

# 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.
- Course cannot be booked if completed Math 262 with a grade of C or better.
- Non-web meets twice weekly. Other work to be completed in JAC Math Lab.

## 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:
  - 2017-18: Fall, Second Fall, Spring, First Spring, Second Spring, May, Full Summer, First Summer, Second Summer, August
    2018-19: Fall, First Fall, Second Fall
- \$0.00 for:
  - o 2017-18: Winter

#### 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**

<u>Mathematics, General</u>

### **Related Areas**

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

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.

