

**MINIMUM QUALIFICATIONS
MATHEMATICS, SCIENCE, AND HEALTH SERVICES**

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
ENTREPRENEURIAL AGRICULTURE				
AGR 104	Introduction to Agriculture*	1.2	Bachelor's degree in the agricultural area + 2,000 hours of related work experience; Working knowledge of the fundamentals of agriculture science and the industry.	Associate in Applied Science degree in the Agriculture area+ 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Working knowledge of the fundamentals of agriculture science and the industry.
AGR 107	Introductory Agriculture Practicum*	1.2	Bachelor's degree in the agricultural area + 2,000 hours of related work experience; Working knowledge of the fundamentals of vegetable and fruit production.	Associate in Applied Science degree in the Agriculture area+ 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Working knowledge of vegetable and fruit production.
AGR 226	Advanced Agriculture Internship*	1.2	Bachelor's degree in the agricultural area + 2,000 hours of related work experience.	Associate in Applied Science degree in the Agriculture area+ 8,000 hours of related work experience; Or, 18,000 hours of related work experience.
BIOLOGY				
BIO 110	Introduction to Human Biology	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
BIO 130	Environmental Field Biology	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
BIO 138	Heredity, Ethics and Society	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
BIO 157	Fundamentals of Biology	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
BIO 158	Evolution and Biodiversity	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
BIO 255	Microbiology	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
BIO 263	Human Anatomy and Physiology I	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
BIO 264	Human Anatomy and Physiology II	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
CANCER REGISTRY MANAGEMENT				
CRM 225	Cancer Registry Structure & Management	1.2	Associate degree, 2 years work related experience, and a CTR credential OR Bachelor's degree, 1 year related experience and a CTR credential	Associate degree, 2 years work related experience, and a CTR credential OR Bachelor's degree, 1 yr related experience and a CTR credential
CRM 245	Cancer Registry Operations	1.2	Associate degree, 2 years work related experience, and a CTR credential OR Bachelor's degree, 1 year related experience and a CTR credential	Associate degree, 2 years work related experience, and a CTR credential OR Bachelor's degree, 1 yr related experience and a CTR credential

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CRM 255	Cancer Disease, Coding and Staging	1.2	Associate degree, 2 years work related experience, and a CTR credential OR Bachelor's degree, 1 year related experience and a CTR credential	Associate degree, 2 years work related experience, and a CTR credential OR Bachelor's degree, 1 yr related experience and a CTR credential
CRM 265	Oncology Treatment and Coding	1.2	Associate degree, 2 years work related experience, and a CTR credential OR Bachelor's degree, 1 year related experience and a CTR credential	Associate degree, 2 years work related experience, and a CTR credential OR Bachelor's degree, 1 yr related experience and a CTR credential
CRM 275	CRM Data Quality & Utilization	1.2	Associate degree, 2 years work related experience, and a CTR credential OR Bachelor's degree, 1 year related experience and a CTR credential	Associate degree, 2 years work related experience, and a CTR credential OR Bachelor's degree, 1 yr related experience and a CTR credential
CRM 285	Abstracting Methods	1.2	Associate degree, 2 years work related experience, and a CTR credential OR Bachelor's degree, 1 year related experience and a CTR credential	Associate degree, 2 years work related experience, and a CTR credential OR Bachelor's degree, 1 yr related experience and a CTR credential
CRM 295	Cancer Registry Clinical Practicum	1.2	Associate degree, 2 years work related experience, and a CTR credential OR Bachelor's degree, 1 year related experience and a CTR credential	Associate degree, 2 years work related experience, and a CTR credential OR Bachelor's degree, 1 yr related experience and a CTR credential
CHEMISTRY				
CHM 115	Chemistry and Society	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
CHM 164	Elementary Chemistry	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
CHM 165	General Chemistry I	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
CHM 166	General Chemistry II	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
CHM 170	Survey of Organic and Biochemistry	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
CHM 265	Organic Chemistry I	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
CHM 266	Organic Chemistry II	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
COMPUTER SCIENCE				
CSC 121	Computer Science I	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
CSC 122	Computer Science II	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
EARTH SCIENCE				
EAS 101	Introduction to Earth Science*	1.1	Master's degree in the geoscience or Master's degree and 18 graduate credit hours in geoscience. Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.	

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EAS 120	Introduction to Meteorology	1.1	Master's degree in the geoscience or Master's degree and 18 graduate credit hours in geoscience. Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.	Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.
EAS 180	Introduction to Astronomy	1.1	Master's degree in the geoscience or Master's degree and 18 graduate credit hours in geoscience. Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.	Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.
EAS 185	Natural Hazards and Disasters	1.1	Master's degree in the geoscience or Master's degree and 18 graduate credit hours in geoscience. Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.	Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.
GEOGRAPHY				
GEG 107	Introduction to Physical Geography	1.1	Master's degree in geoscience, or any masters degree with 18 credit hours in geoscience. Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.	Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.
GEG 123	Energy Resources	1.1	Master's degree in geoscience, or any masters degree with 18 credit hours in geoscience. Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.	Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.
GEG 124	Energy Resources Lab	1.1	Master's degree in geoscience, or any masters degree with 18 credit hours in geoscience. Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.	Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.
GEG 202	Geography of the Developed World	1.1	Master's degree in geoscience* or any master's degree with 18 credit hours in the discipline.	Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.

