Northwood Technical College
2022-2023 View Book

Northwood
Technical College

NorthwoodTech.edu
800.243.9482

96%
of graduates indicated that they were satisfied with the training that they received at Northwood Tech.

$46,453
average yearly salary
6 months after graduation

TRANSFER
Start at Northwood Technical College and transfer credits to a four-year college or university.

Northwood
Technical College

![Northwood Technical College logo]

> Start Now!

Northwood Tech has a simple three-step admissions process.
1. Apply online
2. Review admissions requirements
3. Meet with a Northwood Tech counselor

> Visit NorthwoodTech.edu/apply

or scan the QR Code above for helpful links to guide you through the admissions process.

Watch your email used in the online application for next steps. We are here for you to ensure you are on track to start your program!

> Have questions?

Admission Advisors are available by chat at NorthwoodTech.edu during business hours and by email, or call your nearest campus.

Ashland
715.685.3039
ashland.admissions@northwoodtech.edu

New Richmond
715.752.8119
newrichmond.admissions@northwoodtech.edu

Rice Lake
715.788.7144
ricelake.admissions@northwoodtech.edu

Superior
715.319.7331
superior.admissions@northwoodtech.edu

Scan the QR Code for more contact information

Keep track of key information used in your steps to Experience. Success.

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800.243.9482 • NorthwoodTech.edu

Northwood Tech CAMPUSES

Ashland

The Ashland campus is located in a charming community, rich in arts and nature along the shores of Lake Superior and immersed among some of Wisconsin's most breathtaking scenery. The campus is centrally located to countless pristine inland lakes, waterfalls and miles of rivers and streams.

New Richmond

The New Richmond campus offers an abundance of recreational and cultural activities. The campus is situated in the beautiful St. Croix Valley and is only a 40-minute drive to the Minneapolis/St. Paul metropolitan area. Sprinkled with parks and nature retreats throughout the city, New Richmond lives up to its slogan, "The City Beautiful."

Rice Lake

Rice Lake and the surrounding area has something for everyone–great fishing, hiking, biking and ATVing, as well as shopping, dining, live theatre and more. Found directly in the Rice Lake campus' backyard is the Cedar Side Walking Trail, which follows the Red Cedar River for 3.5 miles where eagles, deer and other wildlife regularly visit.

Superior

Superior is nestled on the western tip of Lake Superior. It is known not only for its access to the largest freshwater lake in the world, but for its historical roots, roaring waterfalls and colorful events.

The Northwood Tech EXPERIENCE

Visit a Campus

Step onto a campus and see if Northwood Tech is the right fit for you. Explore programs and career opportunities. Meet faculty and staff. Acquaint yourself with our Innovative Teaching and Learning Center and Student Services. Sit back for lunch with a new group of friends, or see hands-on projects in one of Northwood Tech's labs. Contact your campus Admissions Advisor to schedule your tour or classroom shadow. Call 800.243.9482 or online at: **NorthwoodTech.edu/visit**

> Campus Tour

Tours will provide a snapshot of life on campus. Observe how our diverse student body interacts and works together in classrooms and labs, meet instructors, connect with current students and see for yourself what college life at Northwood Tech is all about. Our guides tailor your tour to meet your needs and schedule.

> Program Shadow

Spend a day in a Northwood Tech classroom and see your future through your shadow. Find out what it's really like day-to-day before you commit to a program. You'll be able to participate in one or more classroom activities, hear straight from instructors and students, and discover your real career interests.

> Attend a Campus Event

Many events and open houses feature tours, activities and a chance to meet with faculty, staff and students. Find upcoming events at **NorthwoodTech.edu/events**

Types of Degrees and Offerings

- Associate Degrees (Arts, Sciences, Applied Science)
- Technical Diplomas
- Certificates
- Apprenticeships

For more information on apprenticeships, contact the Northwood Tech Director, Apprenticeships and Academies at 715.246.1871 or visit **NorthwoodTech.edu/apprenticeship**

Veterans

If you are a veteran or a child or spouse of a veteran, Northwood Tech will help you navigate the college experience each step of the way. Northwood Tech's Veteran Resource Center is a one-stop shop for everything you need to begin your education at Northwood Tech.

Support for military-affiliated students can include:

- Applying for benefits
- Navigating the college experience
- Providing academic and non-academic support

Which Career Program Fits You?

Every career journey follows a different path. Knowing what programs are a good fit can help you make the right choices. Northwood Tech offers three options to help you establish a focus for your future:

> Career Services Resources

- Online Career Assessment
- One-on-One Career Exploration
- Career Guidance

NorthwoodTech.edu/career

Get involved!

Student life adds to your college experience at Northwood Tech. Activities like Student Senate and program-related clubs connect you to your classmates and provide excellent leadership and service-learning opportunities. Everyone needs to kick back and take a break from classes from time to time. With our Campus Activities Boards, there are plenty of on-campus entertainment events and activities to enjoy, such as comedians, motivational speakers, games and projects.

Experience Traditional Student Housing

Get the complete college experience while attending classes at the Superior or Ashland campuses by taking advantage of the UW-Superior or Northland College residence halls. Live the full college lifestyle with meal plans, intramurals and more.

Glenwood Commons in Rice Lake also offers student apartment-style housing right next to campus. Visit the Student Services office if you need help finding housing.

Northwood Tech is home of Blaze the Bear! The bear represents quality as well as grit/resilience, which students felt represented the student body well. The name "Blaze," short for "Trailblazer" gives a nod to innovation and technology, as well as the student journey. Find out more about the name change at **NorthwoodTech.edu/name-change**

The Northwood Tech ADVANTAGE

> *"I would like to take this opportunity to thank you for your generosity. Without your donation I would not be able to continue my schooling towards my education in the Medical Assistant program. It has always been my goal to work in the medical field, helping and caring for others. Receiving this scholarship has lightened my financial burden and given me motivation to achieve my goals. Thank you again for your thoughtful and generous gift as it means so much to me."*
>
> Bryanna, Spring 2022 recipient

A Top-Ranked Education that Pays

According to those that responded to our 2020-2021 graduate follow-up survey:

96% of our graduates are satisfied with the training they received at the college.

76% of those employed started their career in an occupation related to their training.

Northwood Tech grads earn an average of $46,453 annually.

Northwood Tech is Affordable

Tuition at Northwood Tech averages about $4,500 per year compared to nearly $8,400 or more at four-year universities in the state.

> **Financial Aid**

Loans, scholarships, grants, work-study, and other campus-based aid extend the opportunity for higher education to qualified applicants. Students must complete a Free Application for Federal Student Aid (FAFSA) **studentaid.gov**. Even if a student has received financial aid before, the student must reapply each school year.

> **Scholarships**

The Northwood Tech Foundation awards more than $200,000 in scholarships to nearly 500 students each year. Scholarships are an excellent way to secure additional funding for college-related expenses. Reduce your education costs by applying for scholarships from the Northwood Tech Foundation or other organizations.

Scholarships are awarded to students who have the initiative, desire, and potential to succeed, and are not limited to students with financial need. For more information visit **NorthwoodTech.edu/scholarships**

The Northwood Tech ADVANTAGE

Start College in High School

There are many ways to earn college credit in high school, saving you time and money once you get to college. Talk to your high school guidance counselor about options or visit **NorthwoodTech.edu/start-college-in-high-school** for more details and the latest offerings.

- Transcripted Credit
- Advanced Standing
- Start College Now

Earn Credit for What You Already Know

- Transferring credits into Northwood Tech
- Credit for your experience
- Credit by exam
- Military Education Experience Credit

Find more information on Credit for Prior Learning at **NorthwoodTech.edu/credit**

Your Journey Starts Here!

› University Transfer Degree

Northwood Tech has partnered with UW-Superior to offer two transferable Liberal Arts degrees in arts and sciences, allowing up to 72 credits to transfer to the University of Wisconsin System. Completion of the Associates Degree allows for maximum transfer. Typical transfer areas of study include Science, Engineering, Business, Health and Technology.

