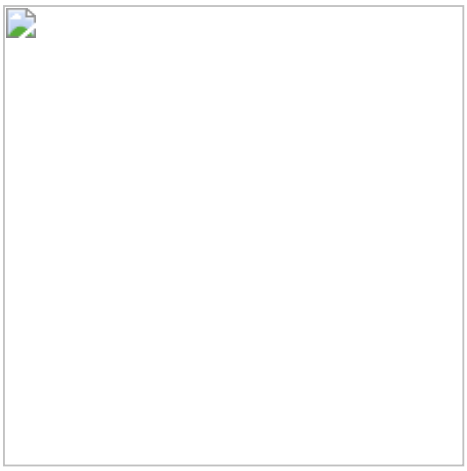
LEFT: IMAGE, Muhammad ibn Musa al-Khwarizmi
from Amir Kabir University, Tehran



Math 114-19

Intermediate Algebra

course #25572
in person
Room S-16

TuTh 1:30 to 3:45PM
BREAK IN MIDDLE

Andrew Phelps

TEXT:

Blitzer, Intermediate Algebra, 7th ed.

OFFICE HOURS AND LOCATION:

PERSONAL: Tues, Thurs. 12-1PM, *Baldwin Winery 21*
— dial 8261 at entry for admission
Further arrangement to be provided through Canvas

Communication: If you can't come to class, send an email; do not phone for that purpose. Also, I have a mailbox in the faculty mailroom **Admin 111** (use mail slot).
COVID Vaccinations are required on campus.
Canvas Upgrade for syllabus (green sheet) to be made available *soon*.

Instructor Email: **math_anxiety@yahoo.com**

Course Web Site: **http://batstar.net/algorithm**

Activity. In this course, we will engage *math behavior*. We shall reach to the model of Muhammad ibn Musa al-Khwarizmi, of Afghan origin, the founder of algebra.
We will make effort to make algebra a meaningful part of the existential being of the student.
The Course. Application of exponential and logarithmic functions, rational functions, and sequences and series to problems. Emphasis on the development of models of real world applications and interpretation of their characteristics. Instructor will provide additional problems as needed. Some reports on the history and philosophy of algebra also to be required.
Communication devices. Use of cellphones and *Ipads* generally not permitted in class. See Deanza policy for use in class: *Submission of work that is not the product of a student's personal effort, or work which in some way circumvents the given rules and regulations, will not be tolerated.* Also, stepping outside to answer the cellphone is forbidden, exceptional situations to be noted.
Exam Expectation. Also, please keep cellphone turned off during class and exams. Use of cellphone during an exam constitutes grounds for reduction of credit

Calculator. You need to bring a *scientific calculator*. A *graphing utility* may be helpful, but is not required
Homework. Homework is assigned daily, and available on the Course Web Site. *Doing the homework is **key** to learning the material. The best thing is to do everything that is assigned, and more.* Students who do not keep up will soon fall behind *dangerously*. Generally homework is on a ***not hand in*** status. Exception is four (4) short Problem Sets which will be handed in and graded
Math Exerience Review. For strengthening your engagement in algebra - an essay, with limited possible class presentation, regarding personal social concerns such as math anxiety. (2 points)
Exams. There will be a quiz, three (3) exams plus the final exam. You are also responsible for occasional *Spot Quizzes* (no make-up) testing you on 1-2 current homework problems
Grading. The grades will be based on a "raw score" of between **0** and **100**. These will be 'curved' by giving students with similar raw scores the same grade. **NOTE:** That does *not* necessarily mean that "90=A." Instead, that all depends on the raw score distribution

raw score contributions

unit(s)	**points**
4 Problem Sets @ 2%	8
Math Experience Review	2
Algebra History	3
Spot Quizzes	2
Quiz	4
3 Exams @15%	45
Final Exam	30
Subjective	6

Extra Credit. An extra credit assignment (due at the Final Exam) will be posted on the website. That is to help you if you are "caught between two grades." It is not for major grade change
Subjective Grade. Based on constructive class participation. **4** is the *default* grade. Persistent disruptive activity will warrant a **1** or less. Personal attacks on the instructor or other students will warrant an automatic **0**
Attendance. Missing class two (2) times after the first week without adequate explanation will be considered grounds for reduction of grade/failure. If you need to miss class, send me an e-mail message

I take missing class very seriously

- **Discipline and Respect.** Very important. See the poetic discussion HERE on website.
- **Plagiarism.** You must do your own work. The *appearance* of cheating is grounds for failing a test/assignment or for the course itself, at the discretion of the instructor
- **Study Habits and Collaboration.** You may prefer to study with others or by tutorial. Be sure that all *hand-in material* is done by yourself alone.
- **Additional Concern.** Instructor must be notified regarding collaboration, many available teaching supports may be restricted or banned altogether.
- **Disclaimer.** The policy itself may be adjusted at the discretion of the instructor. In that case an effort will be made to provide timely notification

Student Learning Outcome(s):

*Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.
*Analyze, interpret, and communicate results of exponential, logarithmic, rational, and discrete models in a logical manner from four points of view - visual, formula, numerical, and written.