Course Number: MATH 3300 (CRN 12308)  
Course Title: History of Mathematics  
Credit Hours: 3  
Term: Fall 2016  
Course Meeting Time: TR 12:00 pm – 1:20 pm, EDUC 202  
Prerequisite Courses: Math 1411 with a minimum grade of “C”

Instructor: Jeremy Ramirez  
Office Location: Library 515  
Contact Info: E-mail: jlamirez3@utep.edu  
Office Hours: MW 12:00 pm – 1:00 pm or by appointment

Recommended: A scientific calculator such as the TI-30Xa or higher.

Course Objectives: We will focus on ancient and medieval history. Students will study the  
development of number systems, arithmetic, algebra, geometry, and  
trigonometry. Original works will be read, proofs will be analyzed, and problems  
will be worked from a historical point of view.

Assignments: In-class work will be assigned, and will be given as homework if not completed  
in lecture. The homework problems will not be collected or graded, but it is to  
your advantage to work those problems, as they may appear on exams. We will  
divide the material into three units, and to each unit will correspond exams and/or  
presentations.

Assessment: Three midterm exams will be given, to cover all readings from the text as well as  
all discussions and problems covered in lecture. Although the group class  
discussions do not affect directly your final grade, actively participating in them  
will be considered when deciding about the final grades for the students on the  
border line (i.e. between C or D). All students are required to take the final exam,  
which is scheduled for Tuesday Dec. 6th at 1:00 pm – 3:45 pm.

Grading Policy: The usual grading scale will be used for this course (90%-100% is an A,  
80%-89% is a B, etc.). No extra credit or extra work will be given. No scores will  
be dropped.

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Projects and Presentations</td>
<td>35%</td>
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<tr>
<td>Midterm Exams</td>
<td>45%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>20%</td>
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<tr>
<td>Total</td>
<td>100%</td>
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Make-up Policy: There are no make-ups for exams. If a student misses an exam for a valid, documented reason, then the weight of the exam missed will be transferred to the final exam. There is no make-up for the final. Late work will not be accepted.

Attendance Policy: As with every college course, attendance is essential for success. Try not to be absent unless it is absolutely necessary. If you are absent, it is your responsibility to find out from another classmate which assignments you need to make up. Do not ask the instructor to copy notes. Every student is individually, fully responsible for all information and all hand-outs delivered during each lecture. If a student misses a lecture for whatever reason, he/she is fully responsible for everything discussed during class and for procuring the information by him/herself from classmates. It is NOT the instructor's responsibility to inform students about material covered/information delivered during a lecture in which the student was absent. The instructor will NOT repeat the information delivered on a lecture via e-mails or phone calls or by any other means, on the basis that the lecture was missed. The purpose of office hours is NOT to make up for missed lectures.

Academic Integrity: We will follow the university’s policy in this course. You may find it at http://academics.utep.edu/Default.aspx?tabid=23785. You may be directed to change seats at any time during exams.

Civility: Students are expected to arrive/leave on time and not to disrupt other student’s right to learning. Disruptive students will be asked to leave the room and will get 20 points off their total grade, for each disruption in which they are called to order. No extra time for arriving late to any exam, including the final. Please do not use cell phones, pagers, IPods, MP3 players, blue tooth devices, etc. during class. Cell phones and pagers should be set to silent or vibrate, and if you absolutely must answer your phone, calls should be taken outside of class. Please do not wear headsets or blue tooth devices during class. Please do not send text messages during class. Photographs may not be taken during lecture.

Disability Statement: If you have or suspect you have a disability and need accommodations you should contact Center for Accommodations and Support Services (CASS) at 7475148 or at http://sa.utep.edu/cass/ or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any CASS accommodation letters and instructions.

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 possible.

Drop Deadlines: The last day to drop the course without a “W” is Wednesday, September 7th. The
last day to drop the course with a “W” is Friday, October 28th. Students will not be dropped by the instructor. Students who decide to drop the course must process a drop form, in person, at the Registrar's Office, by the appropriate date.

**Tutoring:** The Tutoring and Learning Center (TLC) offers free tutoring and is located on the second floor of the campus library. There are also numerous private tutors available. Please also make use of the instructor's office hours.

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<thead>
<tr>
<th>Week</th>
<th>Topics Covered</th>
<th>Read</th>
<th>Events</th>
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<tbody>
<tr>
<td>August 22</td>
<td>Syllabus; Prehistory</td>
<td>Chapter 1</td>
<td></td>
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<td>August 29</td>
<td>Early Number Systems</td>
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<td>September 5</td>
<td>Number Systems Presentations</td>
<td>Number Systems Presentations</td>
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<td>September 12</td>
<td>Egypt</td>
<td>Chapter 2</td>
<td></td>
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<td>September 19</td>
<td>Mesopotamia</td>
<td>Chapter 3</td>
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<td>September 26</td>
<td><strong>Exam I; Early Greece</strong></td>
<td>Chapter 4</td>
<td><strong>Exam I</strong></td>
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<tr>
<td>October 3</td>
<td>Early Greece</td>
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<td>October 10</td>
<td>Euclid</td>
<td>Chapter 5</td>
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<td>October 17</td>
<td>Archimedes Apollonius</td>
<td>Chapter 6</td>
<td>Chapter 7</td>
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<tr>
<td>October 24</td>
<td>Late Greece – Ptolemy and Diophantus; <strong>Exam II</strong></td>
<td>Chapter 8</td>
<td><strong>Exam II</strong>: Drop Deadline Oct 28.</td>
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<td>October 31</td>
<td>China</td>
<td>Chapter 9</td>
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<td>November 7</td>
<td>India</td>
<td>Chapter 10</td>
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<td>November 14</td>
<td>Middle East</td>
<td>Chapter 11</td>
<td></td>
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<td>November 21</td>
<td>Biography Presentations</td>
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<td>Biography Presentations Nov. 24-25 Thanksgiving Holiday</td>
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<td>November 28</td>
<td><strong>Exam III</strong></td>
<td></td>
<td><strong>Exam III</strong></td>
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<td>December 5</td>
<td><strong>Final Exam on Tuesday Dec. 6th at 1:00 pm – 3:45 pm</strong></td>
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**NOTE:** The above schedule is subject to change. If you miss lecture for any reason, it is your responsibility to contact a classmate regarding any changes to the schedule in your absence.