



KISHWAUKEE COLLEGE
real opportunity

Transfer Program: Engineering

Curriculum Guide – Advisement Code No. 116

THE PROGRAM

The Engineering program at Kishwaukee College prepares students interested in pursuing a degree in any field of engineering or other science/technology-based programs at a four-year college or university. The Engineering program was designed with input from the colleges of engineering at Northern Illinois University and the University of Illinois at Urbana-Champaign. The program consists of the core course sequences in engineering, chemistry, physics, mathematics, and computer information science traditionally required in the first two years in most bachelor engineering programs.

Check with the four-year college or university to which you plan to transfer to for specific course transferability and school requirements.

For a listing of the complete A.S. degree requirements, see the Mathematics, Science and Business Division Office or the Kishwaukee College catalog. The recommended courses listed should be reviewed with a College advisor/counselor to determine applicability toward Kishwaukee College degree requirements as well as bachelor degree requirements of the four-year institution to which the student will transfer.



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The following courses are recommended for an emphasis in Pre-Engineering.

Engineering Core Courses

EGR 270	Statics	(3)
EGR 272	Dynamics	(3)
EGR 280	Mechanics of Material	(3)

Science

CHE 210	General Chemistry I	(5)
CHE 211	General Chemistry II	(5)
CIS 150	C++ Programming I	(3)
CIS 250	C++ Programming II	(3)
EGR 277	Engineering Graphics/CAD	(4)
PHY 260	Physics for Science & Engineering I and	(5)
PHY 261	Physics for Science & Engineering 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	(4)
MAT 231	Calculus and Analytic Geometry III	(4)
MAT 260	Differential Equations	(3)

Other general education or major courses specific to the transfer institution.

ADDITIONAL SOURCES OF INFORMATION

DEPARTMENT

Kathy Mershon, Division Secretary
 Phone: 815-825-2086, ext. 2070
 Email: kmershon@kishwaukeecollege.edu

COUNSELORS

Counseling & Student Development Center
 Phone: 815-825-2086, ext. 5070
 TTY: 815-825-2457

Non-Discrimination/Affirmative Action Policy

It is the policy of Kishwaukee College not to tolerate sexual harassment in any form nor to discriminate on the basis of sex, age, race, creed, religion, national origin, disability status, or sexual orientation in its educational programs, activities, or employment practices. Kishwaukee College complies with the Age Discrimination in Employment Act of 1975. Inquiries regarding compliance may be directed to the Director of Human Resources at Kishwaukee College: 815-825-2086, ext. 2200.

Accessibility Assistance

Individuals needing accommodations to access the courses, programs, services, or activities publicized in this catalog should contact the Assistive Resources Center Coordinator, Room A-317, regarding course accommodations or the office of a college staff member sponsoring the program, service, or activity for which there is accessibility concern. TTY: 815-825-9106. Voice: 815-825-2086, ext. 3960.

Si habla español y necesita más información, email Gilda Madrid gmadrid@kishwaukeecollege.edu llame al 815-825-2086, ext. 3130.