**College Algebra -- Fall 2018**

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**MTH 130 College Algebra.** 3 hrs. Polynomial, rational, exponential, and logarithmic functions. Graphs, systems of equations and inequalities, sequences. (PR: Math ACT 21 or above)

* Time and Place: 1:00 - 1:50 pm MWF at 516 Smith Hall.
* Instructor: [Peter Saveliev](http://inperc.com/wiki/index.php?title=Peter_Saveliev) (call me Peter).
* Office: Smith Hall 713.
* Office Hours: MF 2:00, W 6:00, or by appointment.
* Office Phone: x4639.
* E-mail: saveliev@marshall.edu.
* Class Web-Page: [math01.com](http://math01.com)
* Prerequisites: solid algebra skills, some knowledge of Cartesian coordinates, familiarity with basic functions
* Texts: *College Algebra* by Paul Sisson
* Computer Restrictions: graphic calculator TI-83 or TI-83+
* Outcomes: the student will learn to recognize and use functions, including the major classes of functions, graph these functions, solve equations
* Activities: the student will practice each outcome via the homework given in the textbook and online.
* Evaluation: the student achievement of each outcome will be assessed via in-class quizzes, online quizzes (<http://webwork.marshall.edu/webwork2/F18-Math-130-Saveliev/>), and in-class tests.
* Grade Breakdown:
  + participation: 20%,
  + quizzes: 30%,
  + midterm: 20%,
  + final exam: 30%;

i.e., the total score is the following weighted average of the five scores:

TOTAL =.20×*P*+.30×*Q*+.20×*M*+.30×*F*.