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GEG 203	Geography of the Developing World	1.1	Master's degree in geoscience* or any master's degree with 18 credit hours in the discipline.	Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.
GEG 204	Economic Geography	1.1	Master's degree in geoscience, or any masters degree with 18 credit hours in geoscience. Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.	Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.
GEG 220	The Global Environment	1.1	Master's degree in geoscience, or any masters degree with 18 credit hours in geoscience. Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.	Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.
GEG 221	The Global Environment (Lab)	1.1	Master's degree in geoscience, or any masters degree with 18 credit hours in geoscience. Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.	Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.
GEG 290	Topics in Geography	1.1	Master's degree in geoscience, or any masters degree with 18 credit hours in geoscience. Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.	Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.
GEOLOGY				
GEL 105	Introduction to Physical Geology	1.1	Master's degree in geoscience, or any masters degree with 18 credit hours in geoscience. Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.	Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.
GEL 110	Geology of the National Parks	1.1	Master's degree in geoscience, or any masters degree with 18 credit hours in geoscience. Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.	Geoscience degrees include Astronomy, Atmospheric Science, Environmental Science, Geography, Geology, Meteorology, and Oceanography. Geoscience degrees do not include "Geoscience-Related Education" degrees.

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HEALTH AND FITNESS EDUCATION				
HFE 101	Volleyball I	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework. CPR/AED certified.	Bachelor's degree in Exercise Science/Physiology, Physical Education/Fitness and 2000 clock hours of related work experience. Or, appropriate certification/licensure and 8,000 hours of experience. CPR/AED certified.
HFE 103	Martial Arts/Self Defense	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework. CPR/AED certified.	Bachelor's degree in Exercise Science/Physiology, Physical Education/Fitness and 2000 clock hours of related work experience. Or, appropriate certification/licensure and 8,000 hours of experience. CPR/AED certified.
HFE 105	Yoga I	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework. CPR/AED certified.	Bachelor's degree in Exercise Science/Physiology, Physical Education/Fitness and 2000 clock hours of related work experience. Or, appropriate certification/licensure and 8,000 hours of experience. CPR/AED certified.
HFE 106	Tai Chi*	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	Bachelor's degree in Exercise Science/Physiology, Physical Education/Fitness and 2000 clock hours of related work experience. Or, appropriate certification/licensure and 8,000 hours of experience. CPR/AED certified.
HFE 110	Golf I	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework. CPR/AED certified.	Bachelor's degree in Exercise Science/Physiology, Physical Education/Fitness and 2000 clock hours of related work experience. Or, appropriate certification/licensure and 8,000 hours of experience. CPR/AED certified.
HFE 120	Physical Fitness	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	Bachelor's degree in Exercise Science/Physiology, Physical Education/Fitness. CPR/AED certified. 2000 clock hours of related work experience. One year of teaching experience.
HFE 121	Strength Training I	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	
HFE 122	Metabolic Conditioning	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework. CPR/AED certified.	Bachelor's degree in Exercise Science/Physiology, Physical Education/Fitness and 2000 clock hours of related work experience. Or, appropriate certification/licensure and 8,000 hours of experience. CPR/AED certified.
HFE 123	Fitness Walking	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework. CPR/AED certified.	Bachelor's degree in Exercise Science/Physiology, Physical Education/Fitness and 2000 clock hours of related work experience. Or, appropriate certification/licensure and 8,000 hours of experience. CPR/AED certified.
HFE 125	Fencing I	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework. CPR/AED certified.	Bachelor's degree in Exercise Science/Physiology, Physical Education/Fitness and 2000 clock hours of related work experience. Or, appropriate certification/licensure and 8,000 hours of experience. CPR/AED certified.
HFE 140	Theories of Baseball and Softball	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	

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HFE 141	Theory of Basketball	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	
HFE 150	Contemporary Health Issues	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	
HFE 151	First Aid and CPR	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework. Current Instructor's certification through American Red Cross.	
HFE 152	Women's Health Issues	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	
HFE 161	Personal Fitness	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	
HFE 170	Fitness and Human Performance Professions	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	
HFE 171	Exercise Science I	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	
HFE 175	Group Exercise Principles	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	
HFE 176	Strength and Conditioning Principles	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	
HFE 202	Lifeguard Training	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework. Current Instructor's certification through American Red Cross.	
HFE 210	Golf II	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework. CPR/AED certified.	Bachelor's degree in Exercise Science/Physiology, Physical Education/Fitness and 2000 clock hours of related work experience. Or, appropriate certification/licensure and 8,000 hours of experience. CPR/AED certified.
HFE 221	Strength Training II	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework. CPR/AED certified.	

