INSTRUCTOR: Eugene Mukhin
OFFICE: LD 224J, (phone: 278-1079, e-mail: mukhin@math.iupui.edu)
OFFICE HOURS: TR 4pm-5pm and by appointment.

OBJECTIVE: In this course a student will learn to use basic concepts of college algebra which are essential for all parts of science, engineering and technology. These mathematical tools can be used in many other courses, e.g. business, economics, health sciences, etc.

LECTURES: TR 2:30am-3:45pm, ET202 (Section 16084)


WEBPAGE: http://www.math.iupui.edu/~mukhin/m153
All handouts as well as homeoworks/solutions to quizzes will be posted on this web page in pdf format.

ATTENDANCE: Plan to attend every session AND participate in class. The problems on quizzes/exams will be similar to those covered in class. Careful lecture notes would be the best source to prepare for the exams (and much thinner than the book). Hopefully, you will like the enviromein in class and the occasional math jokes.

ADMINISTRATIVE WITHDRAWAL POLICY: A basic requirement of this course is that you will participate in class and conscientiously complete writing and reading assignments. Keep in touch with me if you are unable to attend class or complete an assignment on time. If you miss more than half our class meetings within the first four weeks of the semester without contacting me, you will be administratively withdrawn from this section. Our class meets twice per week; thus if you miss more than four classes in the first four weeks, you may be withdrawn. Administrative withdrawal may have academic, financial, and financial aid implications. Administrative withdrawal will take place after the full refund period, and if you are administratively withdrawn from the course you will not be eligible for a tuition refund. If you have questions about the administrative withdrawal policy at any point during the semester, please contact me.

GRADING: Your final grade will be determined from your Homework, Quizzes, Midterms and the Final Exam. Homework will contribute 10%, Quizzes 10%, Midterm I 20%, Midterm II 20% and Final 40%. Homework, Quizzes and Midterms will be curved in such a way that the average letter grade in class matches the average letter grade on the final exam.

HOMEWORK: Homework sets will be due every other Tuesday starting September 7 (midterm weeks are not counted), see the Syllabus.
Selected problems from each homework will be graded and will contribute to your final grade. There will be 6 homework assignments, each will be 20 points worth (we will grade 10 random problems worth 2 points each). One lowest score will be dropped.
The list of practice problems (with odd numbers) is attached. If you are able to solve all these problems, you will get an A in this class. We will NOT collect solutions of the practice problems.
No late homework will be accepted. Illegible assignments will not be graded. Please, STAPLE your homework.

QUIZZES: There will be a 15-20 minutes closed book quiz every Thursday starting September 2 (midterm weeks are not counted), see the Syllabus. There will be 11 quizzes, each quiz will be worth 10 points (2 problems worth 5 points each). Two lowest scores will be dropped, the highest score will be doubled.

Quizzes will be given in the beginning of the class, if you are late for the class, you are late for the quiz. No make-up quizzes will be given. Use the drop quizzes wisely.

MIDTERMS:
Midterm I: October 7.
Midterm II: December 2.
Each midterm will have 10 problems plus 1 bonus problem each worth 10 points. Both midterms are in-class, closed-books exams. No make-up midterms will be given. Students who miss both midterms will automatically fail the class. If you miss one midterm due to a documented illness or emergency, the formula for the grade is changed as follows: the other midterm counts 30% and the final counts 50%.

FINAL: Friday, December 10, 2004, 6-8pm, location TBA
The final exam will cover all material, it is a departmental comprehensive exam. Usually it contains 21-22 problems each worth 2 points with almost no partial credit given.

APPEALS: If you request to review your grade for a test/quiz/homework, please, beware that based on your explanations the grade can be changed in both directions. No complaints about erased-appeared pencil writings, please.

CALCULATOR: You need a scientific calculator (e.g. Texas instruments TI 35X or TI 36X Solaris or TI 30Xa) for this class. Graphing calculators are not allowed in this class.

PREREQUISITES: Math 111 with grade C or better within last year or placed in Math153 with your placement score. It is assumed that you have very good arithmetic and basic algebra skills. Please, talk to me NOW if you are not sure that this is the right class for you. You need at least grade C in this class to take Math 154.

WITHDRAW DATE: Tuesday, November 16.
HELP: Apart of office hours and private tutors, you have the following options:
Mentoring program 274-4818
MATH Tutoring Lab (University College, 102)
Video http://www-lib.iupui.edu
Department of Mathematics Information Line 278-2468