

# Mathematics

## THE PROGRAM

The Mathematics program at Kishwaukee College prepares students interested in pursuing a degree in mathematics, statistics/ actuarial sciences, or engineering/science-based programs at a four-year college or university. The program consists of the core course sequence in mathematics through differential equations required in most bachelor's degree programs, as well as supporting coursework in biology, chemistry, physics and engineering. In addition, by completing the requirements for the Associate in Science degree at Kishwaukee College, students entering a four-year public university in Illinois will have fulfilled the General Education requirements at that institution.

A complete listing of all Associate in Science degree requirements is available in the Kishwaukee College catalog. Students planning to transfer are recommended to check with the four-year institution to which they plan to transfer for course transferability and school requirements. Students are advised to meet with a faculty advisor/counselor to review credit transfers.

## CAREER OPPORTUNITIES

With an A.S. in Mathematics, students are well-prepared to transfer to a four-year institution to continue their education Mathematics or other related programs.

In addition to fulfilling the general education requirement for an A.S. Degree, the following courses are recommended for an emphasis in Mathematics.

Mathematics Core Courses			
MAT 229	Calculus and Analytic Geometry I		(5)
MAT 230	Calculus and Analytic Geometry II		(5)
MAT 231	Calculus and Analytic Geometry II		(5)
MAT 260	Differential Equations		(3)
Additional courses may be required for certain specialization areas. Check with the transfer institution for specific program requirements.			
Computer Information Systems			
CIS 150	C++ Programming I		(3)
Other general education or major courses specific to the transfer institution.			

### **Additional Sources of Information:**

#### **DEPARTMENT**

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#### **STUDENT SERVICES**

Advising  
 815-825-9375