› Beyond Northwood Tech—Transferring Credits Out

Many Northwood Tech programs have articulation agreements with several four-year institutions to seamlessly allow you to transfer credits toward a bachelor's degree. Northwood Tech counselors can help you plan your future educational options, depending on your program of choice.

You can also earn your four-year degree through our online partners such as Bellevue University, Franklin University, UW-Whitewater, Concordia University Wisconsin, Marian University, Mount Mary University, Viterbo University, Grand Canyon University and Lakeland University.

Check with an admissions counselor at the four-year college or university of your choice for information on course transferability. Learn more at **NorthwoodTech.edu/transfer**

The Innovative Teaching and Learning Center (iTLC)

The mission of the iTLC is to promote excellence in teaching and learning, inspire growth, and provide accessible training, resources and supports throughout Northwood Technical College. There are four key areas to help support your success in research, technology, math, writing, tutoring and more.

- Library
- Learning Technology Center
- Academic Support Center
- Math, Science and Writing Lab

Accommodation Services

Students with disabilities are entitled by law to an equal and accessible education. The Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973 both clearly mandate equal post-secondary education for students with disabilities. Northwood Tech Accommodation Specialists work with students, faculty, and staff in providing modifications, accommodations, and auxiliary aides to ensure that the educational environment is accessible to all students with disabilities. For more information, contact the Accommodations Specialist at the Northwood Tech campus you would like to attend.

Blaze Your Own Trail.

Programs Arranged by CAREER CLUSTER

Programs offered at

Agriculture, Food and Natural Resources | p9	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
Agricultural Power and Equipment Technician			X			
Farm Operation		X	X	X	X	
Veterinary Technician			X			

Architecture and Construction | p12	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
Architectural Commercial Design*	X	X	X		X	
Construction and Cabinetmaking*				X		
Construction Essentials ◊						
Architectural Woodworking/Cabinetmaking				X		
Drafting Technician	X	X				
Refrigeration Essentials					X	
Heating, Ventilation, and Air Conditioning/Refrigeration*					X	
HVAC Installation Technician					X	
Utility Construction Technician*				X		

Business, Management and Administration | p20	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
Administrative Coordinator	X	X	X	X	X	X
Office Technology Assistant	X	X	X	X	X	X
Microsoft Office	X	X	X	X	X	X
Office Support Specialist	X	X	X	X	X	X
Customer Service Manager	X					
Business Management	X	X	X	X	X	X
Medical Administrative Professional	X	X	X	X	X	X
Healthcare Receptionist	X	X	X	X	X	X
Health Office Professional	X	X	X	X	X	X
Medical Billing Specialist	X	X	X	X	X	X
Human Resource Management	X	X	X	X	X	X
Human Resources and Payroll Generalist	X	X	X	X	X	X
Leadership Development	X	X	X	X	X	X
Leadership Essentials*	X	X	X	X	X	X
Nonprofit Leadership	X					
Nonprofit Professional*	X					

Finance | p32	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
Accounting	X	X	X	X	X	X
Accounting Assistant	X	X	X	X	X	X
Billing and Posting Clerk	X	X	X	X	X	X
Financial Services	X	X	X	X	X	X
Financial Services Customer Representative	X	X	X	X	X	X

Education and Training | p36	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
Early Childhood Education		X	X	X	X	
E-CHiLD	X					
E-Connect - Child Care Services	X					

Health Science | p39	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
Dental Assistant				X		
Gerontology - Aging Services Professional	X	X	X	X	X	
Health Information Technology	X					
Medical Coding Specialist	X					
Medical Assistant		X	X	X		
Nursing - Associate Degree		X	X	X	X	
Nursing - Associate Degree - Part Time	X					
Nursing Assistant		X	X	X	X	
Occupational Therapy Assistant		X	X	X		
Pharmacy Technician			X		X	

Hospitality and Tourism | p48	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
Hospitality Foundations*		X	X	X		

Human Services | p49	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
Cosmetology				X	X	
Community-Based Residential Facility (CBRF) Caregiver		X	X	X		
Human Services Associate		X	X	X		
Substance Abuse Counselor Education		X				

Information Technology | p52	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
IT - Cybersecurity Specialist		X	X	X	X	
IT - Systems Administration Specialist		X	X	X	X	
IT - Web and Software Developer	X		X			

Law, Public Safety and Security | p56	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
Advanced EMT			X			
Criminal Justice - Law Enforcement 720 Academy				X		
Criminal Justice Studies	X					
Emergency Medical Technician		X	X	X	X	
Paramedic Technician				X		
Emergency Medical Technician - Paramedic		X	X	X	X	

Manufacturing | p60	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
Automated Packaging Systems Technician*			X			
Industrial Systems Specialist*			X			
Automation for Industrial Systems*			X			
Industrial Maintenance Technician				X		
Machine Tool Technician					X	
Machine Tool Operation		X				
Machine Tool Operation - CNC				X		
Machine Tooling Technics						
Welding		X	X	X		

Transportation, Distribution and Logistics | p72	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
Automotive Service Technician					X	
Automotive Technician			X			
Diesel Equipment Technician		X				
Marine Repair Technician*		X				
Power Sports Technician						
Truck Driving - CDL A					X	

Liberal Arts | p78	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
University Transfer Degree - Associate to Bachelor's/Arts	X					
University Transfer Degree - Associate to Bachelor's/Science	X					

Individualized Studies	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
Individualized Technical Studies		X	X	X	X	
Technical Studies - Journeyworker		X	X	X	X	

For Online Programs: Practicum/fieldwork/etc., days, times, locations may vary

* Unique in Wisconsin

◊ Custom Program, see page 7

Certificates

Certificates offered at

	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
**Agriculture, Food and Natural Resources	p9**						
Agricultural Business Fundamentals		■	■	■	■	■
Crop Production		■	■	■	■	■
Livestock Production		■	■	■	■	■
**Business, Management and Administration	p20**						
Business Administration Specialist		■	■	■	■	
Business Graphics	■	■	■	■	■	
Customer Service	■	■	■	■	■	■
Management Certificate	■	■	■	■	■	■
Nonprofit Essentials*	■					
Supervisory Leadership	■	■	■	■	■	■
**Finance	p32**						
Tax Preparer Assistant	■	■	■	■	■	■
**Education and Training	p36**						
Professional Credential for Infants/Toddlers (Wisconsin)	■					
Preschool Education Professional (The Registry Preschool Credential)	■		■	■	■	
Group Child Care Essentials	■					
**Health Science	p39**						
Dementia Care*	■	■	■	■	■	
Gerontology for Healthcare Professionals*	■	■	■	■	■	
Personal Care Worker		■	■	■		
Phlebotomy			■	■		
**Transportation, Distribution and Logistics	p72**						
Advanced Marine Repair Technician*		■				

Custom Programs

The continuing education department offers a number of credit programs through a variety of custom delivery options. Mobile site delivery allows Northwood Tech expansion of campus-based programs to off campus sites based on regional needs. Online delivery provides opportunities for training without having to travel to a campus location. All of these options provide opportunities for Northwood Tech to be responsive to student needs and partner with high schools, business and industry, and regional workforce agencies to provide training when and where it is needed.

Contact Workforce and Community Development at Northwood Tech for a list of available programs. Visit **NorthwoodTech.edu/ Customized-Training**.

Apprenticeships

Apprenticeships offered at

	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
Broadband Service Technician Apprentice*	■					
Carpentry Apprentice (ABC)			■			
Cosmetology Apprentice	■					
Electrical Construction Apprentice				■		
Injection Mold Set-up (Plastic) Apprentice			■			
Maintenance Mechanic/Millwright Apprentice				■		
Plumbing Apprentice		■	■			

Apprenticeships

Earn as you learn. Apprenticeship is a state-certified training program that provides an opportunity for you to enter a skilled occupation and achieve journey-level status. It is a formalized training program in which you "earn while you learn" offering on-the-job training (OJT) combined with classroom related instruction. As an apprentice you are registered with the state through a legal agreement called an indenture, if the employer agrees to teach you a trade. Apprentices are paid a percentage of the skilled journeyperson rate.

