# MATH 105: College Algebra

## Summer 2019

<table>
<thead>
<tr>
<th>Name of Faculty:</th>
<th>Dr Clark Kimberling, University of Evansville</th>
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<td>Contact details:</td>
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## Course Description

Treats properties of linear, quadratic, polynomial, exponential, and logarithmic functions, inequalities, and systems of equations. Develops critical thinking and emphasizes real-world applications. Includes a field trip to the International Meridian Line and Royal Observatory in Greenwich (London). Satisfies UE General Education Outcome 7. Prerequisite: three semesters of high school algebra.

## Credit Hour Policy Statement

Math 105 “meets the federal requirements of 15 in-class hours plus an expected 30 hours of out-of-class work per credit hour.” (For this 3-semester hour course, this means 45 in-class hours plus 90 hours of out-of-class learning experience, mostly as homework and preparation for tests.)

## General Education Objective

This course satisfies UE General Education Outcome 7: Quantitative Literacy and UE Mathematics Department General Education objectives in Calculation, Inference, and Representation.

## Learning Objectives

Listed below are the Learning Objectives for the course:

- To learn the topics listed above in Course Description
- To develop problem-solving abilities
- To develop abilities to read and write mathematical material

## Assessment and Grading Criteria

Four tests . . . 400 points,
Final exam . . . 150 points,
Homework . . . 50 points,
and opportunities to earn additional points.