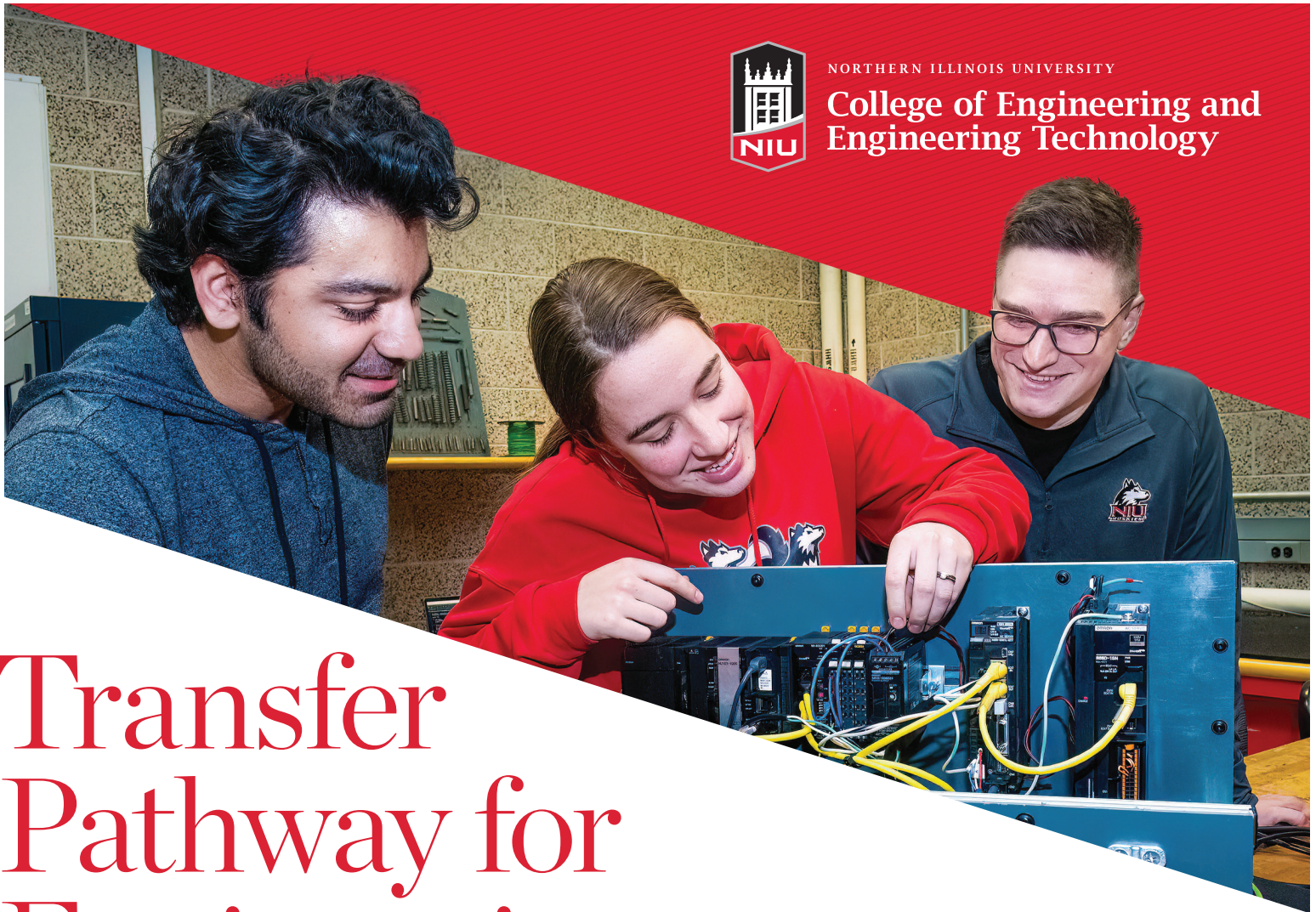




NORTHERN ILLINOIS UNIVERSITY

College of Engineering and
Engineering Technology



Transfer Pathway for Engineering

at Northern Illinois University

Northern Illinois University has a Guaranteed Admission Program (GAP) with your community college. Through GAP and completing our required courses listed on the other side, you can transfer into our College of Engineering and Engineering Technology seamlessly.