For more information, go to: **NorthwoodTech.edu/apprenticeship**

93%

of Northwood Tech's 2020-21 graduates in the labor market are employed.

Northwood Technical College

Most programs at Northwood Tech have no admission testing requirements.

Your next step is to schedule your admissions meeting. If you are applying to one of the programs listed below, our Northwood Tech counselors will discuss options with you. We will help you through your next steps.

Programs with Academic Requirements

Apprenticeships
- **Plumbing Apprenticeship**
- **Carpentry Apprenticeship**
- **Electrical Construction Apprenticeship**

Required assessment for listed apprenticeship programs may be waived if you have met the score requirements for the Classic ACCUPLACER®/ACT within the last five years.

- **Nursing-Associate Degree**

Required assessment for Nursing may be waived if you have an associate degree or higher, or have previous ACCUPLACER®/ACT scores.

- **Occupational Therapy Assistant**
- **Veterinary Technician**

Students considering any of the above programs **must meet one** of the following items:

- Minimum high school GPA of 2.8
- Qualifying ACT scores
- Minimum college GPA 2.2 (min 3 cr.)
- Associate degree or higher
- Qualifying ACCUPLACER® scores
- Additional measures may be considered as determined by the counselor

- **Dental Assistant**
- **Health Information Technology**
- **Medical Coding Specialist**
- **Medical Assistant**
- **Pharmacy Technician**

Students considering any of the above programs **must meet one** of the following items:

- Minimum high school GPA of 2.1
- Qualifying ACT scores
- Minimum college GPA 2.0 (min 3 cr.)
- Associate degree or higher
- Qualifying ACCUPLACER® scores
- Additional measures may be considered as determined by the counselor

> **Apply Online at NorthwoodTech.edu/apply**
> The online application takes less than 15 minutes to complete.

> **Northwood Tech Application Dates**
> - On or after October 1 for the following fall semester
> - On or after February 1 for the following spring semester
> - On or after July 1 for the following summer term
> - Additional information is listed in "Before You Apply" at **NorthwoodTech.edu/admissions/how-to-apply**.

The ACCUPLACER® or ACT entrance assessment may be waived if you have an associate degree or higher or have satisfactory scores that are less than five years old on a recent college entrance test such as ACCUPLACER® or ACT. Official transcripts or test results required. Schedule your entrance assessment through the Student Services Office. Study First! Northwood Tech encourages all students taking the ACCUPLACER® to brush up on their skills before taking the assessment. Online study tools are available at **NorthwoodTech.edu/apply**.

> **Schedule an Admissions Meeting**
> After applying, your next step is to call the Student Services Office to schedule your admissions meeting. The purpose of this meeting is to connect you with all the support services available at Northwood Tech to help you have a great experience as a college student. This meeting can be held in person, by phone, or via TEAMS.

> **Admissions Meeting Tips:**
> Bring your high school, college or military transcripts. Note: In most cases, unofficial transcripts are accepted. However many of our allied health and public safety programs require an official transcript for admission. Official transcripts are also required to award any transfer credit. If these situations apply to you, request your official transcripts to be sent directly to Northwood Tech as soon as possible.

For more information, or to schedule your assessment and/or admissions meeting, contact the Student Services Office at a campus near you. Call 800.243.9482.

Ashland: 715.682.4591   **New Richmond:** 715.246.6561

Rice Lake: 715.243.7082   **Superior:** 715.394.6677

Agricultural Power and Equipment Technician
Technical Diploma - 2 years (financial aid eligible)

Campus: New Richmond

This program consists of practical knowledge and shop management skills to help students master installation, service, assembly, adjustment, repair, and operation of various types of machinery and tractors.

Agricultural power and equipment technicians are in demand because they can handle a variety of mechanical situations. The typical positions available after graduation include:

- Equipment Mechanic
- Construction Mechanic
- Diesel Mechanic
- Lawn and Garden Equipment Mechanic
- Parts Manager

Estimated Program Cost: $10,146 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $3,652*

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32070326	Basic Engines	5 cr.
32070338	Diesel Engine Theory	1 cr.
32070339	Mobile Hydraulics Theory	1 cr.
32070341	Power Train Theory	1 cr.
32070358	Power Trains 1	5 cr.
32070361	Diesel Engine Repair	5 cr.
32070364	Power Trains 2	5 cr.
32070365	Mobile Hydraulics	5 cr.
32070366	Advanced Mobile Hydraulics	5 cr.
32070367	12-Volt Electrical Circuits	5 cr.
32070369	Mobile HVAC for Heavy Equipment	1 cr.
32070370	12-Volt Electrical Theory	2 cr.
32070371	Introduction to Live Repair	3 cr.
32412301	Diesel Safety and Industry Practices	2 cr.
32412309	Advanced Diesel Engine Controls and Emissions	1 cr.
32442307	Welding for Mechanics	2 cr.
Occupational Specific Total		49 cr.

	Occupational Supportive Courses	
32801361	Applied Communications	2 cr.
32801362	Advanced Communication Skills	2 cr.
32804303	Applied Math	2 cr.
32804313	Applied Math 2	2 cr.
Occupational Supportive Total		8 cr.

TOTAL PROGRAM REQUIREMENTS **57 cr.**

*Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Agriculture, Food and Natural Resources

Farm Operation Pathway

You could take this first and get a credential.

Crop Production
Pathway Certificate

9 Credits / less than one year

Potential Careers

Field Technician, Field Applicator, Custom Operator, Agricultural Equipment Operator

Livestock Production
Pathway Certificate

9 Credits / less than one year

Potential Careers

Farm Laborers, Feeder, Animal/Livestock Handler

Agricultural Business Fundamentals
Pathway Certificate

11 Credits / less than one year

Potential Careers

Farm Bookkeeper, Agricultural Administrative Assistant

Continue your education to obtain this technical diploma.

Farm Operation
Technical Diploma

27 Credits / 1 Year

Potential Careers

CSA Owner, Organic Farmer, Farm Owner, Farm Manager/Operator, Farm/Field Crop Manager, Livestock Farmer, Breeder, Farm Worker, Dairy Laborer, Dairy Herdsperson

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech
Transfer Options
UW-Stout

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The college listed has developed a Technical Diploma to Bachelor Degree Articulation Agreement with Northwood Tech

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at the four year college listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Farm Operation
Technical Diploma - 1 year (financial aid eligible)

Campuses: Ashland*, New Richmond* Rice Lake* and Superior*
Outreach Center: Balsam Lake*

The Farm Operation technical diploma will give students both classroom and on-the-farm instruction.

Farm Operation graduates are in demand because of the concern for profit in the farming industry. Typical careers available after graduation include:

• CSA Owner
• Organic Farm
• Farm Owner
• Farm Manager/Operator
• Farm/Field Crop Manager
• Livestock Farmer
• Breeder
• Farm Worker
• Dairy Laborer
• Dairy Herdsperson

Estimated Program Cost: $4,475 - Tuition and fees.

Average Monthly Salary: $4,831**

*Combination of Hybrid and On Site instruction

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
31094343	Farm Commodities	2 cr.
31080370	Operating the Farm Business	3 cr.
31080371	Soil Management	3 cr.
31080372	Crop Management	3 cr.
31080373	Livestock Nutrition	3 cr.
31080374	Livestock Management	3 cr.
31080375	Farm Records and Analysis	3 cr.
31080376	On the Farm 1	2 cr.
31080377	On the Farm 2	2 cr.
31080378	Emerging Trends in Agriculture	3 cr.
	PROGRAM REQUIREMENTS	**27 cr.**

**Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates.

Veterinary Technician Pathway

This technical diploma is embedded in the Veterinary Technician program.

