



Northern Illinois University
ENGINEERING
TRANSFER GUIDE
2017-2018

DeKalb, IL 60115-2857
 815-753-0446
 1-800-892-3050
www.niu.edu

Tuition: \$15,551 per year
 Room & Board: \$12,020 per year
 Enrollment: 21,138

THIS TRANSFER GUIDE CONTAINS IMPORTANT TRANSFER INFORMATION THAT CAN IMPACT A STUDENT'S ABILITY TO TRANSFER AND COMPLETE THEIR STUDIES IN A TIMELY MANNER.

The information on this sheet is subject to frequent change; students should contact the four-year school to keep informed of changes. Final responsibility for verifying all transfer information lies with the student.

ADMISSION

Early application is strongly suggested. Students are encouraged to complete as many of the required engineering courses listed below with a 2.0 GPA at the community college before transferring to NIU:

Electrical Engineering	Industrial & Systems Engineering	Mechanical Engineering
ENG 101, 102	ENG 101, 102	ENG 101, 102
CHM 121	CHM 121	CHM 121
CSC 121	CSC 121	CSC 121
EGR 100, 210, 211, 260 & 262, 270	EGR 100, 120, 210, 211, 260	EGR 100, 120, 210, 211, 212, 240, 260 & 262
MTH 200, 201, 202, 212	MTH 200, 201, 202, 212	MTH 200, 201, 202, 212
PHY 201, 202, 203	PHY 201, 202	PHY 201, 202
SPE 101	SPE 101	SPE 101
	ECO 211 or 212	
	PSY 101	

ADDITION INFORMATION FOR BUSINESS, NURSING, ENGINEERING AND EDUCATION MAJORS

Students planning on majoring in Business, Nursing, Engineering or Education should consult the Business Packet or the Nursing Packet or the Engineering Packet or the Education Packet found at www.harpercollege.edu/transfer for additional transfer requirements.

Students should review this website http://www.niu.edu/CEET/tpt_colleges/harper/index.shtml for transferability of Harper courses. Students should see a NIU Engineering advisor prior to registering for classes to meet the requirements below.

COURSES

- Students may take EGR 100 at Harper. Otherwise NIU's UEET 101 must be taken during the student's first fall or spring term at Northern.
- All engineering majors must meet the specific engineering general education requirements for the Accreditation Board for Engineering and Technology (ABET). Meeting ABET requirements means that all students must have 18 hours of general education course work in the humanities and arts, social sciences and interdisciplinary areas.
- Specific ABET General Education Requirements in the Humanities and Arts and the Social Sciences (18 Hours Required)

Guidelines for Students Transferring With an AA or AS:

Transferring under the compact agreement, you will have fulfilled the university general education requirements. Although transfer students with A.A or A.S degree may already have completed the university's general education requirements as discussed in "Admission" in the Northern Illinois University Catalog, their course work must include a minimum of 18 semester

hours in humanities, arts, social sciences, and interdisciplinary areas. The rationale behind this statement is that although ABET sequencing is no longer required, A.S or A.A students need to demonstrate 9 hours in humanities and arts, 6 hours in social sciences, and 3 hours in interdisciplinary studies.

Guidelines for Students Transferring Without an AA or AS:

You will be required to meet all NIU university general education requirements in addition to ensuring you have 18 hours in the humanities, arts, social sciences and interdisciplinary areas. By combining the university general education information provided in the Northern Illinois University Engineering Transfer Guide with the information that follows you will be able to minimize the course work necessary to meet all requirements. Because of the number of hours involved, some of this course work may need to be completed after transferring to NIU.

You also must have a minimum of 6 hour sequences in the social sciences and a 3 hour course in interdisciplinary studies to bring you to the 18 hour total.

ACCREDITATION

Accreditation Board for Engineering and Technology (ABET).

MISCELLANEOUS

Harper has a compact agreement with Northern Illinois University for students earning an A.A. or A.S. degree. NIU offers a Cooperative Education/Internship Program. Assignments involve at least 2 semesters (one may be a summer term) between the sophomore and senior years or a one-semester assignment as a senior intern.

Students must be in good standing at the last college attended. Students with an AA or AS degree completed or in progress at the time of application will be admitted with a minimum 2.0 GPA (on a 4.0 scale) as calculated by NIU. Students who have earned 60 transferable semester hours at the time of application will be admitted with a 2.0 GPA (on a 4.0 scale) as calculated by NIU. Transcripts must show 60 semester hours completed (not in progress) to be admitted with a 2.0 GPA.

