Instructor: Dr. Patrick J. Morandi

<table>
<thead>
<tr>
<th>Office: Science Hall 242</th>
<th>Department Office: Science Hall 236</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone Number: 646-2126</td>
<td>Department Phone Number: 646-3901</td>
</tr>
<tr>
<td>Email Address: <a href="mailto:pmorandi@nmsu.edu">pmorandi@nmsu.edu</a></td>
<td>Department Fax Number: 646-1064</td>
</tr>
<tr>
<td>URL: sierra.nmsu.edu/morandi</td>
<td>Math Dept: <a href="http://www.math.nmsu.edu">www.math.nmsu.edu</a></td>
</tr>
</tbody>
</table>

Course Web Pages and Blackboard: There are two web pages for this course. The primary website for this course is

sierra.nmsu.edu/morandi/math210

At this web site you will find the syllabus, PDF copies of the lectures, assignments, and any handouts. Because this is not a secure site, you cannot get your grades here.

The secondary page is available through Blackboard at learn.nmsu.edu. At this web site you will be able to look up your grades for the course and register your i>clicker2. You may also email me or another student through Blackboard email. It won’t have any of the course material but it does have a link to the primary website.

If you have trouble using Blackboard, contact the office of Information & Communications Technologies (ICT) at 646-1840. You can also come by my office for help.

Office Hours: My regularly scheduled office hours are listed on the primary course website. If the hours change during the semester I will announce the new hours in class.

You do not need to make an appointment if you wish to come to office hours. If you need or want to see me outside these hours, you may make an appointment with me before or after class, by phone, message, or by e-mail.

Prerequisite: High school algebra, and an adequate score on the Mathematics Placement Examination.

Textbook: There is no textbook for this course. Course materials will be made available on the course website or from other internet sites.

Clickers: The i>clicker2 remote is required for this course. You will need it to take quizzes and to participate in some classroom activities. You can get a clicker at the bookstore. You will need to bring it to class each day for quizzes and class participation.

In order to receive credit for clicker questions, you will need to register your i>clicker2 remote. You must have come to class at least once and voted on at least one question, in order to complete this registration properly.
To register your clicker, go to Blackboard at learn.nmsu.edu. To do this, login, select Math 210, and click on the link “Register your clicker”. Enter your clicker’s ID, which is the 8 character code under the bar code on the back of your clicker. Then click register. DO NOT register at i.clicker.com. You need to register your clicker by January 27; if you do not register by then you may lose participation and quiz points.

You are responsible for bringing your clicker to class daily. Do not ask me to loan you a clicker (I don’t have any to loan). If you forget your clicker, you will not be able to participate in the day’s clicker questions and will not receive points for any clicker questions. You also need to make sure the batteries are charged enough to last throughout class.

Clicking for other students is cheating and is absolutely prohibited. Do not under any circumstances bring more than one clicker to your seat in the lecture hall, as possession of more than one clicker during the lecture will be a presumption of intent to cheat on the parts of both the possessor and the owner of the clicker. Additional clickers brought to the lecture for any reason should be left on the front lecture table for pickup after class. Clickers will be used for quizzes. Students caught looking at other students responses is considered cheating and will receive a failing grade for the quiz.

When you use your i>clicker2, your response will appear in the LCD box. The checkmark indicates that your vote was received. There is no need to press your button continuously. Once you receive a checkmark, you know your vote was received and recorded.

Catalog Description: Mathematics and its role in the development and maintenance of civilization.

Course Objectives: The main objective of the course is to help students gain an appreciation for how mathematics impacts their life, culture and society.

Grading: The grade for the course will be based on your performance on homework assignments, quizzes, and class participation. There will be a total of 1000 points. Each homework assignment will be worth 50 points, each quiz will be worth 12 points, and each day’s participation will be worth 4 points. Altogether there will be 450 points from homework, 400 from quizzes, and 160 from participation. You need to respond to a majority of the clicker questions in order to receive that day’s points. You will get either 4 or 0 for each day’s participation points. Participation points are earned by answering clicker questions. Many will not be quiz questions. The grading scale will be: 900 or more points is an A, 800-899 is a B, 700-799 is a C, 600-699 is a D, and below 600 is an F.