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HFE 250	Nutrition for Wellness	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	Current licensed Registered Dietician. One year of teaching experience
HFE 251	Drugs in a Contemporary Society	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	
HFE 252	Issues in Family Violence	1.1	Master's degree in Health Education, Social Work, Criminal Justice, or related field. 2,000 hours of related work experience. Completion of the 80-hour Domestic Violence class at Turning Point.	
HFE 255	Stress Management	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	
HFE 260	Exercise Psychology and Motivation	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	
HFE 270	Exercise Program Design	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework. 2,000 hours of related work experience. CPR/AED certified.	
HFE 271	Exercise Science II	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework. CPR/AED certified.	
HFE 278	Application of Fitness Instruction	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework. 2,000 hours of related work experience.	
HFE 279	HFE Internship	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	
HFE 280	Health Coaching	1.2	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	
HFE 290	Topics in Health and Fitness Education	1.1	Master's degree in Exercise Science/Physiology, Physical Education/Fitness, Kinesiology, Health Education, or 18 hours of graduate level health coursework.	Bachelor's degree in Exercise Science/Physiology, Physical Education/Fitness. CPR/AED certified. 2000 clock hours of related work experience. One year teaching experience.

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HEALTH INFORMATION TECHNOLOGY				
HIT 137	Basic CPT Coding	1.2	Bachelor's degree in a health related field and 2,000 hours related work experience. Must hold a credential from AHIMA.	
HIT 138	ICD Coding	1.2	Bachelor's degree in a health related field and 2,000 hours related work experience. Must hold a credential from AHIMA.	
HIT 139	Healthcare Reimbursement	1.2	Bachelor's degree in a health related field. Must hold a credential from AHIMA.	
HIT 160	Intro to Health Information Management	1.2	Bachelor's degree in a health related field and 2,000 hours related work experience. Must hold a credential from AHIMA.	
HIT 180	Healthcare Delivery Systems	1.2	Bachelor's degree in a health related field and 2,000 hours related work experience. Must hold a credential from AHIMA.	
HIT 210	Healthcare Law and Ethics	1.2	Bachelor's degree in a health related field and 2,000 hours related work experience. Must hold a credential from AHIMA.	
HIT 220	Quality & Performance Improvement	1.2	Bachelor's degree in a health related field and 2,000 hours related work experience. Must hold a credential from AHIMA.	
HIT 235	HIT Pathophysiology & Pharmacology	1.2	Bachelor's degree in a health related field and 2,000 hours related work experience. Must hold a credential from AHIMA.	
HIT 237	Advanced CPT and ICD Coding	1.2	Bachelor's degree in a health related field and 2,000 hours related work experience. Must hold a credential from AHIMA.	
HIT 240	Electronic Health Records	1.2	Bachelor's degree in a health related field and 2,000 hours related work experience. Must hold a credential from AHIMA.	
HIT 260	Healthcare Management	1.2	Bachelor's degree in a health related field and 2,000 hours related work experience. Must hold a credential from AHIMA.	
HIT 270	Healthcare Statistic and Research	1.2	Bachelor's degree in a health related field and 2,000 hours related work experience. Must hold a credential from AHIMA.	
HIT 280	HIT Practicum	1.2	Bachelor's degree in a health related field and 2,000 hours related work experience. Must hold a credential from AHIMA.	

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HEALTH SCIENCES				
HCE 100	Health Profession Career Exploration	1.2	Bachelor of Science /Bachelor of Art degree required,	
HCE 110	Medication Math	1.2	Bachelor's degree or higher in a related field in healthcare with 6,000 hours of related work experience, Current license as a professional health care provider in Illinois; Knowledge of the integration of technology in the classroom is expected.	
HCE 111	Evidence Based Practice	1.2	Bachelor's degree or higher in a related field in healthcare with 6,000 hours of related work experience, Current license as a professional health care provider in Illinois; Knowledge of the integration of technology in the classroom is expected.	
HORTICULTURE				
HRT 100	Introduction to Horticulture	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of the fundamentals of horticulture science and the industry.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Working knowledge of the fundamentals of horticulture science and the industry.
HRT 103	Introduction to Plant Science	1.1	Master's degree in plant sciences or closely related field (Agronomy, Biology, Botany, Crop Science, Forestry, Horticulture, Plant Science),18 graduate credit hours in plant science related courses. Knowledge in the fundamentals of plant structure, function, and growth processes; and impact of plants on society.	
HRT 105	Introduction to Soil Science	1.1	Master's degree in soil and plant sciences or closely related field (Agronomy, Crop Science, Forestry, Horticulture, Soil Science); 18 graduate credit hours in soil and plant science related courses. Knowledge in the fundamentals of soil characteristics, development, and management.	
HRT 112	Horticultural Mechanics	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of basic structures and supporting systems, equipment, and tools of the horticulture industry.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Working knowledge of basic structures and supporting systems, equipment, and tools of the horticulture industry.
HRT 120	Basic Floral Design	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; ICPF (Illinois Certified Professional Florist) ; or AIFD (national) Practical experience in retail floral shop; working knowledge of basic fresh floral designing techniques	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. ICPF (Illinois Certified Professional Florist) ; or AIFD (national) Practical experience in retail floral shop; working knowledge of basic fresh floral designing techniques

