Math 1332-In Contemporary Mathematics I  
Fall 2006 Online

Instructor  Jennifer L. Hopkins  
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Office  G121  
Office hours  I am available online most days. Email me either within WebCT or externally at the above address and I will help you with your questions. Please allow me 24 hours to return your email Monday through Friday. If you email me over the weekend it will take me until Monday to get back with you.

M  9:00a – 10:00a & 11:00a – 11:30a  
Tu  9:30a – 11:30a & 1:30p – 2:30p & 6:00p – 6:30p  
W  9:00a – 10:00a & 11:00a – 11:30a  
Th  9:30a – 11:30a  
F  9:00a – 10:00a & 11:00a – 11:30a

Required Text  Using and Understanding Mathematics, 3rd ed; by Bennett and Briggs

Prohibited Calculators  TI-89, TI-91, TI-92, or any calculator with a QWERTY keyboard. Ask me if you are unsure your calculator will be permitted.

Grading formula  Quizzes (six total – 50 pts each) – 300 pts possible  
Research Paper – 200 pts possible  
Final Exam – 200 pts possible  
Grade = (pts earned)/700

Grading scale  A 90 – 100%  
B 80 – 89%  
C 70 – 79%  
D 60 – 69%  
F 0 – 59%

Course Description: This course begins with a study of the principles of logical reasoning and statistical reasoning. This is followed by problem solving and a study of number uses in the real world. The course concludes with math of finance, probability and statistics, and math and the arts. Prerequisite: Math 0312 or departmental approval.

Course Objectives: The student should gain an understanding of the beauty and uses of mathematics. This course will prepare the student to be aware of the uses and abuses of logic, percentages, and statistics, as well as to gain an understanding of interest, probability, and mathematics and the arts. The student must demonstrate an understanding of the topics covered through testing, presentations, and/or papers. This
The course is designed for students studying liberal arts, humanities and human sciences, who are not intending to pursue teacher certification.

**Exam Schedule:** The quizzes in this course are taken online only and the dates due are included in the information below. The final exam will be on paper and will be given in the Learning Lab. The final exam must be taken on or before by Monday, December 4, 2005 at 7:00pm.

**Web Access:** All students will be able to access their WebCT (Web Course Tools) account as of August 25, 2006 (the second day of class) by noon. Every student who enrolls after this day will be added by the next day by noon. If a student is having a problem, contact the Distance Education Department at 281-756-3728 or de@alvincollege.edu

**What will I do on WebCT?**
This is where the online textbook and learning center is located as well as an email program for you to communicate with your instructor, and she with you. This is also where you will take the six online quizzes. These quizzes are timed. On each quiz, you will have 90 minutes to complete 20 questions. You cannot open the quizzes more than twice. You must take these quizzes once they are opened.

**How do I gain access?**
1. Go to the ACC Homepage at www.alvincollege.edu
2. Scroll down the left-hand side and click on “WebCT.”
3. Click on “Log on to” my 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 on.
5. Click on MATH 0312 Intermediate Algebra – Fall ’06 – J. Hopkins, Instructor
6. You will now be asked to okay a license agreement.

**Learning Lab/Library:** The Learning Lab is available to students enrolled in MATH 1332. The Learning Lab has computer with text-specific software, Student Solutions Manual (worked solutions to odd-numbered exercises from the text and complete solutions for chapter review problems and chapter test) and Instructor’s Resource Manual (contains complete step-by-step worked out solutions to all even-numbered exercises in the textbook). Free tutoring is also offered to students during posted hours. On Monday through Thursday the lab will be open from 8:00am until 9:00pm. On Fridays the lab will only do testing from 10:00am to 11:00am.

**Testing:** The final exam must be taken on the ACC or PCC campus. This exam will be proctored by the instructor, the PCC library, or the ACC Learning Lab. All other work will be completed via the Internet. You may call or email your instructor 48 hours after the completion of an exam to receive test results. In Alvin, tests will be administered in the Learning Lab (A232). To take an exam at the Pearland College Center, contact your
instructor 48 hours before the desired test date. An appointment must be made with Robbie Shelton (281-756-3900) at PCC. See the flyer for ACC Learning Lab testing procedures.

**Supplies for Testing:** You will need a graphing calculator and pencil for exams. You may not use notes or the text during a test or quiz.

**Lecture DVDs:** Instructional DVDs, in a lecture format, feature worked-out examples and exercises taken from each section of the text. DVDs may be checked out in the ACC library.

**Timeline/Determination of Grade:** The dates given are the latest that you are allowed to complete the listed quiz/exam. You may begin taking quizzes/exams as soon as August 25 if you wish. You are strongly encouraged not to wait until the deadline date to take a quiz/exam. If a quiz/exam is not taken by the given deadline, a grade of zero will be given for the quiz/exam.

- 50 points – Online Quiz over material in Chapter 1 – no later than September 5
- 50 points – Online Quiz over material in Chapter 2 – no later than September 19
- 50 points – Online Quiz over material in Chapter 3 – no later than October 3
- 50 points – Online Quiz over material in Chapter 4 – no later than October 17
- 200 points – Term Paper over material in Chapters 10 – 12 due uploaded or emailed no later than noon Tuesday, October 31
- 50 points – Online Quiz over material in Chapter 5 – no later than November 14
- 50 points – Online Quiz over material in Chapter 7 – no later than November 28
- 200 points – Final Exam over chapters 1, 2, 3, 4, 5, & 7 – no later than 7pm December 4 in the Learning Lab or Pearland Center Library

**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 Alvin Community College 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 Dishonesty:** If you cheat in my class, you will automatically receive an F for your final grade in the course, regardless of the date of the offense. For further information, please see the statement of Academic Integrity issued by the college.

