

**MATH 1010-4, Fall 2005**  
**Intermediate Algebra**

DAYS: T, H  
TIME: 6:00 - 7:30 PM  
ROOM: HEB 2004

**INSTRUCTOR:** Zrinka Despotović

OFFICE: JWB 128

PHONE: 585-6036

OFFICE HOURS: by appointment

e-mail: zrinka@math.utah.edu

class web page: <http://www.math.utah.edu/~zrinka/math1010>

**TEXT:** Larson and Hostetler, Intermediate algebra, 4th ed., Houghton Mifflin, 2005.

**COURSE OUTLINE:**

The essence of algebra is to use variables instead of just numbers. This enables us to describe things in general and helps us set up and solve word problems. Since this class is a prerequisite for most classes you'll be taking, it is very important that you understand and learn the material well. Please don't hesitate to ask questions if you don't understand something. We will cover Chapters 1 through 8 of the text. The topics include: linear equations and their graphs, systems of linear equations, functions, polynomials and rational functions, radicals and complex numbers, quadratic equation.

**HELP AND QUESTIONS**

If you need help or have any questions, please ask them in class, e-mail me, schedule appointment, or go to the tutoring center. You may schedule office hours in class, by phone or e-mail.

**CALCULATORS**

You do not need a calculator for this course, and calculators will not be permitted during exams.

**GRADING POLICY**

QUIZZES(12)    60%

FINAL EXAM    40%

Grades will be assigned according to the following guidelines:

|    |          |    |         |    |         |    |         |
|----|----------|----|---------|----|---------|----|---------|
| A  | 93%-100% | B  | 83%-87% | C  | 73%-77% | D  | 63%-67% |
| A- | 90%-93%  | B- | 80%-83% | C- | 70%-73% | D- | 60%-63% |
| B+ | 87%-90%  | C+ | 77%-80% | D+ | 67%-70% | E  | 0%-60%  |

**EXAMS**

- In addition to final exam, there will be WEEKLY QUIZZES given at the beginning of class. The quizzes will be Thursdays from September 1 until November 17 and on Tuesdays November 29 and December 1. The lowest score will be dropped.
- FINAL EXAM will be on Tuesday, December 13, 6:00-8:00 PM
- NO MAKE UP EXAMS! The final exam cannot be rescheduled. In truly exceptional circumstances, make up will be given, and I will decide whether it will be written or oral exam.
- Please note that the quiz and lecture dates are tentative. I reserve the right to alter them if needed.

**HOMEWORK:**

Since this is a huge class, homework won't be collected. There will be a list of suggested homework problems on the course web page, and you are strongly recommended to solve at least those.

**TUTORING CENTER:**

Besides class and my office hours you can get FREE TUTORING LESSONS. The tutoring center is located in room 155 of the T. Benny Rushing Mathematics Center (adjacent to the LCB and JWB). Tutors are available all the hours that the tutoring center is open. To let the tutors know that you need help, simply put up one of the flags. The Tutoring Center is closed on weekends and University Holidays. For Fall Semester 2005, the tutoring center will open on Wednesday, August 31 and will be open through Friday, December 9 (reading day).

In addition to drop in tutoring, group tutoring sessions are available for groups of at least 5. You should come to the tutoring center to schedule a group tutoring session.

The tutoring center will be closed during finals. The tutoring center will also be closed on the following University holidays: Monday, September 5 (Labor Day), Thursday-Friday, October 6-7 (Fall break), Thursday-Friday, November 24-25 (Thanksgiving).

The hours of the tutoring center are:

Monday-Thursday 8:00AM-8:00 PM  
Friday 8:00AM-6:00 PM

**ADA STATEMENT:** The Americans with Disabilities Act requires that reasonable accommodations be provided for students with physical, cognitive, systemic, learning or psychiatric disabilities. Please, contact me at the beginning of the semester to discuss any such accommodations for this course.

**IMPORTANT DATES**

|                                     |                      |
|-------------------------------------|----------------------|
| Class begins                        | Thursday, August 25  |
| Last day to drop class              | Friday, September 2  |
| Last day to add class               | Tuesday, September 6 |
| Last day to elect CR or NC option   | Tuesday, September 6 |
| Last day to withdraw from class     | Friday, October 21   |
| Last day to reverse CR or NC option | Friday, December 2   |
| Class ends                          | Thursday, December 8 |

**HOLIDAYS**

|                    |                                 |
|--------------------|---------------------------------|
| Fall Break         | Thursday-Friday, October 6-7    |
| Thanksgiving Break | Thursday-Friday, November 24-25 |

| Date           | Class Topic                          |
|----------------|--------------------------------------|
| August 25 H    | Introduction, Sections 1.1, 1.2, 1.3 |
| August 27 T    | Sections 1.4, 1.5                    |
| September 1 H  | Quiz 1, Sections 2.1, 2.2            |
| September 6 T  | Sections 2.2, 2.3                    |
| September 8 H  | Quiz 2, Sections 2.4, 2.5            |
| September 13 T | Sections 3.1, 3.2                    |
| September 15 H | Quiz 3, Section 3.3                  |
| September 20 T | Section 3.4                          |
| September 22 H | Quiz 4, Sections 3.6, 3.7            |
| September 27 T | Section 4.1                          |
| September 29 H | Quiz 5, Section 4.2                  |
| October 4 T    | Section 4.3                          |
| October 6 H    | FALL BREAK                           |
| October 11 T   | Section 5.1                          |
| October 13 H   | Quiz 6, Section 5.2                  |
| October 18 T   | Sections 5.3, 5.4                    |
| October 20 H   | Quiz 7, Sections 5.4, 5.5            |
| October 15 T   | Section 6.1                          |
| October 27 H   | Quiz 8, Section 6.2                  |
| November 1 T   | Section 6.3                          |
| November 3H    | Quiz 9, Section 7.1                  |
| November 8 T   | Section 7.2                          |
| November 10 H  | Quiz 10, Sections 7.3, 7.4           |
| November 15 T  | Section 7.5                          |
| November 17 H  | Quiz 11, Section 7.6                 |
| November 22 T  | Section 8.1                          |
| November 24 H  | THANKSGIVING BREAK                   |
| November 29 T  | Quiz 12, Sections 8.2, 8.3           |
| December 1 H   | Section 8.5                          |
| December 6 T   | Quiz 13, Review                      |
| December 8 H   | Review                               |
| December 13 T  | FINAL EXAM from 6:00 to 8:00 PM      |