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HRT 125	Intermediate Floral Design	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; ICPF (Illinois Certified Professional Florist) ; or AIFD (national) Practical experience in retail floral shop; working knowledge of intermediate fresh floral designing techniques	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. ICPF (Illinois Certified Professional Florist) ; or AIFD (national) Practical experience in retail floral shop; working knowledge of intermediate fresh floral designing techniques
HRT 130	Fall Greenhouse Production	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of greenhouse structures and systems operation, along with fall greenhouse crop production, including poinsettias.	Or, Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Working knowledge of greenhouse structures and systems operation, along with fall greenhouse crop production, including poinsettias.
HRT 135	Fruit and Vegetable Crops	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of fruit and vegetable crop production specifically in northern Illinois.	Or, Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience .Working knowledge of fruit and vegetable crop production specifically in northern Illinois.
HRT 150	Plant Problem Diagnosis & Management	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of major plant problems facing horticulture plantings and crops in northern Illinois; along with current appropriate management practices.	Or, Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Pesticide Applicator Training; Working knowledge of major plant problems facing horticulture plantings and crops in northern Illinois; along with current appropriate management practices.
HRT 159	Landscape Perennials	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of herbaceous perennials suitable for northern Illinois landscapes, including plant identification, culture and use.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Working knowledge of herbaceous perennials suitable for northern Illinois landscapes, including plant identification, culture and use.
HRT 160	Trees and Shrubs in the Landscape	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of trees and shrubs suitable for northern Illinois landscapes, including plant identification, culture and use.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Working knowledge of trees and shrubs suitable for northern Illinois landscapes, including plant identification, culture and use.
HRT 161	Landscape Design	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of landscape design concepts and practices.	Or, Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience.; Certified Landscape Architect
HRT 181	Turf Management	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of turfgrass culture and use, with emphasis on home lawns, in northern Illinois.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience.

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
HRT 203	Introduction to Hydroponics	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of the design, implementation, and culture of hydroponic and aquaponic crop and plant systems.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Working knowledge of the design, implementation, and culture of hydroponic and aquaponic crop and plant systems.
HRT 205	Organic and Sustainable Practices	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of organic systems and practices for growing fruit and vegetable crops in northern Illinois.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Certified Organic Grower; Working knowledge of organic systems and practices for growing fruit and vegetable crops in northern Illinois.
HRT 221	Advanced Floral Design	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Practical experience in retail floral shop; working knowledge of wedding and sympathy design and planning	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. ICPF (Illinois Certified Professional Florist) ; or AIFD (national) ; Practical experience in retail floral shop; working knowledge of wedding and sympathy design and planning
HRT 222	Flower Shop Management	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Practical experience in retail floral shop ; working knowledge of floral shop business practices	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. ICPF (Illinois Certified Professional Florist) ; or AIFD (national) Practical experience in retail floral shop ; working knowledge of floral shop business practices
HRT 223	Floral Art		Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; ICPF (Illinois Certified Professional Florist); or AIFD (national) - Practical experience in retail floral shop; working knowledge of fresh and everlasting floral designing techniques.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience; ICPF (Illinois Certified Professional Florist); or AIFD (national) - Practical experience in retail floral shop; working knowledge of fresh and everlasting floral designing techniques.
HRT 229	Silk and Dried Floral Design	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Practical experience in retail floral shop ; working knowledge of designing with dry and artificial floral materials.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. ICPF (Illinois Certified Professional Florist) ; or AIFD (national) ; Practical experience in retail floral shop; working knowledge of designing with dry and artificial floral materials.
HRT 231	Spring Greenhouse Production	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of greenhouse structures and systems operation, along with spring bedding plant production practices.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience; Working knowledge of greenhouse structures and systems operation, along with spring bedding plant production practices.

