INSTRUCTOR INFORMATION:
Name: Dr. Bellomo
Office Location: CDC Building 9 room 916
Office Phone: (702) 895-0358
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Math Dept Phone: (702) 895-3567
Web Page: http://www.unlv.edu/faculty/bellomo
Office Hours: by appointment

COURSE DESCRIPTION: Introduction to mathematical concepts such as: logic and analytic thinking, related rates, functions and relations, graphs and representations, properties of numbers, set theory, and consumer mathematics. Students will be exposed to topics within the context of practical applications. Technology will be incorporated. 3 credits.

PREREQUISITES for the COURSE: Placement required.

COURSE MATERIALS: All supplementary materials (reading materials, calculator, etc) will be provided.

EVALUATION AND GRADE ASSIGNMENT:
45% Attendance/Participation Grade
45% Project Average
10% Final Project
A passing grade will be received for a cumulative grade of 60% or higher.

COURSE SCHEDULE:
We will be essentially working on one project per class period.
Project 1 – What is Pi, and Why?
Project 2 – Boy, Do I Love Base 10
Project 3 – The Golden Ratio
Project 4 – Sequences
Project 5 – Squares and Powers
Project 6 – Negative Powers and Scientific Notation
Project 7 – Calculating Grades
Project 8 – Integers and Mental Math
Project 9 – Fractions
Project 10 – Pythagorean Theorem
Project 11 – Graphs in MS Excel
Project 12 – Consumer Math
Project 13 – Bills, Bills, Bills
CLASS POLICIES:

ATTENDANCE: You are expected to attend each class and fully engage in the lesson. Should you finish assignments early, you are asked to stay and help other students. One absence is allowed without penalty, all other absences will result in a loss of 7 points from your attendance grade.

MAKE-UP POLICY: If you miss a class for any reason, you are responsible for all material covered, announcements made in your absence, and acquiring materials that may have been distributed in class. Projects can be made up in an emergency before they are returned to the class, but only if given prior consent, of which written documentation is required.

COLLABORATING: I highly encourage you to collaborate with your peers, however there is a distinction between verbal collaboration and copying. Specifically – it is not acceptable to “divide” work, and it is not acceptable to use another persons’ hard work (current or former student, TA, or tutor) and pass it off as your own. Further, if you feel you are being misguided, it is your responsibility to report this to me before testing, so I can correct the situation and give you proper clarification.

UNIVERSITY POLICIES: (1) Academic dishonesty will not be tolerated. All acts of academic dishonesty may result in: automatic zero on the assignment, F in the course, disciplinary review, revoking of degree, probation, expulsion, etc. (2) You are individually and solely responsible for violations of copyright and fair use laws. (3) Absences due to religious holy days are excused, however you must notify faculty of anticipated absences by the last day of late registration. Please review the UNLV Student Code of Conduct and Selected Policies online (www.unlv.edu/studentlife/judicial/) or in the catalog.

GUIDELINES FOR COURTESY AND RESPECT: I would like to welcome all students into an environment that creates a sense of community pride, courtesy, and respect; we are all here to work cooperatively and to learn together.

In order to create a smooth and harmonious learning community, please make every attempt to come to all the class sessions, to come to class on time, and to stay until the end of the meeting unless you have informed me that you must leave early. There may be a time when you are unavoidably late for class. In that case, please come into the room quietly and choose a seat closest to the entrance. Once the class session has begun, please do not leave the room and then re-enter unless it is an emergency.

It is important that we are all able to stay focused on the class lecture/discussion. For this reason, only one person at a time in the class should be speaking. Side conversations are distracting for surrounding students and for the instructor. All electronic devices should be turned off BEFORE entering the room.

As you can see, simple norms of courtesy should be sufficient to have our class run in the best interests of all. Thank you in advance for your cooperation.