**Marshall University Syllabus**

**MTH 127: College Algebra Expanded**

**Fall 2018**

**Instructor:** Devon Wright **Email:** tivener1@marshall.edu

**Office:** Smith Hall 742E **Phone:** (304)696-4333

**Office Hours: MWF** 1:00—1:50pm, **TR** noon—1:50pm, other hours by appointment

**Section/CRN/Meeting times:**

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| --- | --- | --- |
| Section 104 | CRN 2980 | M-F 11—11:50 am |
| Section 107 | CRN 2983 | M-F 2—2:50 pm |
| Section 109 | CRN 2984 | M-F 3—3:50 pm |

**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 TI-30 is acceptable (TI-30X IIS recommended),TI-34 or 36 are not)

**University Policies:** <http://www.marshall.edu/academic-affairs/?page_id=802>

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| **Course Student Learning Outcomes** | **How students will practice this outcome** | **How students will be assessed on this outcome** |
| Identify and implement appropriate solution methodsfor single-variable equations | Online homework, written assignments, in-class activities | Course exams and common final |
| Identify and graph standardalgebraic 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:** Each textbook section corresponds to at least one homework (Certify) section in the Hawkes learning system. To sign in, go to 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 term exams as outlined in the course schedule. Exam dates are September 12, October 10, and November 7 for classes with TR Lab and September 11, October 9, and November 6 for classes with MW Lab.

**Common Final Exam:** The common final exam for MTH 127 will take place on **Saturday December 8** 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:**

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| Hawkes (common homework) | 20% |
| Exam 1 | 15% |
| Exam 2 | 15% |
| Exam 3 | 15% |
| Common Final Exam | 20% |
| Exam reviews, selected activities | 10% |
| Attendance | 5% |

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