Veterinary Assistant

Technical Diploma

32 Credits / 1 Year Full Time

Potential Careers

Veterinary Assistant

Veterinary assistants can work as assistants, receptionists and kennel workers. Veterinary assistants handle animals and provide nursing assistance, feed and exercise animals, fill prescriptions and keep exam rooms and reception desks running smoothly

▼

You could earn this associate degree.

Veterinary Technician

Associate Degree

65 Credits / 2 Years Full Time

Potential Careers

Veterinary Technician, Laboratory Animal Technician

Veterinary Technicians work in veterinary clinics and hospitals, humane societies, education, pharmaceutical supplies, research, zoos and wildlife parks, military, public health and government. They collect patient history and perform initial examinations, run laboratory tests, take x-rays, administer anesthesia, and assist in surgery.

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-River Falls+

UW-Stout

UW-Whitewater

Bellevue University

Concordia University Wisconsin

Franklin University

Lakeland University

Milwaukee School of Engineering (MSOE)

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree to Bachelor Degree Articulation Agreement with Northwood Tech

- + This college has developed an agreement directly related to the Veterinary Technician program.

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process

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Veterinary Technician
Associate Degree - 2 years (financial aid eligible)

Campus: New Richmond

As a student of the Veterinary Technician program, you will learn to obtain patient history and perform the initial physical exam, place intravenous catheters and give injectable medications, anesthetize and monitor patients, assist in surgery, apply bandages and splints and evaluate lab samples under a microscope. You will also be trained to do dental cleanings on dogs and cats.

Typical positions available after graduation:

- Veterinary Technician
- Laboratory Animal Technician

Estimated Program Cost: $11,176 - Tuition and fees.

Veterinary Technician programs are accredited by the American Veterinary Medical Association - Committee on Veterinary Technician Education and Activities (AVMA-CVTEA) at 1931 North Meacham Road, Suite 100, Schaumburg, IL 60173-4360, phone: 800.248.2862. Graduates of AVMA-CVTEA accredited programs are eligible to take the Veterinary Technical National Exam (VTNE) and the Wisconsin state exam directly with the American

Associate of Veterinary State Boards (AAVSB) at **AAVSB.org** upon graduation. The Committee on Veterinary Technical Education and Activities (CVTEA) of the American Veterinary Medical Association (AVMA) has granted Initial Accreditation to Northwood Tech's Veterinary Technology Program, effective February 4, 2021. All students will be eligible to take the VTNE and Wisconsin state exam upon graduation. After successful completion of the exams, the individual will be a Certified Veterinary Technician (CVT).

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10091100	Animal Care and Management	3 cr.
10091101	Veterinary Business Practices	3 cr.
10091102	Veterinary Medical Terminology	2 cr.
10091103	Clinical Pathology 1 for Vet Sciences	4 cr.
10091104	Clinical Pathology 2 for Vet Sciences	4 cr.
10091105	Surgical Procedures 1 for Vet Sciences	3 cr.
10091106	Surgical Procedures 2 for Vet Sciences	3 cr.
10091107	Imaging for Veterinary Sciences	3 cr.
10091108	Veterinary Pharmacology	3 cr.
10091120	Lab Animals and Non-Traditional Pets	3 cr.
10091110	Clinical Skills 1 for Vet Sciences	2 cr.
10091111	Clinical Skills 2 for Vet Sciences	2 cr.
10091112	Veterinary Technician Certification Review	3 cr.
10091113	Anesthesia for Veterinary Sciences	3 cr.
10091114	Veterinary Technician Clinical Internship	4 cr.
Technical Studies Total		45 cr.

General Studies Courses		
10801136	English Composition 1	3 cr.
10801196	Oral /Interpersonal Communication	3 cr.
10806105	Principles of Animal Biology	4 cr.
10806197	Microbiology	4 cr.
10809166	Introduction to Ethics: Theory and Application **or**	
10809196	Introduction to Sociology or	
10809172	Introduction to Diversity Studies	3 cr.
10809198	Introduction to Psychology	3 cr.
General Studies Total		20 cr.

| **PROGRAM REQUIREMENTS** | | **65 cr.** |

Architectural Commercial Design Pathway

You could take this first and get a credential.

Drafting Technician

Technical Diploma

26 Credits / 1 Year Full Time

Potential Careers

Designer, CAD Technician, CAD Designer

▼

Continue your education to obtain an associate degree.

Architectural Commercial Design

Associate Degree

63 Credits / 2 Years Full Time; Part Time Options Available

Potential Careers

CAD Technician, Store Planner, Project Manager, Technical Coordinator, Design Technician, CAD Technician, Architectural Technician, BIM Technician

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Become An Architect

The four steps include: Education, Experience, Examination and Licensure & Certification

For details, please go to the National Council of Architectural Registration Boards website: **www.ncarb.org/become-architect/basics**

Transfer Options

UW-Stout

UW-Whitewater

Bellevue University

Concordia University Wisconsin

Franklin University

Lakeland University

Milwaukee School of Engineering (MSOE)

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree Articulation Agreement with Northwood Tech

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Architectural Commercial Design (unique in WI)
Associate Degree - 2 years (financial aid eligible)

Campuses: Ashland*, New Richmond*, Rice Lake*, Superior*

The program will prepare students to translate the ideas, rough sketches, specifications, and calculations of engineers, architects and designers into commercial and residential working drawings.

This program will prepare students to work in both residential and commercial building design industries. Positions available after graduation include:

• CAD Technician
• Store Planner
• Project Manager
• Technical Coordinator
• Design Technician
• CAD Technician
• Architectural Technician
• BIM Technician

Estimated Program Cost: $10,032 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $4,059

*Available through Online Live instruction

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10614129	Building Estimating	3 cr.
10614165	Site Design	3 cr.
10614170	Architectural Materials and Methods 1	3 cr.
10614171	Architectural Materials and Methods 2	3 cr.
10614172	Architectural Drafting and Design 1	4 cr.
10614173	Architectural Drafting and Design 2	4 cr.
10614174	Architectural Drafting and Design 3	5 cr.
10614175	Architectural Drafting and Design 4	5 cr.
10614176	Architectural Technology 1	3 cr.
10614177	Architectural Technology 2	2 cr.
10614178	Architectural Technology 3 **or**	
10614115	Architectural Internship	3 cr.
10614179	Mechanical Systems	3 cr.
10614180	Structural Analysis and Design	3 cr.
	Technical Studies Total	44 cr.

General Studies Courses

10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication	3 cr.
10804118	Intermediate Algebra with Applications	4 cr.
10804196	Trigonometry with Applications	3 cr.
10809122	Introduction to American Government **or**	
10809166	Introduction to Ethics: Theory and Application **or**	
10809172	Introduction to Diversity Studies **or**	
10809195	Economics **or**	
10809196	Introduction to Sociology	3 cr.
10809198	Introduction to Psychology **or**	
10809188	Developmental Psychology	3 cr.
	General Studies Total	19 cr.
	TOTAL PROGRAM REQUIREMENTS	**63 cr.**

The Drafting Technician will work in various positions within the engineering, architectural, construction and manufacturing industries. Students will create working drawings and technical drawings from rough sketches or from scratch. Skills include the visualization of forms and shapes from blueprints and sketches, applying technical knowledge, attention to details, and competence on the latest versions of AutoCAD and REVIT software.

Typical positions available after graduation include:

- Designer
- CAD Technician
- CAD Designer

Estimated Program Cost: $4,126 - Tuition and fees.

No graduate follow-up information is currently available.

