

# Physics

## THE PROGRAM

The Physics program at Kishwaukee College prepares students interested in pursuing a degree in physics, engineering, or other science/technology-based programs at a four-year college or university. The program consists of the core course sequence in physics and the chemistry and mathematics coursework traditionally required in most bachelor degree programs.

A complete listing of all Associate of Science degree requirements is available in the Kishwaukee College catalogue. 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 Physics, students are well-prepared to transfer to a four-year institution to continue their education in Physics 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 Physics.

Physics Core Courses		
PHY 263	Fundamentals of Physics I <b>AND</b>	(4)
PHY 273	Fundamentals of Physics II	(4)
Additional courses may be required for certain specialization areas. Check with the transfer institution for specific program requirements.		
Science		
CHE 210	General Chemistry I	(5)
CHE 211	General Chemistry II	(5)
Not all courses may be required for all specialization areas. Check with the transfer institution for specific program requirements.		

Mathematics		
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)
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