STUDENT INFORMATION PLAN
COLLEGE ALGEBRA - MATH 1314 IN
SPRING 2007

PLEASE READ ALL OF THIS VERY CAREFULLY.
IF YOU HAVE QUESTIONS, PLEASE ASK.

INSTRUCTOR: TAMMI LANSFORD
OFFICE HOURS:
MW: 10:00 am – 12:30 pm
TTH: 9:30 am – 11:00 am
F: 10:00 am – 11:00 am

OFFICE NUMBER: G119
PHONE NUMBER: 281-756-3706

E-MAIL: tlansford@alvincollege.edu

LEARNING LAB:
T: 1:00 pm – 2:00 pm

Text: College Algebra, 7th edition, Michael Sullivan. Make sure you purchase the text in the ACC bookstore specifically packaged for the internet course. Packaged with the text is a student access kit for online course materials in WebCT. The access code provided in the package (purple folder) is required for the course. MyMathLab is included in the package, but not required for the course. The ISBN for the text is 0131430920. The ISBN for the Student Access Kit is 0131524607.

Course Description: Topics of this course include a review of the fundamental concepts of algebra, which will be followed by a more intensive study of algebraic equations and inequalities, functions and graphs, graphs and zeros of polynomial functions, rational functions, exponential and logarithmic functions, systems of equations and inequalities, matrices and determinants, and sequences and series.

Web Access: All students will be able to access their WebCT (Web Course Tools) account as of January 11, 2007 (the first day of class) by noon. Every student who enrolls after this day will be added in by the next day by noon. If a student is having a problem, please contact the Distance Education Department at 281-756-3728 or de@alvincollege.edu.

How do I gain access?

1) Go to the ACC Homepage at www.alvincollege.edu
2) Click on “WebCT”
3) Make sure you click “check browser” to see if your computer is properly configured to use WebCT
4) Your username and password will be the following: 
   USERNAME: firstname.lastname 
   PASSWORD: alvincc
   NOTE: Please do not forget the period between the two words. If you have multiple last names (example: De Los Santos) these will be combined into one word. Hyphens will be left in as they are. Please check your fee statement to see how our system spells your name as this is what we base these accounts off of.
5) Click on “MATH 1314 – College Algebra – IN”
6) You will now be asked to okay a license agreement
7) You will now be asked to enter your access code from your student access kit
8) After successfully authenticating your access code, click “go to course”

You should now have access to the WebCT course.
**What will I do on WebCT?**

This is where you will complete seven online worksheets and a departmental end of course exam. The worksheets and the end of course exam are timed. They cannot be opened more than once. They must be completed once they are opened. Attached is the suggested timeline for the course. You may work (and are encouraged to do so!) ahead of the given schedule. The deadline for the completion of all seven worksheets and the end of course exam is Thursday, April 26, 2007.

**WebCT will also be our means of communication.** Please do not use e-mail to communicate with me. It is your responsibility to check your messages on a regular basis. Failure to do so may result in missing important information. I check my phone messages and messages on WebCT on a daily basis between Monday and Friday.

**MyMathLab®:** MyMathLab is included with the purchase of a textbook. It is a resource you may want to use. It is not required for the course. The Course ID for this course is **college 96290**. Step-by-step instructions for its use are included in the “Getting Started with MyMathLab & CourseCompass” booklet enclosed in the MyMathLab Student Access Kit.

**Learning Lab/Library:** The Learning Lab is available to students enrolled in MATH 1314. The Learning Lab has computers with text-specific software, CD Lecture Series (textbook-specific CD-ROMS containing short video clips of an instructor working key book examples), Student Solutions Manual (worked solutions to all odd-numbered exercises from the text and complete solutions for chapter review problems and chapter tests) and Instructor’s Resource Manual (contains complete step-by-step worked out solutions to all even-numbered exercises in the textbook). CD-ROMS may be checked out for 4 days (renewing the checkout is an option as long as there is no request on the waiting list). Tutoring is also offered to students enrolled in MATH 1314 during posted hours. I am in the Learning Lab for tutoring each Tuesday from 1:00 pm – 2:00 pm.

**Testing:** The midterm and final exams will be taken on the ACC or PCC campus (they are not online). The time limit for each exam is two hours. If you cannot take the exams at one of our campuses (for example, if you live out of state), then contact me to make other arrangements. The midterm and final will be proctored by an instructor, the PCC Library or the ACC Learning Lab. All other work will be completed online via WebCT. All grades will be posted on WebCT as soon as they are graded. **The last day to take the midterm and final exam in the Learning Lab is April 26, 2007. A ten point bonus will be added to your midterm grade if Worksheets I – IV and the midterm are completed by March 8, 2007.**

ACC: The midterm and final exams will be administered in the Learning Lab (A232). The exams will be available in the Learning Lab any time after the second week of class. I encourage you not to wait until the deadline to take these exams.

PCC: To take an exam at Pearland College Center, contact your instructor 72 hours before the desired test date. An appointment must be made (281-756-3900) at the PCC library.

*****See attached flyer for ACC Learning Lab testing procedures.*****

**Supplies for testing:** You will need a scientific calculator and a pencil for the midterm and final exam. A graphing calculator is recommended, but not required. You will not need scratch paper. You will not need a scantron sheet. Formulas from Chapter 8 (attached) will be provided with the final exam. Any other formulas needed must be memorized. **You may not use notes or the text during an exam.**

**End of Course Exam:** All students must complete an online departmental end of course exam. The exam consists of 10 questions and the time limit for the exam is 45 minutes. Objectives of the End of Course Exam are attached. The exam will represent 5% of your course average.