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HRT 250	Horticulture Internship	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of the horticulture industry in northern Illinois.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Working knowledge of the horticulture industry in northern Illinois.
HRT 251	Integrated Pest Management	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of the latest integrated pest management techniques appropriate for northern Illinois horticultural crops and plantings, along with indoor plants and greenhouse crops.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Working knowledge of the latest integrated pest management techniques appropriate for northern Illinois horticultural crops and plantings, along with indoor plants and greenhouse crops.
HRT 264	Arboriculture	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of tree care and arborist techniques	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Illinois Certified Arborist (ISA); Working knowledge of tree care and arborist techniques
HRT 265	Landscape CAD	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of CAD techniques related to landscape design	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Certified Landscape Architect; Working knowledge of CAD techniques related to landscape design
HRT 266	Landscape Construction	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of landscape design, landscape installation, and care.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Working knowledge of landscape design, landscape installation, and care.
HRT 282	Golf Course & Sports Turf Management	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of turfgrass culture and use, with emphasis on golf courses and athletic fields, in northern Illinois.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Certified Golf Course Superintendent ; Working knowledge of turfgrass culture and use, with emphasis on golf courses and athletic fields, in northern Illinois.
HRT 290	Topics and Issues in Horticulture	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of the specific topic addressed in the specific section designed within the parameters of this course.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Working knowledge of the specific topic addressed in the specific section designed within the parameters of this course.
HRT 299	Horticulture Independent Study	1.2	Bachelor of Science degree in the horticultural area + 2,000 hours of related work experience; Working knowledge of the specific independent study topic the student is pursuing in the section taught.	Associate in Applied Science degree in the Horticultural area + 8,000 hours of related work experience; Or, 18,000 hours of related work experience. Working knowledge of the specific independent study topic the student is pursuing in the section taught.

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
MATH				
MAT 020	GE Stats Support*	1.4	Master's degree in Mathematics or related course.	
MAT 050	Elements of Math Support*	1.4	Master's degree in Mathematics or related course.	
MAT 061	College Algebra Support	1.4	Master's degree in discipline or Master's degree with a minimum of 18 graduate level semester credits in Mathematics.	
MAT 090	Essentials of Mathematics	1.4	Bachelor's degree in Mathematics, or Mathematics Education; Or, Bachelor's degree in Special Education or Learning Disabilities, or related field including calculus; or a bachelor's degree with at least 10 years grade 9-12 math teaching experience.	
MAT 095	Elementary Algebra	1.4	Bachelor's degree in Mathematics, or Mathematics Education; Or, Bachelor's degree in Special Education or Learning Disabilities, or related field including calculus; or a bachelor's degree with at least 10 years grade 9-12 math teaching experience.	
MAT 096	Elementary Geometry	1.4	Bachelor's degree in Mathematics, or Mathematics Education; Or, Bachelor's degree in Special Education or Learning Disabilities, or related field including calculus; or a bachelor's degree with at least 10 years grade 9-12 math teaching experience.	
MAT 097	Technical Mathematics I	1.2	Bachelor's degree in Mathematics, Science, or Engineering, Architecture or related field and 2,000 hours of work related experience.	
MAT 098	Mathematics for Electronics I	1.2	Bachelor's degree in Mathematics, Science, or Engineering, Architecture or related field and 2,000 hours of work related experience.	
MAT 099	Intermediate Algebra	1.4	Bachelor's degree in Mathematics, or Mathematics Education; Or, Bachelor's degree in Special Education or Learning Disabilities, or related field including calculus; or a bachelor's degree with at least 10 years grade 9-12 math teaching experience.	
MAT 106	Technical Mathematics II	1.2	Bachelor's degree in Mathematics, Science, or Engineering, Architecture or related field and 2,000 hours of work related experience.	
MAT 107	Mathematics for Electronics II	1.2	Bachelor's degree in Mathematics, Science, or Engineering, Architecture or related field and 2,000 hours of work related experience.	
MAT 120	General Education Statistics	1.1	Master's degree in discipline or Master's degree with a minimum of 18 graduate level semester credits in Mathematics.	
MAT 140	Concepts in Mathematics	1.2	Minimums not set by Mathematics Department	

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
MAT 150	Elements of Mathematics	1.1	Master's degree in discipline or Master's degree with a minimum of 18 graduate level semester credits in Mathematics.	
MAT 158	Technical Mathematics III	1.2	Bachelor's degree in Mathematics, Science, or Engineering, Architecture or related field and 2,000 hours of work related experience.	
MAT 159	Mathematics for Electronics III	1.2	Bachelor's degree in Mathematics, Science, or Engineering, Architecture or related field and 2,000 hours of work related experience.	
MAT 161	College Algebra	1.1	Master's degree in discipline or Master's degree with a minimum of 18 graduate level semester credits in Mathematics.	
MAT 165	College Algebra and Trigonometry	1.1	Master's degree in discipline or Master's degree with a minimum of 18 graduate level semester credits in Mathematics.	
MAT 166	Trigonometry*	1.1	Master's degree in Mathematics or Master's degree in a related field with at least 18 semester hours in graduate level mathematics.	
MAT 170	Finite Mathematics	1.1	Master's degree in discipline or Master's degree with a minimum of 18 graduate level semester credits in Mathematics.	
MAT 171	Calculus for Business and Social Sciences	1.1	Master's degree in discipline or Master's degree with a minimum of 18 graduate level semester credits in Mathematics.	
MAT 175	Calculus with Analytic Geometry I	1.1	Master's degree in discipline or Master's degree with a minimum of 18 graduate level semester credits in Mathematics.	
MAT 201	Mathematical Foundations for Elementary Education	1.1	Master's degree in Mathematics or at least five years 6-12 math teaching experience and a Master's Degree.	
MAT 202	Mathematical Foundations for Elementary Education II	1.1	Master's degree in Mathematics or at least five years grades 9-12 math teaching experience and a Master's degree.	
MAT 220	Statistics	1.1	Master's degree in discipline or Master's degree with a minimum of 18 graduate level semester credits in Mathematics.	
MAT 245	Calculus with Analytic Geometry II	1.1	Master's degree in discipline or Master's degree with a minimum of 18 graduate level semester credits in Mathematics.	
MAT 253	Linear Algebra	1.1	Master's degree in discipline or Master's degree with a minimum of 18 graduate level semester credits in Mathematics.	

