Bouillon 110, 1 PM Daily
INSTRUCTOR: Dale Width, Bouillon 121
OFFICE HOUR: 9 AM daily or by appointment
PHONE: 963-2400
EMAIL: widthd@cwu.edu
Text: <u>Briggs & Bennett</u>, Using and Understanding Mathematics

Schedule: (subject to change!)
      Unit One   –   Weeks 1, 2, & 3 Introduction to Probability
      Unit Two   –   Weeks 4, 5, & 6   Introduction to Statistics
      Unit Three   –   Weeks 7, 8, 9 & 10 Mathematical Decision Making

Final Exam   Tuesday March 12 at Noon   NO EXCEPTIONS! Check Safari for changes.

     This course is <u>project oriented</u>. You will work on in and out of class projects in each topic.

     This syllabus sets out my expectations for the classwork which will determine your grade. It is most important that you read and understand it. Ask questions if you need to. Keep it for reference. If you have special needs or requirements to facilitate your progress, or outside activities which will interfere with class, you need to make arrangements with me as soon as possible.

     Math 102 satisfies part of the basic skills requirement needed for graduation. It presents material which has applications in daily life. Math is all around us, and it is essential that we gain an understanding of it. Otherwise we become victims of those who do! This class will attempt to describe what Mathematics is, how it is put together, and how it works.

     Please note that if you are planning to take a statistics class, Mathematics 130 may be required, rather than Math 102.

     Mathematics is like a foreign language. The only way to gain the skills required for success is through practice. It requires a LOT of time. If you have other commitments which will demand much of your time, you may have problems successfully completing this course. Homework is strictly YOUR responsibility. You are here because you choose to be. Lack of effort will result in a waste of YOUR time and money!

     We will move FAST.   The primary resource is class. BE THERE! It will be your responsibility to catch up if you aren't. Attendance is not required, but quizzes will be given at random for the benefit of those of us who regularly show up. We will add material to that found in the textbook so you need to be here!

     Other resources are used. The textbook is most important. You will be working lots of problems. Another is your classmates. Group studying is recommended; study groups will be organized early on. ASK QUESTIONS! If you do your homework, you will be able to.

     Take notes! The material presented in class is important. Even if you draw pictures, write things down!

     Reading assignments will be given most days. Quizzes at the beginning of class can be expected.

     A calculator, with memory and exponential functions, is REQUIRED! No exceptions! The TI-83 graphing calculator is strongly recommended.

     Incompletes will NOT be given! The last day for uncontested withdrawal is February 15. Plan now so that your grade does not threaten your financial aid.

     If you miss class, it is YOUR responsibility to know what material you have missed.

     If you have any requests to allow for special needs, let me know as soon as possible.

     There will be 3 hour exams, and 3 projects, worth 100 points each. Additional in and out of class assignments will total 100 points. Quizzes that may or may not be announced in advance will be worth an additional 100 points. Grades are based on percentages of the total and are earned as follows: **A = 95 and above; A− = 92 − 94; B+ = 88 − 91; B =   83 − 87; B− = 80 − 82; C+ = 77 − 79; C = 73 − 76; C− = 70 − 72; D = 60 − 69. NO incompletes!** This scale may be adjusted slightly.

     All work that is assigned more than one day in advance will be considered a formal paper. The first such assignment will be due the third day of class. I will present instructions for this assignment during class.

     I often hear comments from students such as 'I am just naturally bad at math' or 'Math has always been very difficult for me'. These negative attitudes came about because of unhappy past experiences. This class will give you the opportunity to change that. Any one of you can succeed at math. We will present a positive learning environment. If you give a sincere effort in this class, keep a positive attitude, and attend regularly, success is guaranteed.

     An important requirement for this class is mutual respect. I respect your presence in this class; you, in return must respect our presence and the learning process taking place in our classroom. Rude behavior will not be tolerated. Your attention and effort is **mandatory** to make this class a success.