CLASS INFORMATION:
  Course Number: Math 121 Section 1
  Class Times: Monday through Friday, 11:00 am – 1:40pm
  Class Location: WRI-C 323

INSTRUCTOR INFORMATION:
  Name: Dr. Bellomo
  Office Location: CBC-B Room 507
  Office Phone: (702) 895-0358
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  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.

COURSE OBJECTIVES (TOPICAL OUTLINE):
The following topics will be covered:
1. Properties of numbers
2. Logic and analytic thinking
3. Set theory
4. Functions and relations
5. Related rates
6. Graphs and representations
7. Consumer mathematics

Within the context of the topics above, students will be able to:
1. Determine the truth value of a statement
2. Determine the effect changing one value has on a related value
3. Graph elementary functions from their equations, and analyze the properties of these graphs
4. Determine the relationships (i.e. equations) between quantities
5. Identify types of graphs (bar, line, circle, etc.) and draw conclusions from these representations
6. Calculate values with proper order of operations
7. Determine when things are included (or not included) in sets and set operations
8. Find interest, calculate mortgage, car payment, etc.
EVALUATION AND GRADE ASSIGNMENT:
15% Attendance Grade
20% Homework Grade
25% Quiz Average (Consists of one quiz per topic)
25% Project Average (Consists of one project per topic which will be collaborative)
15% Final Project
A passing grade will be received for a final grade of 60% or higher.

COURSE SCHEDULE: See schedule or web page for latest version

CLASS POLICIES:
ATTENDANCE: You will begin the session with a 100% for your Attendance Grade, and will be allowed 2 absences and 2 tardy points. After which, you will be deducted 5% for each absence and 2% for each tardy.

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. Quizzes 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. All other make up work will not be accepted and will result in a recorded grade of zero.

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.