**Withdrawal Policy:** Not participating in class (i.e. attempting homework, taking online quizzes) will not withdraw you from this class. Rather than withdrawing you from class, I will give you an F. You complete the proper paperwork in the registrar’s office on or before Friday, November 10, 2005 at 5:00pm if you wish to withdraw from this class.

**Make-up Policy:** There are no make-ups in my class, period. You must turn in a term paper AND take the final in order to complete the course. If you do not turn in a term paper, you will receive a grade of F for the course regardless of your scores on other work. If you do
not take the final, you will receive a grade of F for the course regardless of your scores on other work.
So You Want to Make an “A”
From the SIP of ACC English Instructor Dr. Dickie Lee Fox

For years, I have listened to students who tell me that nothing less than an “A” will do. The following are the hallmarks of an “A” student. So, if you want to make an “A,” do the following:

1. **Have some intelligence** - This is the baseline requirement for all students. Without basic intelligence, the rest of the characteristics are moot.
2. **Have a positive attitude** - Approach each course with the attitude that it is important to being educated. Look beyond the immediate utility value of the course. Remember that an educated person knows something about everything and everything about something. Rejoice at the opportunity to learn something new.
3. **Don’t worry** - Do the work and the grade will follow. Talk with the instructor. Learn how to handle criticism. Learn to accept new challenges. As Nietzsche said, “That which does not kill me, makes me strong.”
4. **Study** - For each hour you spend in the classroom or the laboratory, you should study a minimum of two hours. Remember that college is not hard; it takes time.
5. **Be consistent** - Every day do something that helps you accomplish your goal or realize your dream. Do a little every day. Remember the story of the tortoise and the hare.
6. **Be prepared** - Read, study, and be prepared for each class. Do not see how little you can do; see how much you can do. Live dangerously: exceed the minimum requirements of the course. Study is not a four-letter word. If you study, you will never be embarrassed in front of the class because you do not know the material.
7. **Be there** - Attendance is very important. First, it is your class and you paid for it. Second, your presence lets the instructor know that you value the class. Third, class is where instruction takes place. As Woody Allen said, “Ninety percent of life is showing up.”
8. **Be on time** - Being late shows that you may not be capable of proper prior planning. When you are late, you disrupt both the class and the instructor. Late students miss information that was presented at the beginning of class and ask questions about what happened at the beginning of class and embarrass themselves. Often, graded papers are returned and new assignments are made at the beginning of class. Be on time. Tardiness is the number one reason for dismissal from a job. Remember: there is no dress rehearsal for life.
9. **Sit up front** - Research has shown that students who sit at the front of the class make higher grades than those who do not. The students who sit in the front and center are focused on the lesson. They also feel the instructor is talking directly to them.
10. **Don’t make excuses** - Excuses are a wonderful cathartic. Do not bring your out-of-class problems into the classroom. Unless your personal problems somehow relate to the course, leave them at home. As Mark Twain once said, “Life is just one damn thing after another.”
11. **Don’t try; Do!** - In college, the old saying “A” for effort does not hold. As Yoda said in Star Wars: Return of the Jedi, “Try? You either do or do not. There is no try.”

If you have intelligence and fortitude, “A”’s possible. Many people give up, many people procrastinate, but a few go on.
Requirements for Hopkins’ MATH1332 Research Paper

The paper will be due by 12:00 noon on Tuesday, October 31, 2006. No late papers will be accepted. You must turn in a paper to complete the class. If you do not turn in a paper you will receive an F in the class regardless of your current average or the drop deadline.

You will turn in your paper written using Microsoft Word. Printed copies of your paper are neither needed nor considered.

The paper for this class shall cover a topic from chapters 10, 11, or 12 of the text book. Before writing the paper, contact your instructor to determine if your topic is acceptable. The topic shall be addressed by a paper at least five pages in length. The paper shall include at least three college-level math problems related to your topic. The solution to each problem shall be explained in detail to demonstrate your knowledge of the subject. The paper shall be grammatically correct. A clear, concise, well-written paper is required. The paper shall have margins 1.25” on the left and right and 1” on the top and bottom. The font shall be 12 point Times New Roman. Any questions concerning the paper should be discussed with your instructor.

A clear, concise, well-written paper is double-spaced, and contains no contractions or colloquialisms. A scholarly paper includes works cited, indicating you have researched your topic. At least five references are required other than your textbook. One of these references must be a book other than your textbook. One of these references must be from the Internet. The paper should have a title page, at least five full pages of body text, and a works cited page (bibliography).

Late papers will not be accepted.

The following system will be used to determine your grade on the research paper.

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<tr>
<th>Possible points</th>
<th>Grade criteria</th>
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<tr>
<td>50</td>
<td>Five references other than text; including one book &amp; one web site</td>
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<tr>
<td>50</td>
<td>At least five full pages in length: 20 points off per missing portion of a page</td>
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<td>50</td>
<td>Grammatically correct: 5 points off per mistake</td>
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<tr>
<td>50</td>
<td>Three sample math problems solved: 5 points off per math mistake</td>
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