

TRANSFER PLANNING WORKSHEET: 2025-2026



NORTH CENTRAL COLLEGE 1861

NAPERVILLE'S UNIVERSITY™

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

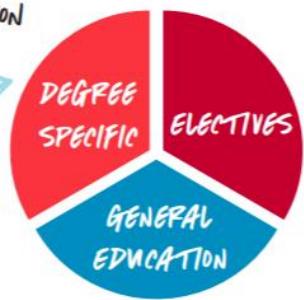
Requirement	Course Number/Title	Credit	Grade
Composition	ENG 101 @ ECC		
Writing Intensive	ENG 102 @ ECC		
Public Speaking	CMS 101 @ ECC		
Arts	Any "ART" in guide		
Humanities	Completed in major		
Social Science	Any "SOC" in guide		
Science	Any "SCI" in guide		
Quantitative Analysis	Completed in major		
Power Structures or Global Understanding*	Any "POW" or "GLO" in guide		
Ethical Dimensions	Completed in major		
Well Being	BUS 105, PHR 101, or PHR 102 @ ECC		
Experiential (one of the following): <i>-Community Engaged Learning -Study Away/Study Abroad -Student Research -Liberal Arts and Problems of Today</i>			
Career Readiness (Must be taken at NC)			

ELECTIVES

DEGREE-SPECIFIC REQUIREMENTS

B.A. – Foreign Language	<ul style="list-style-type: none"> • 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) <p><i>Some majors may require courses in addition to foreign language</i></p>
B.S., B.B.A., B.F.A., & B.M.E.	<ul style="list-style-type: none"> • Determined by individual major

**128 CREDITS NEEDED
FOR GRADUATION**



Additional Notes: ECC Transfer Guide: <https://www.northcentralcollege.edu/sites/default/files/2025-2026%20ECC%20Transfer%20Guide%20Final.pdf>

Transfer Planning Worksheet

2025-2026



**NORTH CENTRAL
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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 121 @ ECC			
CSCE 210 - Data Structures	CIS 226 @ ECC			
CSCE 220 - Computer Organization and Design	CIS 227 @ ECC			
CSCE 230 - Discrete Structures	CIS 127 @ ECC			
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				
ELEC 200 - Digital Logic I	EGR 292 @ ECC			
ELEC 250 - Circuit Analysis I	EGR 272 @ ECC			
ELEC 280 - Microcontrollers				
ENGR 100 - Introduction to Engineering	EGR 100 @ ECC			
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	HUM 216 @ ECC		
PHIL 210 - Professional Ethics			

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 190 @ ECC		
MATH 152 - Calculus II	MTH 210 @ ECC		
MATH 253 - Calculus III	MTH 230 @ ECC		
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 105 or BIO 115 @ ECC		
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 142 @ ECC		
CHEM 122 - General Chemistry II	CHM 143 @ ECC		
CHEM 125 - General Chemistry for Engineers			
PHYS 110 - Astronomy	ATY 100 @ ECC		
PHYS 161 - Physics I: Mechanics and Heat	PHY 211 @ ECC		
PHYS 162 - Physics II: Electromagnetism, Waves and Optics	PHY 212 @ ECC		

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	BUS 140 or MTH 120 @ ECC		
PSYC 250 - Statistics	MTH 102 @ ECC		

-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.