## College Algebra--P. Staley Spring 2013

- **Instructor: Patrick Staley**
  - Office: 390D
  - Office hours: 12:30-1:40PM Mon-Wed-Fri
  - Website: www.staley-classes.org
  - Email: patrick@mr-ideahamster.com
  - Telephone: 619-421-6700, ext 5521
- **Textbook: A Graphical Approach to College Algebra 5th Edition, by Hornsby, Lial, and Rockswold.**
  - Textbook on Amazon
  - etext on MyMathLab
    www.mymathlab.com
- **Prerequisite: Intermediate Algebra (Math 070 at Southwestern College)**
- **Class Meetings**
  - Room 1620
  - Mon Wed Fri
  - section 09 10:00AM-11:50AM
  - section 01 11:00AM-11:50AM
- **Graphing Calculator Required**
  - Recommended calculators for this class are TI-83+, TI-84+, TI-85, or TI-86. Calculators with symbolic algebra capabilities, e.g. TI-89 or TI-92, are not allowed for exams. Some of the exams may be no-calculator exams.
- **Course Description**
  - A study of those topics considered preparatory for a standard university calculus class--

    Linear Functions, Equations, and Inequalities
    Computation of Derivatives
    Basics of Graphing Standard Functions
    Introduction to Complex Numbers
    Polynomial Functions
    Rational, Power, and Root Functions
    Inverse, Exponential, and Logarithmic Functions
    Conic Sections
    Systems of Linear Equations with Matrix Techniques
    Introduction to Sequences and Series
    Binomial Theorem
- **Attendance Policy**
  - Students are expected to attend all lectures. If a student misses excessive class time, he/she may be dropped. Attendance is taken with a seating chart. All

absences are the same, i.e. there are no "excused" absences.  A student with four or more tardies may be dropped from the class.

- **Electronic Devices Policy**
  - During lecture and exams please turn off all phones, pagers, music devices, tape recorders, etc.
- **Special Accommodations**
  - Southwestern College recommends that students with disabilities discuss academic accommodations with their professors during the first two weeks of class.  An alternate form of this syllabus is available upon request.
- **Homework**
  - The homework is done through MathXL.  All students are required to have a MathXL account and do the homework online.  If you need help getting onto MathXL  please ask for assistance.
- **Grading**
  - Grade Computation
    - Your final grade will be a composite of five to eight chapter tests and a Final Exam.  The Final Exam is weighted as two chapter tests.  Letter grades of A,B,C,D, or F are assigned to each chapter test and Final Exam.  These are incorporated into the final grade based on the weight assignments A=4, B=3, C=2, D=1, and F=0.  Excessive F scores (two) will result in a lower class grade regardless of the weighted average score.    There will be no make up tests.  You should be able to access your current aggregate grade through the class website.
  - Example
    - Assume chapter test grades of B,D,B,C,B,A, and final exam grade of A.  Then Class Grade = (3+1+3+2+3+4+4*2)/8 = 3.0 = B (note that for the class grade A is 3.5 to 4.0, B is 2.5 to 3.5, C is 1.5 to 2.5, D is 1. to 1.5, and F is 0 to .99)

  - Exam Policies
    - No make-up tests.
    - Knowing the correct answer to an exam question is insufficient—the correct answer must be written on the answer sheet.
    - Exam answers that confuse the grader will be marked wrong.
  - Grade Notification
    - The class website, www.staley-classes.org, has the most current grade sheet.  The grade sheet is password protected.  You can access the grade sheet at any time after the first exam has been scored.

- **Class Website www.staley-classes.org**
  - www.staley-classes.org contains relevant information for this class including: information on exams, an updated syllabus, the current grade sheet (password protected), and other relevant information.  So that you receive website update notifications please send an email message using the "get it" link under the

appropriate "Notification" line.  This will put you on the email notification list for the class.

- **Behavior Policies**
  - A student may be dropped from the class for excessive absences.
    - Excuses:  There are no "excused" absences in this class.  All absences are treated equally.
    - If you are going to be absent on an exam day make prior arrangements with the teacher.  There are no makeup exams for no-shows on exam day.
    - Students who miss three classes are subject to being dropped.
  - A student may be excluded from the class for disruptive behavior.
  - Please do not leave the classroom during lecture.  It disturbs the lecture and is rude.
  - This class adheres to all misconduct policies as stated in the current Southwestern College catalogue.  Pages from Catalog2009-2010Updated
  - Cheating
    - Behavior indicative of cheating will be handled by an oral exam. behavior example
    - The oral exam is an investigation of the rational for the "behavior indicative of cheating".  oral exam example
    - The outcome of this process will be one of:  F grade on the exam, F grade for the semester, student drops the class, or reinstatement of the score.
    - This penalty also applies to any accomplice.  So make sure that when you help someone they can defend their work.
- **Tutorial Services**
  - The MESA Center, located in room 396, provides free tutoring for this course.
  - The Academic Success Center in room 420 also offers tutoring for statistics.
- **Projected Schedule**
  - Jan 25    Chapter 1 exam
    Feb 13    Chapter 2 exam
    March 1  Chapter 3 exam
    April 3    Chapter 4 exam
    April 15   Chapter 5 exam
    April 26   Chapter 6 exam
    May 10   Chapter 7&8 exam
    May 20 or 22 Final Exam
- **Final Exam**
  - The final exam is comprehensive.
  - Date/time for the final exam
    - 10AM class (section 09) Monday        May 20 10:30AM-12:30PM
      11AM class (section 01) Wednesday May 22 10:30AM-12:30PM
- **Initial Assignment**
  - Visit the Class Website  Staley Classes Website
  - Buy the Textbook or get access to the e-Text through MyMathLab
  - Register for the MathXL portion of this class
    Read Chapter One

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- Read Chapter One
- Do homework for sections 1.1 and 1.2
- Sign up for the Notification Email List
  - [subscribe request for 10:00AM class](#)
  - [subscribe request for 11:00AM class](#)