*Available through Online Live instruction

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10614170	Architectural Materials and Methods 1	3 cr.
10614172	Architectural Drafting and Design 1	4 cr.
10614173	Architectural Drafting and Design 2	4 cr.
10614176	Architectural Technology 1	3 cr.
10614177	Architectural Technology 2	2 cr.
10614179	Mechanical Systems	3 cr.
Occupational Specific Total		19 cr.
Occupational Supportive Courses		
10801196	Oral/Interpersonal Communication	3 cr.
10804118	Intermediate Algebra with Applications	4 cr.
Occupational Supportive Total		7 cr.
PROGRAM REQUIREMENTS		**26 cr.**

Architectural Commercial Design
Student Projects and Illustrations

BEFORE

AFTER

Architecture and Construction

13
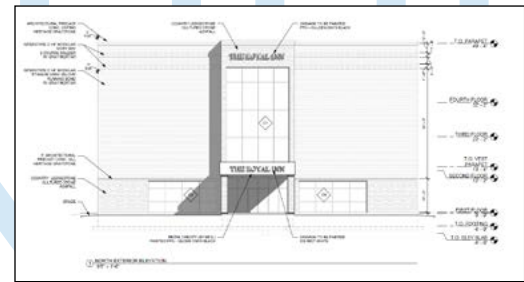
Construction and Cabinetmaking Pathway

You could take this first and get a credential.

Construction Essentials

Technical Diploma

9 Credits / 1 Year Part Time

Potential Careers

Construction Worker, Construction/ Carpenter Laborer, Carpenter Assistant, Carpentry Framer

Architectural Woodworking & Cabinetmaking

Technical Diploma

29 Credits / 1 Year

Potential Careers

Cabinetmaker, Cabinet Installer, Furniture Maker, Machine Operator, Interior Finish Carpenter

Continue your education to obtain this technical diploma.

Construction and Cabinetmaking

Technical Diploma

62 Credits / 2 Years Full Time

Potential Careers

Carpenter, Woodworking Machine Operator, Furniture Finisher, Millperson, Machine Setup Person, Cabinetmaker/Furniture Maker, Salesperson, Estimator, Draftsperson, Material Handling Specialist, Interior/Exterior Finisher

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Bachelor's Degree

UW-Stout

Important Notes on Transferring:

- Check out **Northwood Tech.edu/transfer** for details on specific agreements listed

- The college listed has developed a Technical Diploma to Bachelor Degree Articulation Agreement with Northwood Tech

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process

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Construction and Cabinetmaking (unique in WI)
Technical Diploma - 2 years (financial aid eligible)

Campus: Rice Lake

Students will learn the fundamentals of building design, energy efficiency concepts, construction, layout operation, related mathematics, print reading, estimating, cabinet design, and materials of industry.

Typical positions available after graduation include:

- Carpenter
- Woodworking Machine Operator
- Furniture Finisher
- Millperson
- Machine Setup Person
- Cabinetmaker/Furniture Maker
- Salesperson
- Estimator
- Draftsperson
- Material Handling Specialist
- Interior/Exterior Finisher

Estimated Program Cost: $11,117 - Tuition and fees.

Employed full-time in related field: 71%*

Average Annual Starting Salary: $39,891*

*2020 Graduate Follow Up Data

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32410300	Cabinet and Furniture Making 1	5 cr.
32410302	Cabinet and Furniture Making 2	5 cr.
32410303	Construction Framing 1	4 cr.
32410304	Advanced Construction Framing (WBL)	4 cr.
32410320	CNC Machine Operation	2 cr.
32410326	Site Surveying	1 cr.
32410329	Building Materials Estimating	3 cr.
32410332	Drafting for Carpentry 1	5 cr.
32410333	Drafting for Carpentry 2	5 cr.
32410334	Production Cabinetmaking	5 cr.
32410335	Interior Finish	5 cr.
32410339	Print Reading for Building Construction	2 cr.
32410353	Construction Framing 2	4 cr.
Occupational Specific Total		50 cr.
Occupational Supportive Courses		
32801361	Applied Communications	2 cr.
32801362	Advanced Communication Skills	2 cr.
32804325	Applied Technical Math 1	3 cr.
32804335	Advanced Technical Math	3 cr.
32809380	Applied Interpersonal Skills	2 cr.
Occupational Supportive Total		12 cr.
PROGRAM REQUIREMENTS		**62 cr.**
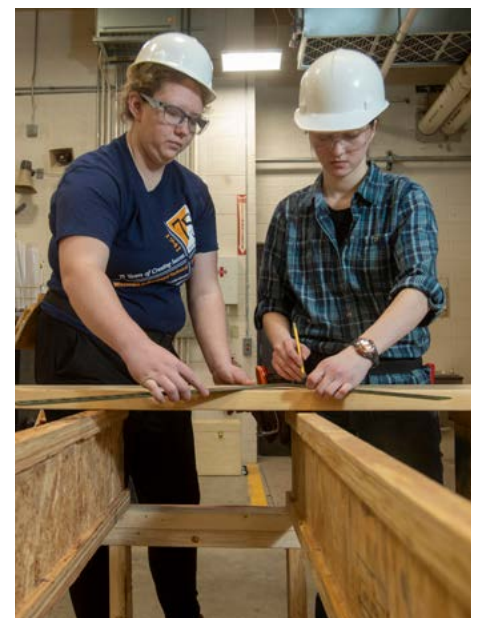
Construction Essentials
Technical Diploma - less than 1 year

The Construction Essentials program will provide students with the basic knowledge and skills necessary for entry level job success in the construction field. Students will learn the basic fundamentals of construction framing and drafting along with print reading and math concepts related to construction. Safety principles and the use of hand and power tools will be covered.

Typical positions available after graduation include:

• Construction Worker
• Construction/Carpenter Laborer
• Carpenter Assistant
• Carpentry Framer

Estimated Program Cost: $ 1,511 - Tuition and fees.

Employed full-time in related field: 40%*

Average Annual Starting Salary: $39,330*

*2020 Graduate Follow Up Data

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32410303	Construction Framing 1	4 cr.
32410339	Print Reading for Building Construction	2 cr.
	Occupational Specific Total	6 cr.
Occupational Supportive Courses		
32804325	Applied Technical Math 1	3 cr.
	Occupational Supportive Total	3 cr.
	TOTAL PROGRAM REQUIREMENTS	**9 cr.**

Architectural Woodworking/Cabinetmaking
Technical Diploma - 1 year (financial aid eligible)

The Architectural Woodworking & Cabinetmaking technical diploma will provide students with the knowledge and skills necessary to work in cabinet and/or furniture shops, furniture factories, display shops, and finish the interior of homes.

Typical positions available after graduation include:

• Cabinet Installer
• Cabinetmaker
• Machine Operator
• Furniture Maker
• Interior Finish Carpenter

Estimated Program Cost: $5,147 - Tuition and fees.

No graduate follow-up information is currently available.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32410300	Cabinet and Furniture Making 1	5 cr.
32410302	Cabinet and Furniture Making 2	5 cr.
32410320	CNC Machine Operation	2 cr.
32410334	Production Cabinetmaking	5 cr.
32410335	Interior Finish	5 cr.
32410339	Print Reading for Building Construction	2 cr.
	Occupational Specific Total	24 cr.
Occupational Supportive Courses		
32801361	Applied Communications	2 cr.
32804325	Applied Technical Math 1	3 cr.
	Occupational Supportive Total	5 cr.
	PROGRAM REQUIREMENTS	**29 cr.**
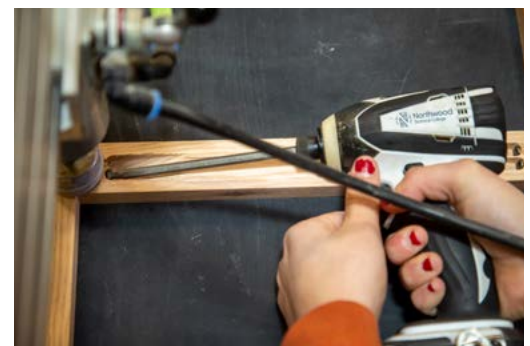
Heating, Ventilation, and Air Conditioning/Refrigeration Pathway

You could take this first and get a credential.

Refrigeration Essentials

Technical Diploma

14 Credits / Less Than 1 Year

Potential Careers

Service Technician, Refrigeration Technician

▼

Continue your education to obtain this technical diploma.

HVAC Installation Technician

Technical Diploma

27 Credits / 1 Year Full Time

Potential Careers

HVAC Installer, HVAC Mechanic, Service Technician, Systems Mechanic

▼

Continue your education to obtain this technical diploma.

