

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 <i>May be fulfilled at NCC or through approved transfer courses</i>	Composition	ENGL 1101 @ COD		
	Writing Intensive	ENGL 1102 @ COD		
	Public Speaking	SPEE 1100 @ COD		
	Fine Arts	Any "ART" in guide		
	Humanities	Any "HUM" in guide		
	Social Science	Any "SOC" in guide		
	Science	Completed in major		
	Quantitative Analysis	Completed in major		
	Power Structures	Any "POW" in guide		
	Ethical Dimensions	Any "ETH" in guide		
	Global Understanding	Any "GLO" in guide		
	Icons <i>Transfers with 28 or more transferable credit hours at entry are exempt</i>	Exempt if transferring with more than 28 credit hours		
	Well Being*	BUSI 1120, ECON 1110, or PE 2251 @ COD		
NCC Reqs.	Transfer Seminar* <i>Must be taken at NCC</i>			
	Senior Seminar* <i>Must be taken at NCC</i>			

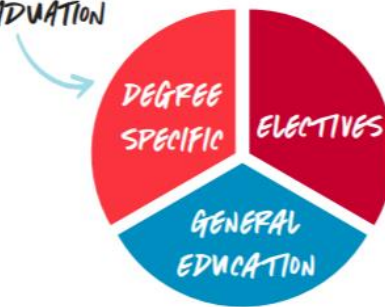
ELECTIVES

Course Number/Title	Credit	Grade

DEGREE-SPECIFIC REQUIREMENTS

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

128 CREDITS NEEDED
FOR GRADUATION



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

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Student Name: _____ North Central ID# _____ College Representative: _____ Date: _____

Physics, Professional Track, B.S.

At North Central, physics majors study the tiny particles that can help solve the biggest mysteries of the universe. At North Central, you'll join those scientists. Fulltime professors teach all of our science courses—no teaching assistants here—so from day one you'll work side by side with the experts, both in the lab and in the classroom. You'll gain the research and academic experience you'll need to pursue graduate studies or employment in the physics industry.

Major Requirements

Course Name	Equivalent	Credit	Grade
PHYS 160 - Einstein and Heisenberg: Physics of the Fast and the Small			
PHYS 161 - Physics I: Mechanics and Heat	PHYS 2111 @ COD		
PHYS 162 - Physics II: Electromagnetism, Waves and Optics	PHYS 2112 @ COD		
PHYS 200 - Electronic Instrumentation for Scientists			
PHYS 263 - Physics III: Quantum Physics			
PHYS 264 - Experimental Quantum Physics			
PHYS 300 - Computational Mechanics			
PHYS 391 - Seminar I			
PHYS 392 - Seminar II			
PHYS 410 - Advanced Experimental Physics			
PHYS 440 - Quantum Mechanics			
Electives			
One of the following:			
Course Name	Equivalent	Credit	Grade
PHYS 420 - Electromagnetic Theory			
PHYS 490 - Topics (minimum four credit hours)			
300- or 400-level Physics			
Four additional credit hours of Physics at the 300- or 400-level, not including PHYS 395 or internships.			
Required Support Courses			
Course Name	Equivalent	Credit	Grade
CSCE 160 - Introduction to Computer Programming	CIS 2485, 2531, 2541, 2571, or 2572 @ COD		
ENGR 120 - Engineering Calculations			
MATH 151 - Calculus I	MATH 2231 @ COD		
MATH 152 - Calculus II	MATH 2232 @ COD		
MATH 253 - Calculus III	MATH 2233 @ COD		
One of the following:			
Course Name	Equivalent	Credit	Grade
MATH 255 - Linear Algebra and Differential Equation			
MATH 300 - Linear Algebra	MATH 2245 @ COD		