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
MAT 255	Calculus with Analytic Geometry III	1.1	Master's degree in discipline or Master's degree with a minimum of 18 graduate level semester credits in Mathematics.	
MAT 260	Differential Equations	1.1	Master's degree in discipline or Master's degree with a minimum of 18 graduate level semester credits in Mathematics.	
NURSING ASSISTANT EDUCATION				
NAE 100	Basic Nursing Assistant	1.2	BS/BA in a health related field; Registered Nurse with current Illinois license. 2 years' experience as a licensed nurse; one year of experience as a Registered nurse in one or both of the following areas: teaching theory in an accredited nurse training program or providing nursing care; Train the Trainer certificate from the Illinois Dept. of Public Health and or instructor approval from IDPH; current Basic Life Support CPR certification.	Associate of Applied Science in Nursing; Registered Nurse with current Illinois license. 2 years' experience as a licensed nurse; one year of experience as a Registered nurse in one or both of the following areas: teaching theory in an accredited nurse training program or providing nursing care; Train the Trainer certificate from the Illinois Dept. of Public Health and instructor approval; current Basic Life Support and CPR certification.
NURSING				
NUR 095	Directed Study in Nursing	1.6	Master's degree in Nursing; Currently licensed as a registered professional nurse (or eligibility for licensure) in Illinois with at least 4,000 hours of experience in clinical nursing practice. Work experience in an acute care setting within the last 2 years.	Per Illinois Nursing Act
NUR 112	Fundamentals of Nursing Theory	1.2	Master's degree in Nursing; Currently licensed as a registered professional nurse (or eligibility for licensure) in Illinois with at least 4,000 hours of experience in clinical nursing practice. Work experience in an acute care setting within the last 2 years.	Per Illinois Nurse Practice Act
NUR 115	Fundamentals of Nursing Practice	1.2	Master's degree in Nursing; Currently licensed as a registered professional nurse (or eligibility for licensure) in Illinois with at least 4,000 hours of experience in clinical nursing practice. Work experience in an acute care setting within the last 2 years.	Per Illinois Nurse Practice Act
NUR 125	LPN to ADN Transition	1.2	Master's degree in Nursing; Currently licensed as a registered professional nurse (or eligibility for licensure) in Illinois with at least 4,000 hours of experience in clinical nursing practice. Work experience in an acute care setting within the last 2 years.	Per Illinois Nurse Practice Act

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NUR 130	Concepts of Nursing Practice I	1.2	Master's degree in Nursing; Currently licensed as a registered professional nurse (or eligibility for licensure) in Illinois with at least 4,000 hours of experience in clinical nursing practice. Work experience in an acute care setting within the last 2 years.	Per Illinois Nurse Practice Act
NUR 135	Concepts of Nursing Practice II	1.2	Master's degree in Nursing; Currently licensed as a registered professional nurse (or eligibility for licensure) in Illinois with at least 4,000 hours of experience in clinical nursing practice. Work experience in an acute care setting within the last 2 years.	Per Illinois Nurse Practice Act
NUR 212	Concepts of Nursing Practice III	1.2	Master's degree in Nursing; Currently licensed as a registered professional nurse (or eligibility for licensure) in Illinois with at least 4,000 hours of experience in clinical nursing practice. Work experience in an acute care setting within the last 2 years.	Per Illinois Nurse Practice Act
NUR 215	Concepts of Psychiatric Nursing	1.2	Master's degree in Nursing; Currently licensed as a registered professional nurse (or eligibility for licensure) in Illinois with at least 4,000 hours of experience in clinical nursing practice. Work experience in an acute care setting within the last 2 years.	Per Illinois Nurse Practice Act
NUR 222	Concepts of Family Nursing	1.2	Master's degree in Nursing; Currently licensed as a registered professional nurse (or eligibility for licensure) in Illinois with at least 4,000 hours of experience in clinical nursing practice. Work experience in an acute care setting within the last 2 years.	Per Illinois Nurse Practice Act
NUR 225	Complex Issues in Healthcare	1.2	Master's degree in Nursing; Currently licensed as a registered professional nurse (or eligibility for licensure) in Illinois with at least 4,000 hours of experience in clinical nursing practice. Work experience in an acute care setting within the last 2 years.	Per Illinois Nurse Practice Act
NUR 240	Nursing Leadership	1.2	Master's degree in Nursing; Currently licensed as a registered professional nurse (or eligibility for licensure) in Illinois with at least 4,000 hours of experience in clinical nursing practice. Work experience in an acute care setting within the last 2 years.	Per Illinois Nurse Practice Act