Applicants who have attempted up to and including 12 semester hours must meet freshman admission requirements. The GPA earned for the attempted 12 credit hours will not be used for admission.

If 60 transferable semester hours have not been completed at the time of application, students will need a 2.5 cumulative GPA as calculated by NIU. Students who will have completed 60 transferable semester hours by the end of the semester prior to enrollment may be admitted with a 2.0 after a transcript showing that courses in progress have been completed is received. The minimum number of hours required for admission without meeting current freshman admission criteria is 24 transferable semester hours.

TRANSFER CREDIT

Transfer credit from two-year colleges is limited to 66 semester hours plus a maximum of four semester hours of physical education activity credit.

CALCULATION OF ADMISSION GRADE POINT AVERAGE

- Per NIU's repeat policy, courses where a grade of C or better was earned can not be repeated. Repeated courses for which a grade of C or better was received in the first attempt will not be calculated in the admission GPA, nor will such a course be accepted for transfer credit.
- If D or F courses are repeated, the second attempt only will be utilized in calculating the GPA.
- Certain majors require special admission grading policies. All students, including those earning an AA or AS degree, who intend to major in one of these programs will be held to these grading policies.

APPLICATION DEADLINES

The completed application and all supporting documents must be on file in the Office of Admissions by the dates listed below. However, early application is strongly recommended. The application process begins every September 1st.

Term	Application Deadline
Fall	August 1 st
Spring	December 1 st
Summer	May 15 th

TRANSFER SCHOLARSHIPS

NIU has several scholarships to offer to new students, including Phi Theta Kappa and the NIU Transfer Scholarship. Please see <http://www.scholarships.niu.edu/scholarships/index.shtml> for a complete list.

Also check out the NIU Scholarship Finder <http://www.scholarships.niu.edu/scholarships/search/index.shtml>

ADDITIONAL ASSISTANCE

For assistance with the transfer process, contact:

- Academic Advising and Counseling Center in I-117 (847-925-6393)
- Center for Multicultural Learning in A-347 (847-925-6522)
- Career Development Center in A-347 (847-925-6220)

Northern Illinois University Transfer Guide

Below are the Progressive Learning in Undergraduate Studies (PLUS) general education requirements for Northern Illinois University. Individual majors may require additional course work for admission and/or additional general education course work for graduation.

Final decisions regarding the acceptance of credit rest with Northern Illinois University.

Students transferring with an AA or AS (1998-2015) degree or the IAI General Education Core (Groups 1-5) will have met the general education requirements listed below.

FOUNDATION STUDIES	SEMESTER HRS REQUIRED	EQUIVALENT HARPER COURSES
1 st Year Rhetoric & Composition <i>A grade of "C" or better is required in ENG 101 & 102</i>	3	ENG 101
2 nd Year Writing in Domains <i>A grade of "C" or better is required in ENG 101 & 102</i>	3	ENG 102
Oral Communication	3	SPE 101
Quantitative Literacy <i>A grade of "C" or better is required (in all except MATH 101).</i> <i>* Both MTH 130 & 131 must be taken to meet the math requirement.</i>	3	MTH 162 or 165 or 225, MTH 101, 124, 130 & 131*, 134 or 200, 140, 201, 202, 220

KNOWLEDGE DOMAIN STUDIES	SEMESTER HRS REQUIRED	EQUIVALENT HARPER COURSES
Creativity & Critical Analysis	6-9	ART 105, 114, 130, 131, 132, 133; CHN 202; FRN 202, 210; GER 202, 210; HST 105, 111, 112, 210, 212; HUM 101, 102, 103, 104, 105, 107, 110, 115, 120; JPN 202; LIT 105, 110, 112, 115, 206, 207, 208, 210, 220, 221, 222, 223, 224, 231, 232, 241; MUS 103, 104, 106, 120; PHI 101, 102, 105, 115, 120, 160, 170, 190, 205, 215, 220, 231, 232; SGN 210; SPA 202, 210; SPE 111, 121
Nature & Technology	6-9	ANT 205; AST 100, 101, 112, 115; BIO 101, 103, 104, 105, 110, 120, 135, 140, 150; CHM 100, 103, 105, 110, 121, 122, 125; CIS 106; ESC 100, 110, 111, 112, 113, 121; GEG 111, 112; KIN 203; MTH 162 or 165; PHS 101, 105, 111, 112; PHY 121, 122, 201, 202
Society & Culture	6-9	ANT 101, 202, 205, 206, 210; ECE 102; ECO 200, 210, 211, 212; EDU 201; GEG 100, 101, 103, 104, 210; HED 200; HST 111, 112, 121, 141, 142, 212, 231, 232, 241, 242, 243, 245; KIN 224; PSC 101, 220, 250, 270, 280; PSY 101, 216, 217, 218, 228, 235; SOC 101, 120, 205, 210, 215, 230, 235

Note: Other Harper courses are transferable to NIU but do not satisfy general education requirements. Check with Harper's Academic Advising and Counseling Center in I-117

(847-925-6393) or Center for Multicultural Learning in A-347 (847-925-6393) or Career Development Center in A-347 (847-925-6220) for a complete listing of transferable courses.

