TRANSFER PLANNING WORKSHEET: 2025-2026

NORTH CENTRAL COLLEGE 1861

FOR PLANNING USE ONLY – NOT AN OFFICIAL DEGREE AUDIT

Student Name:_____North Central ID#_____College Representative:_____Date:_____

Your guide for transferring:

- Transfer students with an earned Associate of Arts or Associate of Science will only need to fulfill Career Readiness.
- At least 64 credit hours must be taken at a four-year institution; at least 128 credit hours are required for graduation.
- Some courses may have pre-requisites; please consult the course catalog. One course may fulfill a requirement in up to three different designations.
- Global Understanding can be fulfilled by Study Abroad, including May Term (indicated by *).
- Students with less than 28 transferable hours will need to complete CARD 110, a 1-credit transition course.

GENERAL EDUCATION

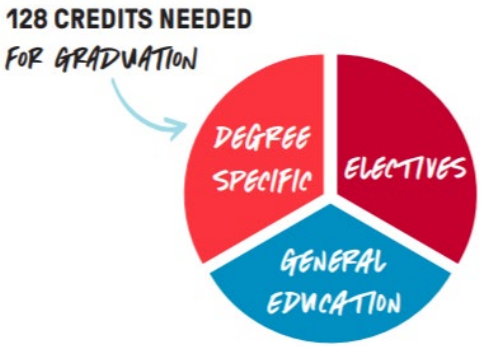
Requirement	Course Number/Title	Credit	Grade
Composition	ENG 101 @ Harper		
Writing Intensive	ENG 102 @ Harper		
Public Speaking	SPE 101 @ Harper		
Arts	Any "ART" in guide		
Humanities	Completed in major		
Social Science	Any "SOC" in guide		
Science	Any "SCI" in guide		
Quantitative Analysis	Completed in major		
Power Structures **or** Global Understanding*	Any "POW" or "GLO" in guide		
Ethical Dimensions	Completed in major		
Well Being	ECO 115, HED 200, KIN 202, or KIN 203 @ Harper		
Experiential (one of the following): *-Community Engaged Learning* *-Study Away/Study Abroad* *-Student Research* *-Liberal Arts and Problems of Today*			
Career Readiness (Must be taken at NC)			

ELECTIVES

Course Number/Title	Credit	Grade

DEGREE-SPECIFIC REQUIREMENTS

B.A. – Foreign Language	• 3 years H.S. with "B" average or • LANG 102 or equivalent or • Designated Study Abroad or • LANG 390 or CLSS 190 (available **only** to transfers entering with a **minimum of 51 transferable credits**) *Some majors may require courses in addition to foreign language*
B.S., B.B.A., B.F.A., & B.M.E.	• Determined by individual major



Additional Notes: Harper transfer guide: https://www.northcentralcollege.edu/sites/default/files/2025-2026%20HC%20Transfer%20Guide%20Final.pdf

Transfer Planning Worksheet 2025-2026

NORTH CENTRAL COLLEGE 1861

Student Name:_____North Central ID#_____College Representative:_____Date:_____

Computer Engineering, B.S.

Computer Engineering is a blend of computer science and electrical engineering. Our students see a broad spectrum of applications in the areas of computer hardware/software and electronics.

Major Requirements

A minimum of 45 credit hours of Engineering coursework to include:

Core Courses

Course Name	Equivalent	Credit	Grade
CSCE 160 - Introduction to Computer Programming	CIS 216, CSC 121, CSC 122, or CSC 214 @ Harper		
CSCE 210 - Data Structures	CSC 216 @ Harper		
CSCE 220 - Computer Organization and Design	CSC 217 @ Harper		
CSCE 230 - Discrete Structures	MTH 220 @ Harper		
CSCE 306 - Object-Oriented Software Development			
CSCE 320 - Computer Architecture			
CSCE 420 - Operating Systems			
CSCE 494 - Senior Capstone			
Four credit hours of CSCE or INFS electives at or above the 200-level			
ELEC 150 - Introduction to Electrical Engineering	EGR 110 @ Harper		
ELEC 200 - Digital Logic I	EGR 270 @ Harper		
ELEC 250 - Circuit Analysis I	EGR 265 @ Harper		
ELEC 280 - Microcontrollers			
ENGR 100 - Introduction to Engineering	EGR 100 @ Harper		
ENGR 110 - The Engineering Method			
ENGR 120 - Engineering Calculations			

Required Support Courses for the B.S. Degree

Ethics

One of the following:

Course Name	Equivalent	Credit	Grade
PHIL 110 - Ethics	PHI 115 @ Harper		
PHIL 210 - Professional Ethics	PHI 150 @ Harper		

Mathematics and Laboratory Science

A minimum of 30 credit hours of Mathematics and Science coursework to include:

Mathematics

Course Name	Equivalent	Credit	Grade
MATH 151 - Calculus I *	MTH 200 @ Harper		
MATH 152 - Calculus II	MTH 201 @ Harper		
MATH 253 - Calculus III	MTH 202 @ Harper		
MATH 255 - Linear Algebra and Differential Equation			

Laboratory Science

Eight credit hours from the following:

Course Name	Equivalent	Credit	Grade
BIOL 106 - Introduction to Environmental Science	BIO 104 @ Harper		
BIOL 108 - Water, Food and Sex			

BIOL 109 - Genes and Our Genetic Future			
BIOL 195 - Investigating Biology or BIOL 205 - Exploring Biology			
CHEM 121 - General Chemistry I	CHM 121 @ Harper		
CHEM 122 - General Chemistry II	CHM 122 @ Harper		
CHEM 125 - General Chemistry for Engineers			
PHYS 110 - Astronomy	AST 100 @ Harper		
PHYS 161 - Physics I: Mechanics and Heat	PHY 201 @ Harper		
PHYS 162 - Physics II: Electromagnetism, Waves and Optics	PHY 202 @ Harper		

Statistics/Probability

A minimum of four credit hours from one of the following options:

Option 1

Course Name	Equivalent	Credit	Grade
MATH 340 - Probability			

Option 2

One of the following:

Course Name	Equivalent	Credit	Grade
BUSN 265 – Business and Economics Statistics	MTH 225 @ Harper		
PSYC 250 - Statistics	MTH 165 @ Harper		

-AND-

A minimum of two additional credit hours from:

- A course in the Lab Science List
- A mathematics course with a minimum prerequisite of MATH 151

Notes:

*Mathematics and Laboratory Science hours based on ABET criteria:

- CSCE 230 applies to the Mathematics and Science total hours.
- If students do not meet the minimum Mathematics and Science requirements, additional coursework may need to be taken.
- Courses below MATH 151 do not apply to the required credit hours in Mathematics and Science.

**Students who do not place into MATH 151 must successfully complete the course prerequisite, MATH 140.