Some Expectations: You can expect me to treat you with respect, return your assignments in a timely way, be on time to class, and be in my office during scheduled office hours. What I expect from you is to treat me and your fellow students with respect and courtesy, and not to do anything which detracts from the learning of others, including texting, talking on your phone, or web surfing during class. You are also expected to be on time to class. Our classroom does not have good acoustics. If you are talking in class I probably won’t be
able to hear you but your fellow students will, which will be distracting to them. Please be considerate.

Material and Style of the Course: The topics we will cover will constitute a wide range of mathematical ideas and applications. Most of the class time will be spent in lecture, with quizzes and other student responses interspersed. There will be likely be some days where class time is available for you to work on homework assignments and ask me questions.

At this point the topics, and their order, that I expect to present are Infinity, Art and Tessellations, Cryptography and Coding, Probability, Poker, Lotteries, Voting, Apportionment, Graph Theory, Art and Symmetry, Astronomical Distances, Statistics, Interest Rates, Exponential Growth. Each of these topics should last about a week.

University Communication: Official communication to you will often come through your NMSU email. Please access it regularly, or forward it to your current use address, as your success in college may ride on your ability to respond quickly.

Homework: Homework assignments will be assigned approximately once every week or two weeks. Homework may come in a variety of forms, including solving problems or commenting on short reading assignments or videos.

Exams and Quizzes: There won’t be any exams. There will be short quizzes given during class. I will give quizzes nearly every day and will drop your lowest 5 quizzes in making your quiz score.

Class Attendance/Absence Policy: I will not take attendance. If you miss class, it is your responsibility to get the information necessary to get homework assignments turned in on time. If you miss class you will get a 0 on any quiz question given that day, and you will not get participation points.

Incomplete Grades: According to university policy incomplete grades may be given only if a student passed the first half of the course and is precluded from successful completion of the course by a documented illness or family crisis which genuinely precluded successful completion of the course.

Make-up work: For a university recognized absence, homework can be made up by appointment. If an illness prevents you from attending class, handing in work, etc., you must either bring in a doctor’s note or, in the case of a less severe illness or other excuse, notify me by phone or email before class. Student athletes should submit a complete calendar of excused absences within the first two weeks of the semester to allow for planning on my part. There will be no make up quizzes given.

Important Dates to Remember:

- Last day to add a class: Monday 30 January
• Memorial Day Holiday: Monday 5 September

• Last day to drop with a W: Monday 12 March

• Spring Break: 19-23 March

• Spring Holiday: Friday 6 April

• Last day to withdraw from the University: Friday 20 April

Academic Ethics: Please refer to the Student Code of Conduct in the NMSU Student Handbook. Cheating on an assignment will result in an unsatisfactory for that assignment. Some of your work will require independent research and the internet has lots of valuable material relevant to your assignments and scripts. I urge you to examine the university’s plagiarism policies at http://www.nmsu.edu/~vpsa/SCOC/misconduct.html.

Students With Disabilities: If you have or believe you have a disability and would benefit from any accommodations, you may wish to self-identify by contacting the Services for Students with Disabilities (SSD) Office located at Garcia Annex (phone: 646-6840). If you have already registered, please make sure that your instructor receives a copy of the accommodation memorandum from SSD within the first two weeks of classes. It is your responsibility to inform either your instructor or SSD representative in a timely manner if services/accommodations provided are not meeting your needs.

If you have a condition which may affect your ability to exit safely from the premises in an emergency or which may cause an emergency during class, you are encouraged to discuss any concerns with the instructor and/or Mr. Michael Armendariz, SSD Coordinator. Feel free to call Ms. Angela Velasco (Interim EEO/ADA and Employee Relations Director) at 646-3333 with any questions about the Americans with Disabilities Act (ADA) and/or Section 504 of the Rehabilitation Act of 1973. All medical information will be treated confidentially.