How does GAP work for our transfer pathway for engineering?

- Meet our transfer admission criteria.
go.niu.edu/transfer-criteria
- Complete our required courses listed on the other side. Review your transfer college equivalent courses online:
apps.niu.edu/CEMG
- Review our semester-by-semester listing of courses.
go.niu.edu/CEET-paths
- Complete our Guaranteed Admission Program Participation Form at least one year before your first semester at NIU.
go.niu.edu/gap-agreement
- Apply to NIU one year before your first semester at NIU.
apply.niu.edu

Engineering Majors

Electrical Engineering (ELE)
Mechanical Engineering (MEE)
Industrial and Systems Engineering (ISYE)
Biomedical Engineering (BME)
Mechatronics Engineering (MCTR)
Electrical Engineering Technology (EET)
Manufacturing Engineering Technology (MET)
Industrial Management and Technology (IMT)
Energy and Environmental Engineering Technology (EEET)
Applied Manufacturing Technology (AMT)

NIU Transfer Admissions

go.niu.edu/transfer

College of Engineering and Engineering Technology Central Advising

go.niu.edu/ceet-advising



NORTHERN ILLINOIS UNIVERSITY

College of Engineering and Engineering Technology

Required Courses for Engineering Majors at NIU

	ELE	MEE	ISYE	BME	MCTR	EET	MET	IMT	EEET	AMT
CHEM 210 General Chemistry I (3)*	X	X	X	X	X					
CHEM 212 General Chemistry Laboratory I (1)*	X	X	X	X	X					
COMS 100 Fundamentals of Communication (3)	X	X	X	X	X	X	X	X	X	X
CSCI 240 Computer Programming in C++ (4)	X	X	X	X	X	X				
ELE 210 Engineering Circuit Analysis (3)	X	X	X	X	X					
ELE 210U Engineering Circuit Laboratory Project (1)	X	X	X	X	X					
ENGL 103 Composition I (3)**	X	X	X	X	X	X	X	X	X	X
ENGL 203 Composition II (3)**	X	X	X	X	X	X	X	X	X	X
MATH 229 Calculus I (4)*	X	X	X	X	X	X	X		X	
MATH 230 Calculus II (4)	X	X	X	X	X	X	X			
MATH 232 Calculus III (4)	X	X	X	X	X					
MATH 336 Ordinary Differential Equations (3)	X	X	X	X	X					
MEE 209 Engineering Mechanics: Statics and Dynamics (4) or MEE 210 Engineering Mechanics I (3) and MEE 211 Engineering Mechanics II (3)	X	X	X	X	X					
PHYS 253 Fundamentals of Physics I: Mechanics (4)*	X	X	X	X	X					
PHYS 273 Fundamentals of Physics II: Electromagnetism (4)*	X	X	X	X	X					
UEET 101 Introduction to Engineering (1) or UEET 301 Transition to the Profession of Engineering (1)	X	X	X	X	X					
CHEM 110 Chemistry (3)* and CHEM 111 Chemistry Laboratory (1)*						X	X	X	X	X
MATH 155 Trigonometry and Elementary Functions (3)**						X	X	X	X	X
PHYS 150 Physics (3)* and PHYS 151 Physics Laboratory (1)*								X	X	
PHYS 210 General Physics I (4)*						X	X			
STAT 100 Basic Statistics (3)*						X	X	X	X	X
TECH 175 Electricity and Electronics Fundamentals (3)						X	X	X	X	
TECH 175A Electricity and Electronics Fundamentals Laboratory (1)						X	X	X	X	
TECH 211 Computer-aided Design (3)							X	X	X	X
TECH 302 Presentation and Communication Skills for Technology (3) or ENGL 308 Technical Writing (3) or MGMT 346 Business Communication (3)						X	X	X	X	X

* Course also fulfills NIU General Education requirement.

** Course also fulfills Foundational Studies Writing requirement.

Based on 2022-2023 catalog.

NIU Transfer Admissions

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