**ADA Compliance:** This college will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the policy of ACC to provide reasonable accommodations for qualified individuals who are students with disabilities. It is the student’s responsibility to contact the Counseling Center in a timely manner to arrange for appropriate accommodations.

**Academic Honesty is Assumed:** A student found guilty of scholastic dishonesty is subject to disciplinary action. Violations such as plagiarism, cheating on tests, and collusion are described in the ACC Student Handbook. Consequences are at the discretion of the instructor and range from receiving zero on the assignment/test to failing the course to expulsion from the College.

**Withdrawal:** Last day to withdraw from the course is **April 10, 2007 (7:00 pm)**. It is recommended that the student talk to the instructor before withdrawing. If a decision is made to withdraw, the appropriate form must be completed by the student and a counselor and turned in to the Records Office by the deadline. Failure to withdraw may result in a grade of F.
Timeline/Determination of Grade

PLEASE READ THIS CAREFULLY.

The timeline below reflects the suggested timeline for the course work.

The absolute deadline for all work is Thursday, April 26, 2007.

A ten point bonus will be added to your midterm exam grade if Worksheets I – IV and the midterm are completed by Thursday, March 8, 2007.

Please contact me early in the semester if you have questions. A misunderstanding late in the semester could have a negative result on your grade.
The following problems in the text should be worked before attempting the exams (3) and online worksheets (7). There will be no grade assigned to these problems. They are intended to prepare you for the worksheets and exams. If you master the skills required in the following problems, you will be prepared for the online worksheets, midterm exam, final exam, and departmental end of course exam. It is very important that you master these problems before attempting the online worksheets and/or exams.

Worksheet I (suggested deadline - no later than January 25)

§1.1 #25, 27, 35, 37, 41, 45, 49, 51, 53, 55, 57
§1.2 #15, 29, 31, 35, 41, 43, 55, 63
§1.3 #9, 13, 17, 19, 21, 23, 25, 27, 29, 33, 35, 37, 39, 47, 49, 53, 57, 67
§1.4 #11, 23, 25
§1.5 #3, 23, 25, 27, 29, 63, 71
§1.6 #11, 21, 35, 39, 41, 51, 53
§1.7 #21, 23, 29, 35, 37
Ch Review #1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 29, 31, 33, 35, 37, 39, 41

Worksheet II (suggested deadline - no later than February 1)

§2.1 #11, 19, 39
§2.2 #5, 15, 17, 19, 41
§2.3 #13, 23, 25, 27, 39
§2.4 #1, 13, 19, 37, 41, 59
§2.5 #27
Ch Review #1, 3, 9, 11, 13, 15, 17, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41

Worksheet III (suggested deadline - no later than February 15)

§3.1 #15 – 69 (odd), 73, 75, 79
§3.2 #9 – 27 (odd), 29(a) – (d), 31
§3.3 #11 – 31 (odd), 47 – 57 (odd)
§3.4 #9 – 16 (all), 17 – 25 (odd), 29 – 37 (odd), 41, 43
§3.5 #7 – 33 (odd), 37, 41, 51, 65, 67, 69, 73, 75
§3.6 #1, 7 (a) & (b), 15 (a) & (b), 19 (a) & (b), 21
Ch Review #1, 3, 9, 11, 15 – 35 (odd), 47, 51, 55, 59, 63, 65, 67, 69, 77

Worksheet IV (suggested deadline - no later than March 1)

§4.1 #11 – 25 (odd), 35, 37, 45, 49, 53, 55, 57, 59, 63, 69, 71, 73, 75, 77, 79 (a) – (c), 87 (a)
§4.2 #11 – 21 (odd), 45, 49, 51, 55, 57, 65, 69, 81, 83
§4.3 #11, 15, 19, 23, 27, 41, 43, 45, 47, 49, 51
§4.4 #7, 17, 25, 27, 33, 37
§4.5 #3, 7, 11, 15, 21, 33, 35, 51, 53, 55, 57
Ch Review #1, 7, 11, 15, 17, 19, 23, 25, 27, 33, 35, 41, 43, 45, 47, 49, 51, 55, 57, 63, 65, 117
### Worksheet V (suggested deadline - no later than March 29)

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<td>§5.5</td>
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<td>§5.6</td>
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<td>§5.7</td>
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### Worksheet VI (suggested deadline - no later than April 12)

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<td>§7.3</td>
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### Worksheet VII (suggested deadline - no later than April 19)

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<td>§8.3</td>
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<tr>
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**MATH 1314 End of Course Exam**  
*(Departmental exam on WebCT)*

Objectives tested:

1. Solve a quadratic equation using the quadratic formula.
2. Solve an absolute value inequality.
3. Determine the domain of a function.
4. Determine the real zeros of a polynomial function and the multiplicity of each. Be able to describe the behavior of the graph at each x-intercept.
5. Solve a stated problem involving a system of equations.
6. Given a system of equations in reduced row echelon form, determine if the system is dependent, independent or inconsistent.
7. Solve a stated problem an exponential equation.
8. Determine specific terms of a sequence.
9. Analyze the graph of a rational function. Be able to identify vertical asymptotes, horizontal asymptotes, oblique asymptotes, and holes. Be able to use a graphing calculator to graph a rational function.
10. Approximate logarithms using a calculator.