MATH 2183 - Mathematical Reasoning
Course Descriptions and Procedures - Spring 2015

Course Coordinator: Dr. Madison   **Office:** SCEN 326   **Email:** bmadison@uark.edu
Course Instructor : Vinay Kalyankar   **Office:** SCEN 415   **Email:** vkalyank@uark.edu
Office Hours: As a G.A. I am not allotted time for office hours specifically so I will be available on appointment basis, however I am most often available from 8:15 to 9:15 in my office.

Text Book: *Case Studies for Quantitative Reasoning (3rd edition)* by Madison, Boersma, Diefenderfer, and Dingman.

Additional Materials: Graphing Calculator (TI 84 preferred)
Three Ring Binder (at least 1.5")

Mission Statement: Students will develop the power and habit of mind to search out quantitative information, critique it, reflect upon it, and apply it in their public, personal, and professional lives.

Course Overview: We will be exploring outside contemporary sources such as newspaper and magazine articles. Students have access to free newspapers on campus and I would suggest you take advantage of them. Our goal will be to read, analyze, interpret, and critique the use of mathematical, statistical, and other quantitative information in these sources. A big idea of this class is the development of a case study project done in a group of two people that would look similar to the ones found in the textbook.

Course Grades: Homework - 100 points
In-class quizzes - 100 points
Group case study project – 100 points
Mid-Term Exam - 100 points
Final Exam - 100 points
The following determines the letter grade at the end of semester:

A → 90% or above
B → 80% - 89.9%
C → 70% - 79.9%
D → 60% - 69.9%
F → Below 60%

Attendance Policy: Attendance is mandatory, and will be tracked daily. Absences for University Business and pre-arranged absences will be handled on a case-by-case basis and must be submitted through e-mail correspondence for consideration.

Late Work: Late work will not be accepted under normal circumstances. Extenuating circumstances must be explained via e-mail for consideration and should include the completed assignment.

Academic Honesty: This class follows the official University Policies and Procedures regarding Academic Honesty.

Inclement Weather Policy: It is the Mathematics department policy that mathematics classes will meet unless the University is officially closed, however your safety is more important than your attendance.