**Marshall University Syllabus**

**MTH 130: College Algebra**

**Fall 2018**

**Instructor: Vincent Smith**

**Email: smith2199@marshall.edu**

**Section/CRN: 131/3013**

**Meeting Location/Times: MWF, 0900a - 0950a**

**Office Hours: MF 10:40-12, W 9:50-11, TR 11:50-1 or by appointment.**

**Office: KANGC 326F**

**Mathematics Tutoring: TR 3-5 in the Library, no appointment necessary.**

**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, but TI-30X IIS highly recommended. TI-34 or 36 are not allowed.)

**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 midterm 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 130 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% |
| Attendance and Participation  | 15% |

**Lab Days:** On lab days students are expected to use their time to work on Hawkes assignments tied to the week’s lessons. This is **REQUIRED** for MTH 127, but it is optional for MTH 130.

**Classroom Days:** Course content will be taught with interactive lectures. Additional assessments (“Attendance and Particpation” grading category) can include written homework.

**Common Final Exam:**

* All sections of MTH 127 and MTH 130 will take a common final exam in December.
* The College Algebra Committee will provide review materials and will write the test. The test format will be approximately 70% multiple choice and 30% short answer. Questions will be solicited from instructors and curated by the committee.
* The college algebra committee will make last semester’s test available to instructors to help with preparing students.
* MTH 127 instructors, graduate assistants assigned to the course, and the course committee will grade the exams together at a common time using a common rubric.
* Individual instructors may not curve common final exam grades. Scaling of the final exam scores will be determined by the College Algebra Committee.
* Instructors may appeal a question they feel is unfair by detailing their concern in writing no later than 2 business days after the exam is given. The College Algebra Committee and Undergraduate Coordinator will consider appeals.

**Calculator Policy for Common Final:** A TI-30 is required for the final exam and **will not be provided** by the department. (A basic TI-30 is under $10 at Walmart)

**Formula Sheet:** Students **may not** bring any formula sheets to the common final. In general, most algebra formulas should be committed to memory to benefit the students’ future coursework. The formulas for simple, compound, and continuously compounded interest **will** be provided on the common final exam.

**Important Dates:**

 **Final Exam:** Saturday December 8 at 2 pm

 **Grading:** Wednesday December 12 at 10 am

**Getting Started with Hawkes**

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| In a web browser, navigate to learn.hawkeslearning.com. Click on Create an Account. Choose the appropriate option “I have an Access Code”, “I want to Purchase Access”, or “I want to request Temporary Access” and press Continue. Use your name and email as officially recorded with Marshall University. In particular, enter your Marshall email address **@live.marshall.edu**. Select product “Developmental Math”. Select your instructor and section. Verify your email as instructed. Technical AssistanceStudents requiring technical assistance with the Hawkes software should contact Hawkes directly by phone at 800-426-9538 or 843-571-2825, Monday – Friday 8:30am – 10:00pm ET, or by live chat at www.hawkeslearning.com/chat, any time 24/7.  |