Instructor: Mrs. Diana Pell

Email: Diana.Pell@rcc.edu
Office: MTSC 122

Office Hours: MWF 11 AM - 12 PM and T 9:30 AM - 11:30 AM (and by appointment).

Communication: I will be using an app called Remind to communicate with you. In order to receive my notifications text @f0e825e to 81010.

Course Website: websites.rcc.edu/pell

Prerequisites: Eligibility as determined by RCC assessment or Math 35.

Course Description: This is a survey course with selected topics from the history and development of mathematics, patterns and inductive reasoning, set theory and deductive reasoning, the real number system, algebra, geometry, probability, statistics, and problem solving. It is designed for students majoring in liberal arts, education or communication.

Required Materials: You may use either a non-graphing scientific calculator or a graphing calculator.

Textbook: Math in our World (Custom Edition for RCC) by Sobecki and Bluman, 3rd edition (bundled with an access code for ConnectMath). Price for the bundle in the bookstore is $133.35. See ConnectMath instructions below for a slightly cheaper option.
**Student Learning Outcomes:** Upon completion of this course you should be able to:

1. Apply fundamental concepts of logic.
2. Apply permutations and combinations in statistical applications.
3. Apply fundamental relations and operations on sets.
4. Integrate historical context with many of the topics in mathematics.
5. Associate mathematical models with real world situations from other disciplines.
6. Apply statistical methods and interpret results in business and humanities applications.

**ConnectMath:** The ConnectMath Access Code is a mandatory part of this course. To obtain this code, go to the website [www.connectmath.com](http://www.connectmath.com) and follow instructions to sign up. If you purchase ONLY the code (costs $95), you will have access to an on-line version of the textbook. You may request a loose leaf copy of the textbook for additional $15.

The Course Code is: XWMD9 - DLQR4

Once the course begins, click on the “HELP” link within ConnectMath if you experience technical difficulties. DO NOT CALL YOUR INSTRUCTOR!!! The ConnectMath telephone number is 949 - 390 - 2095.

**Homework:** Online homework will be assigned weekly. Some homework assignments might be written.

**Exams:** There will be three exams (in class) and a comprehensive final exam at the end of the term. No make-up exams will be given unless you provide documentation.

Exam I is on Thursday, September 24.
Exam II is on Thursday, October 22.
Exam III is on Thursday, November 19.
Final Exam is on Thursday, December 17 from 8:00 am to 10:30 am in the usual classroom.
Grading: Your grade will be based on the weighted average of your exams, in-class work, and homework scores, according to this formula: Quizzes, groupwork, and written homework 5%, online homework 10%, 60% in-class exams (20% each), and 25% final.

This course is graded on the following scale:

\[ A = 90 - 100\%; \quad B = 80 - 89\%; \quad C = 70 - 79\%; \quad D = 60 - 69\%; \quad F = 59\% \text{ or lower.} \]

Attendance: It is extremely important that you attend every class session. Leaving early or arriving late is disrespectful and disruptive. Any student with two consecutive unexcused absences or a total of three unexcused absences may be dropped from the course. (An absence is unexcused if prior notification with an acceptable reason and/or documentation of an emergency is not provided). Arriving late or leaving early may count as an absence. Any student with any unexcused absences in the first two weeks of the course is subject to being dropped from the course. You must be signed up for ConnectMath within the first two weeks of the course with a permanent account or you may be dropped from the course.

Cell Phones: Please silence your cell phones while in class.

Special Needs: If you have a physical, psychiatric/emotional, medical, or learning disability that may impact your ability to carry out assigned course work, I urge you to contact the staff in the Disability Resource Center Office at (951) 222-8060. DRC will review your concerns and determine, with you, what accommodations are necessary and appropriate. All information and documentation is confidential.

Resources: I recommend studying together by forming study groups. Your classmates can be an excellent resource. You are also always welcome to come see me during my office hours. Tutoring is available in the Math Learning Center (located in MLK 305/307/308).

Cheating Policy: Students are expected to abide by the colleges policies regarding plagiarism and cheating. According to board policy, an instance of academic dishonesty may result in a reduced score, failing the course, or a recommendation of suspension from the course. A second offense may result in expulsion proceedings.
Important Dates:

Last day to add: September 11, 2015
Last day to drop without a W: September 13, 2015
Last day to drop with a W: November 20, 2015

I reserve the right to make small changes to both your grade and the schedule due to unforeseen factors.