

Math 121: College Algebra

In this course, students will learn how to solve types of equations such as linear, quadratic, higher-order, rational, radical, exponential, and logarithmic equations. Students will also solve linear, polynomial, and rational inequalities. Other topics include the algebra of functions (including polynomial, rational, exponential, and logarithmic functions), the graphs of some of these functions, and solving systems of equations in two variables. 3 Credits

Prerequisites

- Course cannot be booked if completed Math 261 with a grade of C or better.
- Prerequisite: Minimum ACT mathematics score of 19 (SAT 450 or SATR 510); or ALEKS PPL score of 46; or the successful completion of DS 099, if required.

Instruction Type(s)

- Lecture: Lecture for Math 121
- Lab: Lab for Math 121
- Lecture: Hybrid Lecture for Math 121
- Lecture: Web-based lecture for Math 121
- Lecture: WEB Washington Internship for Math 121
- Lecture: iStudy for Math 121

Course Fee(s) Mathematics 2

- \$50.00 for:
 - 2021-22: May, Full Summer, First Summer, Second Summer, August
- \$60.00 for:
 - 2022-23: Fall, First Fall, Second Fall, Winter, Spring, First Spring, Second Spring

Online, Internet, or Web-based

Students may be required to pay additional fees to an outside vendor for identity verification prior to a proctored assessment.

• \$100.00 per 3 Semester Credit Hours

Subject Areas

• Mathematics, General

Related Areas

- Algebra and Number Theory
- Analysis and Functional Analysis
- <u>Geometry/Geometric Analysis</u>
- <u>Topology and Foundations</u>

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