**Heating, Ventilation, and Air Conditioning/
Refrigeration (HVAC/R)**

Technical Diploma

54 Credits / 2 Years Full Time

Potential Careers

Residential HVAC/R Technician, Commercial HVAC/R Technician, Industrial HVAC/R Technician, Mechanical Contractor HVAC/R Technician, Facilities HVAC/R Technician, Wholesale Service Representative

With additional education and/or work experience, graduates may find other opportunities for employment, including:

- Energy Management Technician
- Business Owner HVAC/R
- Practice Engineering of HVAC/R Systems

▼

Continue your education to obtain a bachelor's degree.

**BEYOND Northwood Tech
Transfer Options**

UW-Stout

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The college listed has developed a Technical Diploma to Bachelor Degree Articulation Agreement with Northwood Tech

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Refrigeration Essentials
Technical Diploma - less than 1 year

Campus: Superior

The Refrigeration Essentials program will allow students to complete coursework in Air Conditioning, Refrigeration and Basic Mechanical Fundamentals. Full time students will be able to complete this short term technical diploma in one semester (16 weeks). Students will be prepared to test for the Technician EPA Section 608 Certification and NC3 Certifications.

Typical positions available after graduation include:

- Refrigeration Technician
- Service Technician

Estimated Program Cost: $ 2,388 - Tuition and fees.

Refrigeration Essentials is a new Northwood Tech program. No graduate follow-up information is currently available.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32601300	Air Conditioning Fundamentals	2 cr.
32601301	Basic Mechanical Fundamentals	3 cr.
32601303	Principles of AC/DC	3 cr.
32601317	Refrigeration Fundamentals	3 cr.
	Occupational Specific Total	11 cr.
Occupational Supportive Courses		
32804325	Applied Technical Math 1	3 cr.
	Occupational Supportive Total	3 cr.
	PROGRAM REQUIREMENTS	**14 cr.**

Heating, Ventilation and Air Conditioning/Refrigeration (HVAC/R)
Technical Diploma - 2 years (financial aid eligible)

This program will prepare students to install, service, maintain, and operate HVAC/R systems in residential, public, and light commercial buildings.

Typical positions available after graduation include:

- Residential HVAC/R Technician
- Commercial HVAC/R Technician
- Industrial HVAC/R Technician
- Mechanical Contractor HVAC/R Technician
- Facilities HVAC/R Technician
- Wholesale Service Representative

With additional education and/or work experience, graduates may find other opportunities for employment:

- Energy Management Technician
- Business Owner HVAC/R
- Practice Engineering of HVAC/R Systems

Estimated Program Cost: $9,360 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $3,553

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32150302	Applied IT Basics	1 cr.
32601300	Air Conditioning Fundamentals	2 cr.
32601301	Basic Mechanical Fundamentals	3 cr.
32601303	Principles of AC/DC	3 cr.
32601304	Heating Systems	2 cr.
32601305	Electrical Controls and Systems	3 cr.
32601306	HVAC/R Print Reading	2 cr.
32601307	Heating System Applications	3 cr.
32601308	Electronic Energy Management	3 cr.
32601309	Control Circuit Applications	3 cr.
32601310	Sheet Metal Fabrication	2 cr.
32601311	Hydronic Heating	3 cr.
32601312	Refrigeration Applications	3 cr.
32601313	HVAC/R Electronic Troubleshooting/ Repair (WBL)	2 cr.
32601314	Heat Load Estimation	1 cr.
32601315	Geothermal Systems	2 cr.
32601316	Building Automation Systems	2 cr.
32601317	Refrigeration Fundamentals	3 cr.
Occupational Specific Total		43 cr.
Occupational Supportive Courses		
32801361	Applied Communications	2 cr.
32801362	Advanced Communication Skills	2 cr.
32804325	Applied Technical Math 1	3 cr.
32804334	Applied Technical Math 2	2 cr.
32809380	Applied Interpersonal Skills	2 cr.
Occupational Supportive Total		11 cr.
PROGRAM REQUIREMENTS		**54 cr.**

HVAC Installation Technician
Technical Diploma - 1 year (financial aid eligible)

The HVAC Installation Technician program will give students the skills to install new heating, cooling, and ventilation systems, inspect current HVAC systems for effectiveness and safety, perform preventative maintenance on HVAC systems to increase longevity, and conduct performance tests with specialized tools. Students will be prepared to test for the Technician EPA Section 608 Certification and multiple NC3 Certifications.

Typical positions available after graduation include:

- HVAC Installer
- HVAC Mechanic
- Service Technician
- Systems Mechanic

Estimated Program Cost: $4,583 - Tuition and fees.

Average Monthly Salary: $4,177*

*Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32601300	Air Conditioning Fundamentals	2 cr.
32601301	Basic Mechanical Fundamentals	3 cr.
32601303	Principles of AC/DC	3 cr.
32601304	Heating Systems	2 cr.
32601305	Electrical Controls and Systems	3 cr.
32601306	HVAC/R Print Reading	2 cr.
32601310	Sheet Metal Fabrication	2 cr.
32601317	Refrigeration Fundamentals	3 cr.
Occupational Specific Total		20 cr.
Occupational Supportive Courses		
32801361	Applied Communications	2 cr.
32804325	Applied Technical Math 1	3 cr.
32804334	Applied Technical Math 2	2 cr.
Occupational Supportive Total		7 cr.
PROGRAM REQUIREMENTS		**27 cr.**

Architecture and Construction

Utility Construction Technician Pathway

Embedded in the Utility Construction Technician.

Truck Driving

Technical Diploma

10 Credits / Less than 1 Year

Potential Careers

Company Driver/Owner Operator, Driver Manager. Driver Mentor, Local/Regional/Long Distance Driver, Recruiting Specialist, Dispatch Driver, Over-the-Road Truck Driver, Straight Truck Driver (Dump, Cement, Delivery)

▼

Continue your education to obtain this technical diploma.

Utility Construction Technician

Technical Diploma

37 Credits / 1 Year

Potential Careers

Utility Service Operator, Vibratory Plow Operator, Horizontal Directional, Drill Operator, Excavator Operator, Truck Driver Equipment Hauler, Fiber Optic and Copper Slicer, Utility Service Flagger, Underground Facilities Locator, Utility Service Laborer

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The college listed has developed a Technical Diploma to Bachelor Degree Articulation Agreement with Northwood Tech

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process

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Utility Construction Technician (unique in WI)
Technical Diploma - 1 year (financial aid eligible)

Campus: Rice Lake

This program will introduce outside plant cabling practices, installed as aerial cable between poles, in an underground conduit system, or by direct burial. Students will understand the basic electricity, blue print reading and facility location. Students will have the ability to obtain the CDL class A permit. They will practice basic construction practices techniques for outside plant services. Students will analyze work zone safety practices and receive OSHA 10 permit.

Typical positions available after graduation include:

- Utility Service Operator
- Vibratory Plow Operator
- Horizontal Directional Drill Operator
- Excavator Operator
- Truck Driver Equipment Hauler
- Fiber Optic and Copper Slicer
- Utility Service Flagger
- Underground Facilities Locator
- Utility Service Laborer
- Many other opportunities available

Estimated Program Cost: $6,355 - Tuition and fees.

