



**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	COM 101 @ MVCC		
Writing Intensive	COM 102 @ MVCC		
Public Speaking	COM 103 @ MVCC		
Arts	Any "ART" in guide		
Humanities	Completed in major		
Social Science	Any "SOC" in guide		
Science	Completed in major		
Quantitative Analysis	Completed in major		
Power Structures or Global Understanding*	Any "POW" or "GLO" in guide		
Ethical Dimensions	Completed in major		
Well Being	BUS 116, BUS 135, or ECO 100 @ MVCC		
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)			

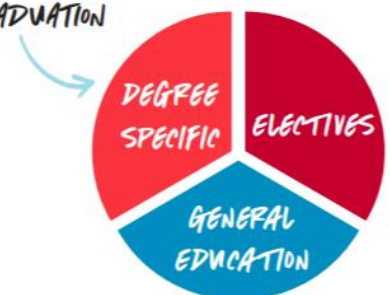
ELECTIVES

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

Transfer Planning Worksheet 2025-2026



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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	CSC 140, CIS 160, CIS 165, or CIS 176 @ MVCC		
CSCE 210 - Data Structures	CSC 280 @ MVCC		
CSCE 220 - Computer Organization and Design			
CSCE 230 - Discrete Structures	MTH 215 @ MVCC		
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			
ELEC 250 - Circuit Analysis I	EGN 205 @ MVCC		
ELEC 280 - Microcontrollers			
ENGR 100 - Introduction to Engineering			
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 125 @ MVCC		
PHIL 210 - Professional Ethics	BUS 226 or PHI 226 @ MVCC		

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 150 @ MVCC		
MATH 152 - Calculus II	MTH 151 @ MVCC		
MATH 253 - Calculus III	MTH 152 @ MVCC		
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	NAT 111 @ MVCC		
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 131 @ MVCC		
CHEM 122 - General Chemistry II	CHM 132 @ MVCC		
CHEM 125 - General Chemistry for Engineers			
PHYS 110 - Astronomy	PHS 103 @ MVCC		
PHYS 161 - Physics I: Mechanics and Heat	PHY 203 @ MVCC		
PHYS 162 - Physics II: Electromagnetism, Waves and Optics	PHY 204 + PHY 205 @ MVCC		

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 212 @ MVCC		
PSYC 250 - Statistics	MTH 139 @ MVCC		

-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.