TRANSFER PLANNING WORKSHEET: 2020-2021

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:

- Some courses may have pre-requisites; please consult the course catalog.
- At least 64 credit hours must be taken at a four-year institution; at least 128 credit hours are required for graduation.
- One course may fulfill a requirement in up to three different designations.
- Transfer students with an earned Associate of Arts or Associate of Science will only need to fulfill the Transfer Seminar, Well-Being, and Senior Seminar (indicated with *).
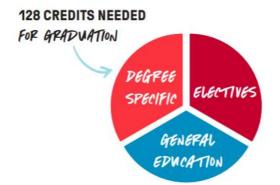
GENERAL EDUCATION

	Requirement	Course Number/Title	Credit	Grade
Core Requirements *May be fulfilled at NCC or through approved transfer courses*	Composition	ENGL 1101 @ COD		
	Writing Intensive	Completed in major		
	Public Speaking	SPEE 1100 @ COD		
	Fine Arts	Any "ART" in guide		
	Humanities	Any "HUM" in guide		
	Social Science	Any "SOC" in guide		
	Science	Any "SCI" in guide		
	Quantitative Analysis	Completed in major		
	Power Structures	Any "POW" in guide		
	Ethical Dimensions	Any "ETH" in guide		
	Global Understanding	Any "GLO" in guide		
	Icons *Transfers with 28 or more transferable credit hours at entry are exempt*	Exempt if transferring with more than 28 credit hours		
	Well Being*	BUSI 1120, ECON 1110, or PE 2251 @ COD		
NCC Reqs.	Transfer Seminar* *Must be taken at NCC*			
	Senior Seminar* *Must be taken at NCC*			

ELECTIVES

Course Number/Title	Credit	Grade

DEGREE-SPECIFIC REQUIREMENTS

B.A. – Foreign Language	- 3 years H.S. with "B" average or - MCL 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.	- Determined by individual major
B.B.A.	- Determined by individual major
B.M.E.	- Determined by individual major

128 CREDITS NEEDED FOR GRADUATION

DEGREE SPECIFIC / ELECTIVES / GENERAL EDUCATION

Additional Notes: COD course substitution guide: https://www.northcentralcollege.edu/sites/default/files/C_DuPage2020.pdf

Transfer Planning Worksheet
2020-2021

NORTH CENTRAL COLLEGE 1861

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

Applied Mathematics, B.S.

The study of mathematics can reveal its beauty and wonder and can develop a student's potential for logical thought. College mathematics has evolved from arithmetic and geometry, two of the seven original Liberal Arts, to a variety of abstract and applied topics. Applications of mathematics occur in science, engineering, medicine, business, statistics, psychology, social science and other areas. A bachelor's degree in mathematics can lead to graduate study in mathematics or statistics, secondary teaching, actuarial science, industrial or governmental research or careers in business.

Major Requirements

Course Name	Equivalent	Credit	Grade
MATH 151 - Calculus I	MATH 2231 @ COD		
MATH 152 - Calculus II	MATH 2232 @ COD		
MATH 253 - Calculus III	MATH 2233 @ COD		
MATH 260 - Introduction to Mathematical Statistics			
MATH 280 - The Nature of Proof in Mathematics	MATH 2300 @ COD		
MATH 300 - Linear Algebra	MATH 2245 @ COD		
MATH 315 - Ordinary Differential Equations	MATH 2270 @ COD		
MATH 350 - Data Analytics			
MATH 390 - Research Methods			
MATH 490 - Seminar in Advanced Mathematics			
CSCE 160 - Introduction to Computer Programming	CIS 2485, CIS 2531, CIS 2541, CIS 2571, or CIS 2572		
CSCE 210 - Data Structures	CIS 2542 @ COD		
A minor in an applied area (Biology, Biochemistry, Chemistry, Computer Science, Economics, Environmental Studies, Finance, Neuroscience, Physics, Psychology or other minor approved by the department)			

One of the following sequences:

This choice should pair with the applied area; please consult the department.

Course Name	Equivalent	Credit	Grade
MATH 421 - Abstract Algebra I			
MATH 422 - Abstract Algebra II			
-or-			
MATH 461 - Real Analysis I			
MATH 462 - Real Analysis II			