

**Marshall University Syllabus**  
**MTH 127: College Algebra Expanded**  
**Fall 2017**

**Instructor:** Rongli Xiang

**Section/CRN:** 114

**Meeting Location/Times:** MW SM624 1:00-1:50 PM TRF SM336 1:00-1:50PM

**Office Hours:** Friday 10-12am

**Textbook:** College Algebra with Integrated Review ISBN: 978-1-944894-97-9 (with textbook) or 978-1-944894-98-6 (with e-book only)

**Required Calculator:** TI-30 (any of the TI-30 family is acceptable, but TI-34 or 36 are not)

**University Policies:** [http://www.marshall.edu/academic-affairs/?page\\_id=802](http://www.marshall.edu/academic-affairs/?page_id=802)

<b>Course Student Learning Outcomes</b>	<b>How students will practice this outcome</b>	<b>How students will be assessed on this outcome</b>
Identify and implement appropriate solution methods for single-variable equations	Online homework, written assignments, in-class activities	Course exams and common final
Identify and graph standard algebraic functions	Online homework, written assignments, in-class activities	Course exams and common final
Interpret graphs of functions	Online homework, written assignments, in-class activities	Course exams and common final
Construct functions to model applications	Online homework, written assignments, in-class activities	Course exams and common final
Communicate written mathematics using appropriate notation and explanation where appropriate	Online homework, written assignments, in-class activities	Course exams and common final

**Hawkes Mastery-based Homework and Webtests:** Each textbook section corresponds to at least one homework (Certify) section in the Hawkes learning system. To sign in, go to [learn.hawkeslearning.com](http://learn.hawkeslearning.com) and follow the onscreen prompts to enter your code.

Many assignments have prerequisite sections that must be completed prior to attempting the assignment. These prerequisites are review and reinforcement of mathematical topics that support the material you are learning in class. They are listed on the course schedule as "Prep work" and you should read through the "Learn" screens and attempt the assignments prior to the lab day they are assigned for.

**All assignments must be completed this semester, even if you have some certifications from previous semesters.**

**Exams:** There will be three midterm exams as outlined in the course schedule. Exam dates are September 13, October 11, and November 8 for classes with TR Lab and September 12, October 10, and November 7 for classes with MW Lab.

**Common Final Exam:** The common final exam for MTH 127 will take place on **Saturday December 9** from 2-4 pm. You may use the required calculator for the course (TI-30), but no other assistance (formula sheets, notebooks, phones, or other internet connected devices) will be permitted. **You must bring your own calculator or do without. There will be NO sharing of calculators permitted during the exam.**

**Grading Policies:**

Hawkes (common homework)	20%
Exam 1	15%
Exam 2	15%
Exam 3	15%
Common Final Exam	20%
Quiz	15%