 19-23; 39-42 (Section A.2 in software)

TEST 4:

Section 6.1 Rational Functions and Inequalities 1-10; 19-27; 49-55
Section 8.1 Systems of Equations 1-3; 9-12; 16-19
Section 4.6 Inverse Functions 25-32
Section 7.1 Exponential Functions 19-33
Section 7.3 Logarithmic Functions 13-26; 28-35
Section 7.4 Properties of Logarithms 1-6; 19-24
Section 7.5 Exponential and Logarithmic Equations 1-21