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OCCUPATIONAL THERAPY ASSISTANT				
OTA 110	Foundations of Occupational Therapy	1.2	Bachelor's degree from an accredited institution, and current state license as an OT or OTA with 4,000 hours of related work experience with NBCOT certification.	Current Illinois License and certification as an occupational therapy practitioner with a degree from an accredited institution. Must have 4,000 hours of related work experience.
OTA 120	Therapeutic Methods I	1.2	Bachelor's degree from an accredited institution, and current state license as an OT or OTA with 4,000 hours of related work experience, with NBCOT certification.	Current Illinois License and certification as an occupational therapy practitioner with a degree from an accredited institution. Must have 4,000 hours of related work experience.
OTA 130	Occupations Across the Lifespan	1.2	Bachelor's degree from an accredited institution, and current state license as an OT or OTA with 4,000 hours of related work experience, with NBCOT certification.	Current Illinois License and certification as an occupational therapy practitioner with a degree from an accredited institution. Must have 4,000 hours of related work experience.
OTA 140	Dynamics of Human Movement	1.2	Bachelor's degree from an accredited institution, and current state license as an OT or OTA with 4,000 hours of related work experience, with NBCOT certification.	Current Illinois License and certification as an occupational therapy practitioner with a degree from an accredited institution. Must have 4,000 hours of related work experience.
OTA 150	Conditions Disrupting Participation	1.2	Bachelor's degree from an accredited institution, and current state license as an OT or OTA with 4,000 hours of related work experience with NBCOT certification.	Current Illinois License and certification as an occupational therapy practitioner with a degree from an accredited institution. Must have 4,000 hours of related work experience.
OTA 160	Psychosocial Rehab Theory & Methods	1.2	Bachelor's degree from an accredited institution, and current state license as an OT or OTA with 4,000 hours of related work experience with NBCOT certification.	Current Illinois License and certification as an occupational therapy practitioner with a degree from an accredited institution. Must have 4,000 hours of related work experience.
OTA 170	Therapeutic Methods II	1.2	Bachelor's degree from an accredited institution, and current state license as an OT or OTA with 4,000 hours of related work experience with NBCOT certification.	Current Illinois License and certification as an occupational therapy practitioner with a degree from an accredited institution. Must have 4,000 hours of related work experience.
OTA 210	Physical Theory and Rehab Methods	1.2	Bachelor's degree from an accredited institution, and current state license as an OT or OTA with 4,000 hours of related work experience with NBCOT certification.	Current Illinois License and certification as an occupational therapy practitioner with a degree from an accredited institution. Must have 4,000 hours of related work experience.
OTA 220	Therapeutic Methods III	1.2	Bachelor's degree from an accredited institution, and current state license as an OT or OTA with 4,000 hours of related work experience with NBCOT certification.	Current Illinois License and certification as an occupational therapy practitioner with a degree from an accredited institution. Must have 4,000 hours of related work experience.
OTA 230	Professional Analysis in Practice	1.2	Bachelor's degree from an accredited institution, and current state license as an OT or OTA with 4,000 hours of related work experience with NBCOT certification.	Current Illinois License and certification as an occupational therapy practitioner with a degree from an accredited institution. Must have 4,000 hours of related work experience.

