I. Instructor Information:

Instructor: Michael White  
Office Number: WS-II 205  
Phone Number: 224-4000 (ext. 50091)  
E-Mail: mwhite@cnm.edu  
Website: http://Login.cnm.edu/~mwhite  
Office Hours:  
   MW 1:30 pm - 3:30 pm  
   TR 3 pm - 4 pm  
   F None  

Course Information:  

Course Credits: 4  
Section Number: 302  
Class Days:  
   MW Times: 11:30 am - 1:15 pm  
   TR 3 pm - 4 pm  
   F None  
Location: WS-I 303

II. Course Description:  
This course presents strategies for solving mathematical problems; topics include sequences, sets, counting, probability, descriptive statistics, linear and exponential modeling.

Prerequisite: Math 0970 or a recommendation by an admissions counselor based on performance on a placement exam (Accuplacer, ACT, or SAT). Any student who does not meet the prerequisite for this course may be dropped from the class at any time during the term.

III. Student Learning Outcomes:  
At the end of this course, students should be able to:

1. Use sorting and counting techniques to solve problems.  
2. Create and apply algebraic models to solve problems.  
3. Reason inductively to solve problems.  
4. Use quantitative reasoning to solve problems.  
5. Describe data graphically and numerically to answer questions relative to the distribution of data for a quantity under study.  

IV. Texts/Materials:  
Textbook: A Survey of Mathematics with Applications (10th Ed.), by Angel, Abbott, and Runde. Purchase options include:  
   1) Bound with MyMathLab: ISBN 0134115767  
   2) Loose Leaf with MyMathLab: ISBN 013411223  
**Calculator Policy:** The instructor will determine when you may use a calculator in this class. If you are struggling with the computation of problems, but show that you understand how to set them up, feel free to discuss using a calculator with your instructor.

**V. Course Requirements:**

**Attendance Policy:** According to CNM regulations, students enrolled for credit or audit are expected to attend all class sessions. Students who miss the equivalent of 15% of contact time may be dropped from the course by the instructor. But it is ultimately the student’s responsibility to withdraw from the course. Absences from class do not relieve students from responsibility for missed assignments, material covered in class, exams or quizzes.

The instructor will take attendance. Students must take the initiative in arranging with their instructors to make up missed work. A student who misses the first class meeting and has not contacted the instructor, or who misses two consecutive class meetings in the first week may be dropped from the course. A student with excessive absences may be dropped from a course. A student should not assume he/she would be dropped automatically. The instructor’s decision is final, but if the student disagrees with the action he or she must contact the instructor within two working days of receipt of the notification.

Failure to attend my class for any reason is counted as an absence. A student with excessive absences may be dropped from the course. For this class, excessive absence is 5 or more absences.

A makeup quiz must be taken before the next class session.

Every section of the textbook will not be covered in this course. For those sections that are covered, there is an associated homework assignment in MyMathLab.

As your instructor I will convey some information and answer questions, but it is your responsibility to become an "active" participant/learner. The traditional college norm is that for every "hour" spent in the classroom a student should plan on spending at least two hours outside the classroom learning the subject matter of the course through additional reading or class assignments.

**Quiz Preparation:** Students are responsible for reading the assigned textbook sections. While some problems will be covered during lecture, you are required to work all of the assigned problems in MyMathLab. For practice, you should work some of the problems in the textbook also. Answers to some textbook problems are in the Appendix at the end of the textbook. The recommended workbook shows how to work some problems. Simply looking up the answers to assigned problems is not adequate. Try to completely solve the problem before reviewing the textbook solution. If you don’t get the correct answer on the first attempt keep trying until you understand exactly how to solve the problem.

**Electronic Devices in Class:** Laptops, cellular telephones, pagers, beepers, and other mobile devices must be turned off or switched to silent or vibratory mode. Cell phones
must be placed in a backpack or a purse during class. Electronic entertainment devices are to be turned off and head phones removed.

No taping, filming, or photography (whether by camera, cell phone, or other means) is permitted in class without my prior written permission. These activities are distracting and inhibiting to faculty and other students.

**Classroom Civility:** Students are expected to contribute to a classroom environment that is respectful and conducive to learning. Inappropriate behavior in the classroom may result in a request to leave class.

**Entering/Exiting Class:**

- Please arrive on time to class and stay for the entire class period. Late arrivals and early departures are disruptive.

- During exams or quizzes, ask permission before leaving the classroom. Try to use the restroom before coming to class.

**Noise:**

- When class begins, please stop your conversations.

**Email Etiquette:**

- You are expected to write as you would in any professional correspondence. Email communication should be courteous and respectful in manner and tone. Do not send emails that are curt or demanding.

- Do not expect an immediate response via email (normally, a response will be sent within two business days). If your email question is sent at the last minute it may not be possible to send you a response before an assignment is due or an exam or quiz is given.

**Common Courtesy:**

- Do not read the newspaper during class. The shuffling of pages can be very distracting.

- Do not work on homework during class.

- Food and drink are discouraged in class. There may be times that you need a beverage or small snack during class. Avoid bringing in large meals or food that is noisy when unpacked or chewed.

- Do not disturb others by engaging in disruptive behavior. Disruption interferes with the learning environment and impairs the ability of others to focus, participate, and engage.

- Never have a conversation unrelated to the subject matter at hand with another student while the instructor is lecturing. If you do, you will most definitely miss important information, concepts, topic points, important due dates, etc.
**Final Exam:** December 6, 2017 @ 11:30 am

**Drop Deadlines:**
- Last day for refund: September 11, 2017
- Last day to drop without a ‘W’: September 11, 2017
- Last day to drop with a ‘W’: November 10, 2017

Other important dates and deadlines can be found on the CNM website under *Student Resources*.

**Disability Statement:** We will accommodate students with disabilities documented by the CNM Disability Resource Center. During the first two weeks of the semester, those students should inform the instructor of their particular needs.

**PaperCut:** PaperCut is an element of the sustainability effort at CNM. Its purpose is to reduce paper usage. Each student has an online account with an allotment of 150 free printer pages per term. If this allotment runs out, additional pages can be purchased by the student. For more information, go to the PaperCut website: http://cnm.edu/papercut.

**VI. Grading Policy:** Grades will be assigned based on the standard scale:

- **A** = 90 – 100%
- **B** = 80 – 89.9%
- **C** = 70 – 79.9%
- **D** = 60 – 69.9%
- **F** = < 60%

Grades will be calculated according to the following scheme:

- **Homework** 25% (in MyMathLab)
- **Quizzes** 50% (13 ea.; lowest 3 are dropped)
- **Final** 25%

With student’s permission, weekly grade status will be provided every Thursday or Friday (except the last week of class) via your CNM e-mail.

In the event CNM closes on the day of the final exam, final grades for students will be calculated based on all work assessed up to that point in the course.