Utility Construction Technician is a new Northwood Tech program. No graduate follow-up information is currently available.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
30458304	Truck Driving - Semi Level 1	3 cr.
30458305	Truck Driving - Semi Level 2	3 cr.
30458303	Truck Driving - Semi Level 3	4 cr.
31476303	Broadband and Power Installation	4 cr.
31476304	Work Zone Training and Cable Locating	3 cr.
31476305	Utility Construction Concerns	1 cr.
31476306	Aerial Installation Field Training	4 cr.
31476307	Preventative and Predictive Maintenance	2 cr.
32476305	Construction Practices 1	4 cr.
32476306	Construction Practices 2	4 cr.
32451370	Broadband Fiber Service 201	3 cr.
Occupational Specific Total		35 cr.
Occupational Supportive Courses		
32804303	Applied Math	2 cr.
Occupational Supportive Total		2 cr.
PROGRAM REQUIREMENTS		**37 cr.**

PCCA
Power & Communication Contractors Association
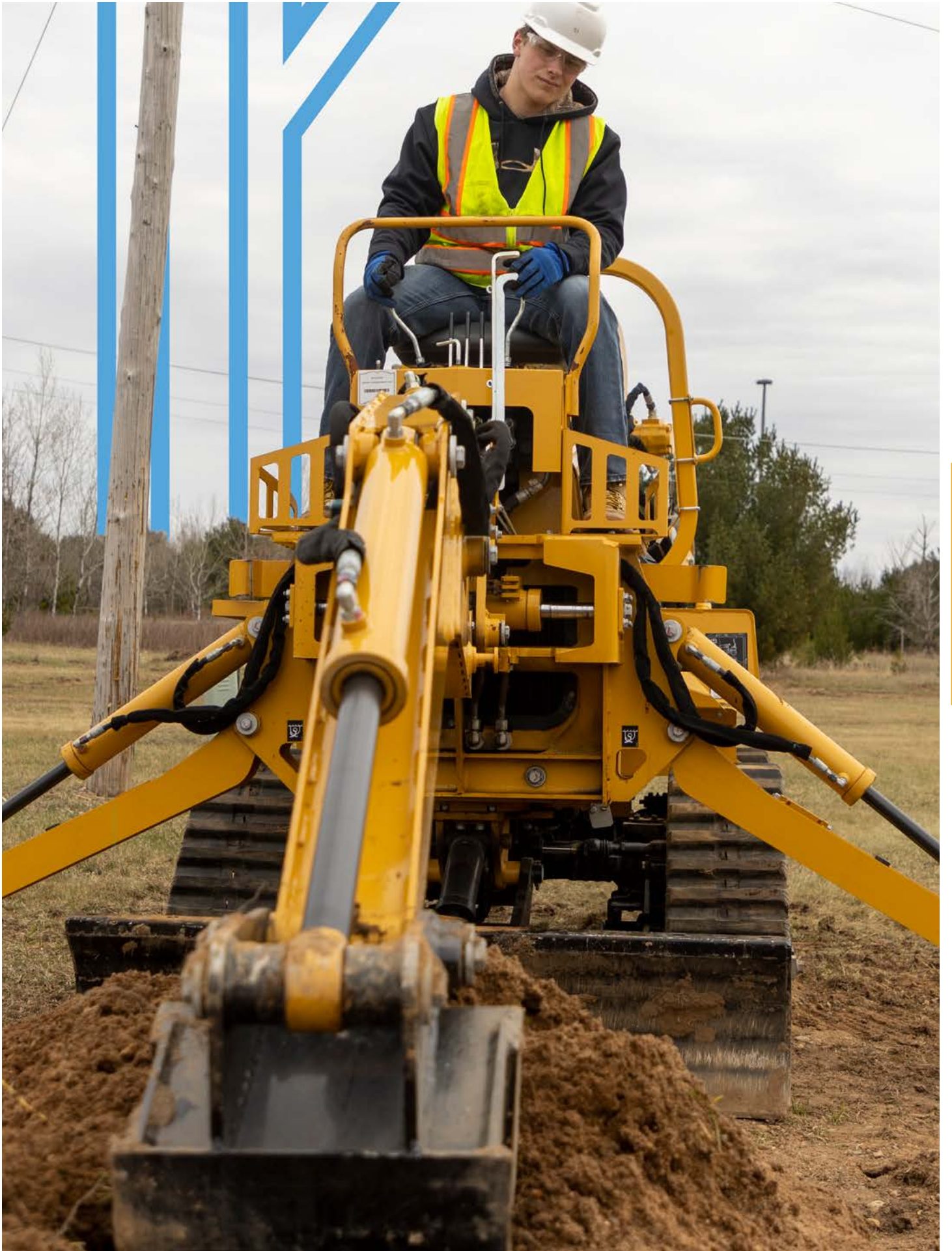
Administrative Coordinator Pathway

You could take this first and get a credential.

Office Technology Assistant

Technical Diploma

18 Credits / Less Than 1 Year Part Time

Potential Careers

Customer Service Representative, File Clerk, Receptionist/Information Clerk

Microsoft Office

Technical Diploma

10 Credits / Less Than One Year Part Time

Potential Careers

Word Processor, Clerk Typist, Program Assistant

You could take this first and get a credential.

Office Support Specialist

Technical Diploma

30 Credits / 1 Year Full Time; Part Time Options Available

Potential Careers

Office Support Specialist, Receptionist/Secretary, Data Entry Operator

Continue your education to obtain this associate degree.

Administrative Coordinator

Associate Degree

60 credits

Potential Careers

Administrative Coordinator, Executive Assistant, Office Manager, Virtual Assistant

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout
UW-Whitewater
Bellevue University
Concordia University Wisconsin
Franklin University
Lakeland University+
Milwaukee School of Engineering (MSOE)

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree to Bachelor Degree Articulation Agreement with Northwood Tech

- + These colleges have developed an agreement / transfer guide directly related to Administrative Coordinator

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, www.transferology.com, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Administrative Coordinator
Associate Degree - 2 years (financial aid eligible)

Campuses: Ashland*, New Richmond*, Rice Lake*, Superior* and Online
Outreach Centers: Balsam Lake*, Hayward* and Ladysmith*

The Administrative Coordinator program prepares individuals with cutting edge skills needed to perform the duties of administrative support personnel. Individuals will develop key skills such as virtual assistant, event planning, troubleshooting, and be the go-to for technology needs. This foundation prepares you for many career opportunities and gives you transferable credits to continue your education.

Positions available after graduation may include:

• Administrative Coordinator
• Executive Assistant
• Office Manager
• Virtual Assistant

Estimated Program Cost: $9,647 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $2,867

*Combination of Online, Your Choice, or On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10101174	QuickBooks Accounting - Beginning	2 cr.
10101176	Financial Accounting 1A	2 cr.
10103106	MS PowerPoint	1 cr.
10103125	MS Outlook	1 cr.
10103146	MS Word A	1 cr.
10103151	MS Excel A	1 cr.
10103156	Adobe Photoshop	2 cr.
10103162	MS Access A	1 cr.
10103184	Advanced Document Applications	2 cr.
10103185	Advanced Spreadsheets and Analytics	2 cr.
10106110	Document Formatting	2 cr.
10106123	Meeting and Event Planning	3 cr.
10106127	Desktop Publishing	2 cr.
10106128	Software Integration	1 cr.
10106129	Web and Social Media Technologies	3 cr.
10106139	Administrative Office Management	3 cr.
10106146	Proofreading for the Office	3 cr.
10106165	Business Information Management	2 cr.
10106166	Virtual Administrative Professional Capstone	3 cr.
10106199	Business Technology and Success	1 cr.
10890116	Job Quest	1 cr.
Technical Studies Total		39 cr.

General Studies Courses

Number	Course Title	Credits
10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication **or**	
10801198	Speech	3 cr.
10801197	Technical Reporting	3 cr.
10804123	Math with Business Applications	3 cr.
10809122	Introduction to American Government **or**	
10809172	Introduction to Diversity Studies **or**	
10809195	Economics **or**	
10809196	Introduction to Sociology	3 cr.
10809188	Developmental Psychology **or**	
10809198	Introduction to Psychology	3 cr.
	General Studies Total	18 cr.
	ELECTIVES	3 cr.
	TOTAL PROGRAM REQUIREMENTS	**60 cr.**

Office Technology Assistant
Technical Diploma - less than 1 year

The Office Technology Assistant diploma prepares students for employment in entry level positions, such as customer service representative, file clerk, receptionist or office assistant. Students will be knowledgeable in various computer applications necessary to work in today's business environment.

