

**Northeastern University**  
**Mathematics Department**

**Fall 2009**  
**MATH 1120 PRECALCULUS**

**Instructor:** Rajaa Altalli,  
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**Office hours:** M, W: 12:00 - 1:30 pm

**Check course on Blackboard for announcements, assignments, materials and grades.**

**Time and Venue:** 4:35- 5:40 pm M, W, R , 247 RY

**Course Goals:**

Prepare students for Calculus and improve their algebraic skills.

**\*\*This course DOES NOT SATISFY the NU core. Please check with your Advisor if you should take this course.**

**Course Description:** Algebra skills are emphasized!

- Linear, quadratic, polynomial, exponential, logarithmic and trigonometric functions.
- Understanding, manipulating and graphing these basic functions.
- Model real-world situations (e.g. exponential growth and decay, periodic phenomena) using such functions.
- Equations involving these functions will be solved using appropriate algebraic techniques.

**Required Materials:**

- **Textbook:** *Precalculus 5th Edition*, Stewart, Redlin and Watson, Thomson Brooks/Cole 2006.  
A copy is on Reserve (in the library)
- **Calculator:** a scientific GRAPHING calculator which has trigonometric, exponential and logarithmic functions.  
**\*\* A calculator is NOT A SUBSTITUTE for algebraic skills. On your exams you will be expected to SHOW YOUR WORK for full credit\*\***

**Evaluation:**

- A mandatory 2-hour departmental Final Exam ..... 40%.
- Homework (late submitted homework counts as 0).....10%
- Quizzes (missed quizzes count as 0- NO MAKEUPS).....50%

**\*\* The final exam covers EVERYTHING - because of this many students see a DROP from their quiz average**

**Notes:**

- **Free Tutoring** is available in 540B Nightingale Hall starting tentatively the second week of school. The tutoring will start on Monday, September, 21, 2009. **DO NOT WAIT!!!!**  
Hours Mon-Wed 10:00 AM - 9:00 PM, Thurs 10:00 AM - 6:00 PM and Fri 10:00 AM - 1:00 PM

- “It is your responsibility to be aware of any changes the instructor may make to the syllabus as they are announced in class. Students are responsible for all information given when they are absent.”
- “If you have a concern about the course or the instructor that is not or cannot be resolved by speaking with the instructor, the next step is to speak with the course coordinator. If the course coordinator does not settle the matter, contact Professor S. Jekel (Undergraduate Advisor), 525LA, x5639, [jekel@neu.edu](mailto:jekel@neu.edu).”
- “It is University policy that no grade, including an incomplete, can be changed after one year. Exceptions must be authorized by the Academic Standing Committee.”
- **“All students without legitimate conflicts (approved by the instructor) will take the final exam at the scheduled time. Do not make travel plans that conflict with the final exam.”** **Go to:** <http://www.registrar.neu.edu/finexsched.html> to see the dates of your final exam.
- **Academic Honesty from Student Code of Conduct:** see Student Handbook: "A necessary prerequisite to the attainment of the goals of the University is maintaining complete honesty in all academic work. Students are expected to present as their own only that which is clearly their own work in tests and in any material submitted for credit. Students may not assist others in presenting work that is not their own. ....Offenders are subject to disciplinary action."
- In Math U1120, academic dishonesty on a quiz or exam leads to a zero on the quiz or exam, that cannot be made up, as well as a letter detailing the incident to the Office of Judicial Affairs. The minimum penalty for a finding of academic dishonesty by the Student Court includes one-year disciplinary probation.
- **September 23<sup>rd</sup>** is the last day to file a Final Exam Conflict form.
- **September 29<sup>th</sup>** is the last day that the student may drop a course without a “W” grade.
- **November 20<sup>th</sup>** is the last day that the student can drop the class with a “W” grade.