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OTA 240	Health Services Management	1.2	Bachelor's degree from an accredited institution, and current state license as an OT or OTA with 4,000 hours of related work experience with NBCOT certification.	Current Illinois License and certification as an occupational therapy practitioner with a degree from an accredited institution. Must have 4,000 hours of related work experience.
OTA 250	Professional Practice Seminar	1.2	Bachelor's degree from an accredited institution, and current state license as an OT or OTA with 4,000 hours of related work experience with NBCOT certification.	Current Illinois License and certification as an occupational therapy practitioner with a degree from an accredited institution. Must have 4,000 hours of related work experience.
OTA 260	Fieldwork Level IIA	1.2	Bachelor's degree from an accredited institution, and current state license as an OT or OTA with 4,000 hours of related work experience with NBCOT certification.	Current Illinois License and certification as an occupational therapy practitioner with a degree from an accredited institution. Must have 4,000 hours of related work experience.
OTA 265	Fieldwork Level IIB	1.2	Bachelor's degree from an accredited institution, and current state license as an OT or OTA with 4,000 hours of related work experience with NBCOT certification.	Current Illinois License and certification as an occupational therapy practitioner with a degree from an accredited institution. Must have 4,000 hours of related work experience.
OTA 290	Topics in Occupational Therapy	1.2	Bachelor's degree from an accredited institution, and current state license as an OT or OTA with 4,000 hours of related work experience with NBCOT certification.	Current Illinois License and certification as an occupational therapy practitioner with a degree from an accredited institution. Must have 4,000 hours of related work experience.
PHYSICS				
PHY 280	General Physics I	1.1	Master of Science degree in Physics, Engineering, or any master's with 18 graduate hours in Physics or Engineering.	
PHY 281	General Physics II	1.1	Master of Science degree in Physics, Engineering, or any master's with 18 graduate hours in Physics or Engineering.	
PHY 291	Principles of Physics I	1.1	Master of Science degree in Physics, Engineering, or any master's with 18 graduate hours in Physics or Engineering.	
PHY 292	Principles of Physics II	1.1	Master of Science degree in Physics, Engineering, or any master's with 18 graduate hours in Physics or Engineering.	
PHY 293	Principles of Physics III	1.1	Master of Science degree in Physics, Engineering, or any master's with 18 graduate hours in Physics or Engineering.	
PHY 294	Thermal Physics	1.1	Master of Science degree in Physics, Engineering, or any master's with 18 graduate hours in Physics or Engineering.	
PHYSICAL THERAPY ASSISTANT				
PTA 101	Introduction to PTA	1.2	Bachelor degree in Physical Therapy or related healthcare or science field; Licensed Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.	Associate of Applied Science in Physical Therapy Assistant; Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) who are licensed with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
PTA 120	Patient Interventions I	1.2	Bachelor degree in Physical Therapy or related healthcare or science field; Licensed Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.	Associate of Applied Science in Physical Therapy Assistant; Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) who are licensed with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.
PTA 130	Patient Assessment I	1.2	Bachelor degree in Physical Therapy or related healthcare or science field; Licensed Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.	Associate of Applied Science in Physical Therapy Assistant; Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) who are licensed with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.
PTA 141	Kinesiology	1.2	Bachelor degree in Physical Therapy or related healthcare or science field; Licensed Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.	Associate of Applied Science in Physical Therapy Assistant; Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) who are licensed with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.
PTA 142	Pathophysiology	1.2	Bachelor degree in Physical Therapy or related healthcare or science field; Licensed Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.	Associate of Applied Science in Physical Therapy Assistant; Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) who are licensed with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.
PTA 145	Introduction to Clinical Education	1.2	Bachelor degree in Physical Therapy or related healthcare or science field; Licensed Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.	Associate of Applied Science in Physical Therapy Assistant; Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) who are licensed with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.
PTA 151	PTA Clinical Experience I	1.2	Bachelor degree in Physical Therapy or related healthcare or science field; Licensed Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.	Associate of Applied Science in Physical Therapy Assistant; Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) who are licensed with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
PTA 210	PTA Patient Assessment II	1.2	Bachelor degree in Physical Therapy or related healthcare or science field; Licensed Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.	Associate of Applied Science in Physical Therapy Assistant; Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) who are licensed with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.
PTA 220	PTA Patient Interventions II	1.2	Bachelor degree in Physical Therapy or related healthcare or science field; Licensed Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.	Associate of Applied Science in Physical Therapy Assistant; Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) who are licensed with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.
PTA 240	PTA Administration II	1.2	Bachelor degree in Physical Therapy or related healthcare or science field; Licensed Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.	Associate of Applied Science in Physical Therapy Assistant; Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) who are licensed with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.
PTA 242	PTA Rehabilitation Strategies	1.2	Bachelor degree in Physical Therapy or related healthcare or science field; Licensed Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.	Associate of Applied Science in Physical Therapy Assistant; Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) who are licensed with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.
PTA 250	PTA Clinical Experience II	1.2	Bachelor degree in Physical Therapy or related healthcare or science field; Licensed Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.	Associate of Applied Science in Physical Therapy Assistant; Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) who are licensed with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.
PTA 251	PTA Clinical Experience III	1.2	Bachelor degree in Physical Therapy or related healthcare or science field; Licensed Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.	Associate of Applied Science in Physical Therapy Assistant; Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) who are licensed with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
PTA 252	PTA Clinical Seminar	1.2	Bachelor degree in Physical Therapy or related healthcare or science field; Licensed Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.	Associate of Applied Science in Physical Therapy Assistant; Physical Therapists (PTs) or Physical Therapist Assistants (PTAs) who are licensed with at least 3,600 hours of full-time, post-licensure clinical experience in physical therapy. Contemporary expertise in assigned teaching areas. Demonstrated effectiveness in teaching and student evaluation.
WLD 121	SMAW Flat and Horizontal	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 122	Vertical and Overhead	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 124	SMAW Basic Pipe	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 131	GMAW Flat and Horizontal	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 132	GMAW Vertical and Overhead	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 133	FCAW, Spray and Pulse Spray	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 141	GTAW Ferrous	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 142	GTAW Non-Ferrous	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
WLD 151	Introduction to Steel Fabrication	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 152	Advanced Steel Fabrication	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 250	Weld Internship I	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 251	Weld Internship II	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 275	Weld Capstone I	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 276	Weld Capstone II	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.