ENGINEERING CORE COURSES <i>Students should complete as many of the courses listed below with a C or better before transferring to NIU</i>	EQUIVALENT HARPER COURSES
CHEM 210 & 212	CHM 121
CSCI 240	CSC 121
ECON 260 or 261	ECO 211 or 212 <i>(Not required for Electrical and Mechanical Engineering)</i>
UEET 101	EGR 100
MEE 270	EGR 120 <i>(Not required for Electrical Engineering)</i>
MEE 210	EGR 210
MEE 211	EGR 211
MEE 212	EGR 212 <i>(Not required for Electrical and Industrial Engineering)</i>
MEE 350	EGR 240 <i>(Not required for Electrical and Industrial Engineering)</i>
ELE 210U	EGR 260 & 262 <i>(EGR 262 Not required for Industrial Engineering)</i>
ELE 250	EGR 270 <i>(Not required for Industrial and Mechanical)</i>
ENGL 103	ENG 101
ENGL 104	ENG 102
MATH 229	MTH 200
MATH 230	MTH 201
MATH 232	MTH 202
MATH 336	MTH 212
PHYS 253	PHY 201
PHYS 273	PHY 202
PHYS 283 & 284	PHY 203 <i>(Not required for Mechanical and Industrial Engineering)</i>
PSYC 102	PSY 101
COMS 100	SPE 101

PROGRAMS OF STUDY AT NORTHERN ILLINOIS UNIVERSITY

Business

Accountancy (B.S.)
Business Administration (B.S.)
Finance (B.S.)
Management (B.S.)
Marketing (B.S.)
Operations and Information Management (B.S.)

Education

Early Childhood Studies (B.S.)
Elementary Education (B.S.Ed.)
Kinesiology (B.S.)
Physical Education (B.S.Ed.)
Special Education (B.S.Ed.)

Engineering

Electrical Engineering (B.S.)
Industrial and Systems Engineering (B.S.)
Mechanical Engineering (B.S.)
Technology (B.S.)

Health and Human Sciences

Communicative Disorders (B.S.)
Family and Child Studies (B.S.)
Health Education (B.S.Ed.)
Health Sciences (B.S.)
Medical Laboratory Sciences (B.S.)
Nursing (B.S.)
Nutrition, Dietetics, and Hospitality Administration (B.S.)
Public Health (B.S.)
Textiles, Apparel, and Merchandising (B.S.)

Visual and Performing Arts

Art (B.A.)
Art Education - 2 options (B.S.Ed.)
Art History (B.A.)
Art, Studio - 11 options (B.F.A.)
Music (B.A.)
Music - 8 options (B.M.)
Theatre Arts - 3 options (B.F.A.)
Theatre Studies (B.A.)

Liberal Arts and Sciences

Anthropology (B.A. and B.S.)
Biological Sciences (B.S.)
Chemistry (B.S.)
Communication Studies (B.A. and B.S.)
Computer Science (B.S.)
Economics (B.A. and B.S.)
English (B.A.)
French (B.A.)
Geography (B.A. and B.S.)
Geology and Environmental Geosciences (B.S.)
German (B.A.)
History (B.A. and B.S.)
Journalism (B.A. and B.S.)
Mathematical Sciences (B.S.)
Meteorology (B.S.)
Philosophy (B.A.)
Physics (B.S.)
Political Science (B.A. and B.S.)
Psychology (B.A. and B.S.)
Russian (B.A.)
Sociology (B.A. and B.S.)
Spanish (B.A.)

Contract Majors

Education (B.G.S.)
Education (B.S.)
Engineering and Engineering Technology (B.G.S.)
Health and Human Sciences (B.S.)
Liberal Arts and Sciences (B.A. or B.S.)
Liberal Arts and Sciences (B.G.S.)
Visual and Performing Arts (B.A.)
Visual and Performing Arts (B.G.S.)