THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE

Course #: MATH 3300 - 14780
Course Title: History of Math
Course Hrs: 3
Term: Fall 2009

Course Meeting & Location:

COTT 207
Monday – Wednesday, 12 Noon – 1:20 PM

Prerequisite Courses: Math 1411 (Calculus 1, with C or better) or instructors approval.

Course Fee: none

Instructor: Lawrence W. Swienciki, Ph.D.

Office Location: Bell Hall 316

Contact Information: E-mail: lwswienciki@utep.edu
Phone: (915)-747-7004

Office Hours: Tuesday, Thursday 10 – 11 AM; TBA (Time by Appointment)


Course Objectives:

The History of Math is a 45-hr course designed to provide an overview of the history of mathematics, with specific selected topics presented by the instructor and students.

Course Activities/Assignments:

1. A class presentation on a topic in the history of mathematics you sign up, on the topics list, at first class meeting. The topics are based from the textbook by Carl Boyer, with the pages to focus shown on the sign up list. But, you will need to do additional research and documentation of your sources. Class presentations start October 12. The amount of time for your presentation averages about 20 minutes, a few minutes more or less.

2. A written report is submitted on October 12, 2009. Include in the report the information and sources of your topic, and a few questions you think would be appropriate to ask on the final exam. You are free to choose the format for the report, but include footnotes and bibliography.
3. A final exam, based on questions from presentations by students or Dr. Swienciki, and information found in the textbooks. It is important to attend all classes, not simply the day you present your topic and submit the report. Please read the textbook, not just your own topic, to gain a broad understanding of the history of mathematics.

4. Your attendance and participation in the discussion is very important. There will be a sign-in sheet at each class session. Please sign the attendance sheet when you come in or before leaving.

Presentation
Each student is allowed about 20 minutes for the presentation, with an allowance of no more than 5 minutes over. Make a serious effort to communicate information to the class on your topic beyond the information found in the textbook. You can use Power Point presentation, the overhead camera system, computer, or chalkboard. And, you can ask questions to students in class, during presentation. And, the students can ask questions at the end of presentation. When you make your presentation, provide some specific questions you think would be appropriate on the final exam.

Assessment of Course and Grading:

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<tr>
<th>Assessment Item</th>
<th>Points</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Written Report</td>
<td>100 pts</td>
<td>A</td>
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<td>Classroom Presentation</td>
<td>100 pts</td>
<td>B</td>
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<td>Attendance</td>
<td>50 pts</td>
<td>C</td>
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<td>Final Exam</td>
<td>150 pts</td>
<td>D</td>
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Make-Up Policy: There are no retakes on exams, and no exam grades dropped. Missed class work cannot be made up. Late assignments are not accepted. With sufficient documentation, the instructor, at his discretion, allow make up exams.

Attendance Policy: Attendance is expected and required. There is an attendance sheet for the students to sign in at the beginning of the period. Attendance is part of the grade, as shown above.

Academic Integrity Policy: Acts of academic dishonesty are not accepted. Lapses in academic integrity are referred to the Dean of Students, as required at: http://academics.tep/Default.aspx?tabid=23785.

Classroom Environment:
This course is presented in a professional environment. Turn off cell phones, computers, and electronic devices. Put them away. Do not record conversations or take pictures. The privacy rights of everyone in class are to be maintained. Do not bring food/beverages to class. If for health reason, you need bottled water, it is acceptable in class.

Disability Statement:
If a student has or suspects he/she has a disability and needs an accommodation, he/she should contact the Disabled Student Services Office (DSSO) at (915)-747-5148 or at
The student is responsible for presenting to the instructor any DSS accommodation letters and instructions. Once this is done the instructor will in this course will happily comply with all of the requirements.

Military Statement:

If you are a military student with the potential of being called to military service and/or training during the course of the semester, you are encouraged to contact me as soon as it appears that your service will interfere with this course. The instructor will work with you to ensure that your service will not adversely affect your academic progress.

Course Schedules:

Starts: August 24, 2009
Final Exam: Wednesday, December 9, 2009, 1 PM – 3:45 PM in COTT 207