Positions available for Office Technology Assistant graduates include:

- Customer Service Representative
- File Clerk
- Receptionist/Information Clerk

Estimated Program Cost: $2,819 - Tuition and fees.

*Combination of Online, Your Choice or On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10101174	QuickBooks Accounting - Beginning	2 cr.
10101176	Financial Accounting 1A	2 cr.
10103125	MS Outlook	1 cr.
10103146	MS Word A	1 cr.
10103151	MS Excel A	1 cr.
10103184	Advanced Document Applications	2 cr.
10106110	Document Formatting	2 cr.
10106123	Meeting and Event Planning	3 cr.
10106146	Proofreading for the Office	3 cr.
10106199	Business Technology and Success	1 cr.
	PROGRAM REQUIREMENTS	**18 cr.**

Microsoft Office
Technical Diploma - less than 1 year

Using the Microsoft Office suite, create letters, reports, forms or other material from rough draft, corrected copy, or voice recording. In addition, create and manage spreadsheets, databases, calendars, emails, or slides for presentations.

Positions available for Microsoft Office graduates include:

- Word Processor
- Clerk Typist
- Program Assistant

Estimated Program Cost: $1,579 - Tuition and fees.

Average Monthly Salary: $5,500*

*Combination of Online, Your Choice or On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10103106	MS PowerPoint	1 cr.
10103125	MS Outlook	1 cr.
10103146	MS Word A	1 cr.
10103151	MS Excel A	1 cr.
10103162	MS Access A	1 cr.
10103184	Advanced Document Applications	2 cr.
10103185	Advanced Spreadsheets and Analytics	2 cr.
10106128	Software Integration	1 cr.
	PROGRAM REQUIREMENTS	**10 cr.**

Office Support Specialist
Technical Diploma - 1 year (financial aid eligible)

The Office Support Specialist program prepares students for employment in the rapidly changing field of office technology.

Office Support Specialist graduates are in demand because they know how to operate today's high-tech office equipment. Positions available after graduation include:

- Office Support Specialist
- Receptionist/Secretary
- Data Entry Operator

Estimated Program Cost: $4,680 - Tuition and fees.

Average Monthly Salary: $2,597**

*Combination of Online, Your Choice or On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

**Average monthly salaries were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10101176	Financial Accounting 1A	2 cr.
10103106	MS PowerPoint	1 cr.
10103125	MS Outlook	1 cr.
10103146	MS Word A	1 cr.
10103151	MS Excel A	1 cr.
10103162	MS Access A	1 cr.
10103184	Advanced Document Applications	2 cr.
10106110	Document Formatting	2 cr.
10106139	Administrative Office Management	3 cr.
10106146	Proofreading for the Office	3 cr.
10106165	Business Information Management	2 cr.
10106199	Business Technology and Success	1 cr.
10804123	Math with Business Applications	3 cr.
10890116	Job Quest	1 cr.
	Occupational Specific Total	24 cr.

Number	Course Title	Credits
Occupational Supportive Courses		
10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication **or**	
10801198	Speech	3 cr.
	Occupational Supportive Total	6 cr.
	TOTAL PROGRAM REQUIREMENTS	**30 cr.**

Business Management and Administration • Finance

21

Business Management - General Emphasis Pathway

You could take this first and get a credential.

Customer Service Manager

Technical Diploma

30 Credits / 1 Year Full Time, Part Time Options Available

Potential Careers

Account Coordinator, Customer Service Specialist, Help Desk Specialist, Account Representative

▼

Continue your education to obtain this associate degree.

Business Management - General Emphasis

Associate Degree

60 Credits / 2 Years Full Time, Part Time Options Available

Potential Careers

Store Manager, Customer Service, Assistant Manager, Management Trainee, Department Manager, Branch Manager, Operations Assistant, Coordinator, Owner/Entrepreneur, Sales, Agent, Client Services

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech Transfer Options

UW-Stout

UW-Superior+

UW-Whitewater

Bellevue University

Concordia University Wisconsin

Franklin University+

Lakeland University+

Milwaukee School of Engineering (MSOE)

Northland College+

UM-Crookston+

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree Articulation Agreement with Northwood Tech

- + These colleges have developed an agreement directly related to the Business Management field

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Customer Service Manager
Technical Diploma - 1 year (financial aid eligible)

Campuses: Ashland*, New Richmond*, Rice Lake* and Superior*
Outreach Centers: Balsam Lake*, Hayward* and Ladysmith*

The Customer Service Manager technical diploma will prepare you to implement the activities of production, pricing, distribution, and promotion of products. You'll apply marketing, customer service, project management, and finance skills in solving business problems. In addition, communication and computer skills will enhance your ability to launch your career.

Typical positions available after graduation include:

- Account Coordinator
- Customer Service Specialist
- Help Desk Specialist
- Account Representative

Estimated Program Cost: $4,658 - Tuition and fees.

*Combination of Online, Your Choice, and On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10103106	MS PowerPoint	1 cr.
10103125	MS Outlook	1 cr.
10103146	MS Word A	1 cr.
10103151	MS Excel A	1 cr.
10103152	MS Excel B	1 cr.
10103162	MS Access A	1 cr.
10104102	Marketing Principles	3 cr.
10104191	Customer Service Management	3 cr.
10105100	Introduction to Business	3 cr.
10114107	Principles of Finance	3 cr.
10196188	Project Management	3 cr.
	Occupational Specific Total	21 cr.
Occupational Supportive Courses		
10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication	3 cr.
10804123	Math with Business Applications	3 cr.
	Occupational Supportive Total	9 cr.
	TOTAL PROGRAM REQUIREMENTS	30 cr.

Business Management
Associate Degree - 2 years (financial aid eligible)

In the Business Management program, you will develop skills for employment in a variety of business settings or prepare to operate your own business. You will have the opportunity to specialize in general business or marketing.

After completing this program, graduates will be ready for their career in a variety of positions such as:

• Assistant Manager
• Management Trainee
• Department Manager
• Branch Manager
• Store Manager
• Operations Assistant
• Coordinator
• Owner/Entrepreneur
• Customer Service
• Sales
• Agent
• Client Services

Estimated Program Cost: (ME)$9,493-(GE)$9,493 - Tuition and fees.

Employed full-time in related field: 82%

Average Monthly Salary: $3,926

*Combination of Online, Your Choice, and On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10101101	Financial Accounting 1	4 cr.
10103125	MS Outlook	1 cr.
10103146	MS Word A	1 cr.
10103151	MS Excel A	1 cr.
10104102	Marketing Principles	3 cr.
10104180	Business & Marketing Field Study	2 cr.
10105100	Introduction to Business	3 cr.
10105125	Business Law	3 cr.
10114107	Principles of Finance	3 cr.
10104191	Customer Service Management	3 cr.
10196191	Supervision	3 cr.
	Technical Studies Total	27 cr.
General Studies Courses		
10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication	3 cr.
10804123	Math with Business Applications	3 cr.
10809195	Economics	3 cr.
10809198	Introduction to Psychology	3 cr.
	General Studies Total	15 cr.

Select one emphasis area:

Business Management General Emphasis

10101174	QuickBooks Accounting - Beginning	2 cr.
10103106	MS PowerPoint	1 cr.
10103152	MS Excel B	1 cr.
10103162	MS Access A)	1 cr.
10116100	Human Resource Management **or**	3 cr.
10104198	Managing Human Resources	
10145101	Entrepreneurship	3 cr.
10196157	Strategic Planning	1 cr.
10196188	Project Management	3 cr.
	General Emphasis Total	15 cr.

Business Management Marketing Emphasis

10104104	Selling Principles	3 cr.
10104110	Technological Applications in Marketing	3 cr.
10104189	Social Media Marketing	3 cr.
10104125	Multi-Media Marketing	3 cr.
10104148	Sales Management	3 cr.
	Marketing Emphasis Total	15 cr.

ELECTIVES		3 cr.
TOTAL PROGRAM REQUIREMENTS		**60 cr.**

Business Management and Administration • Finance
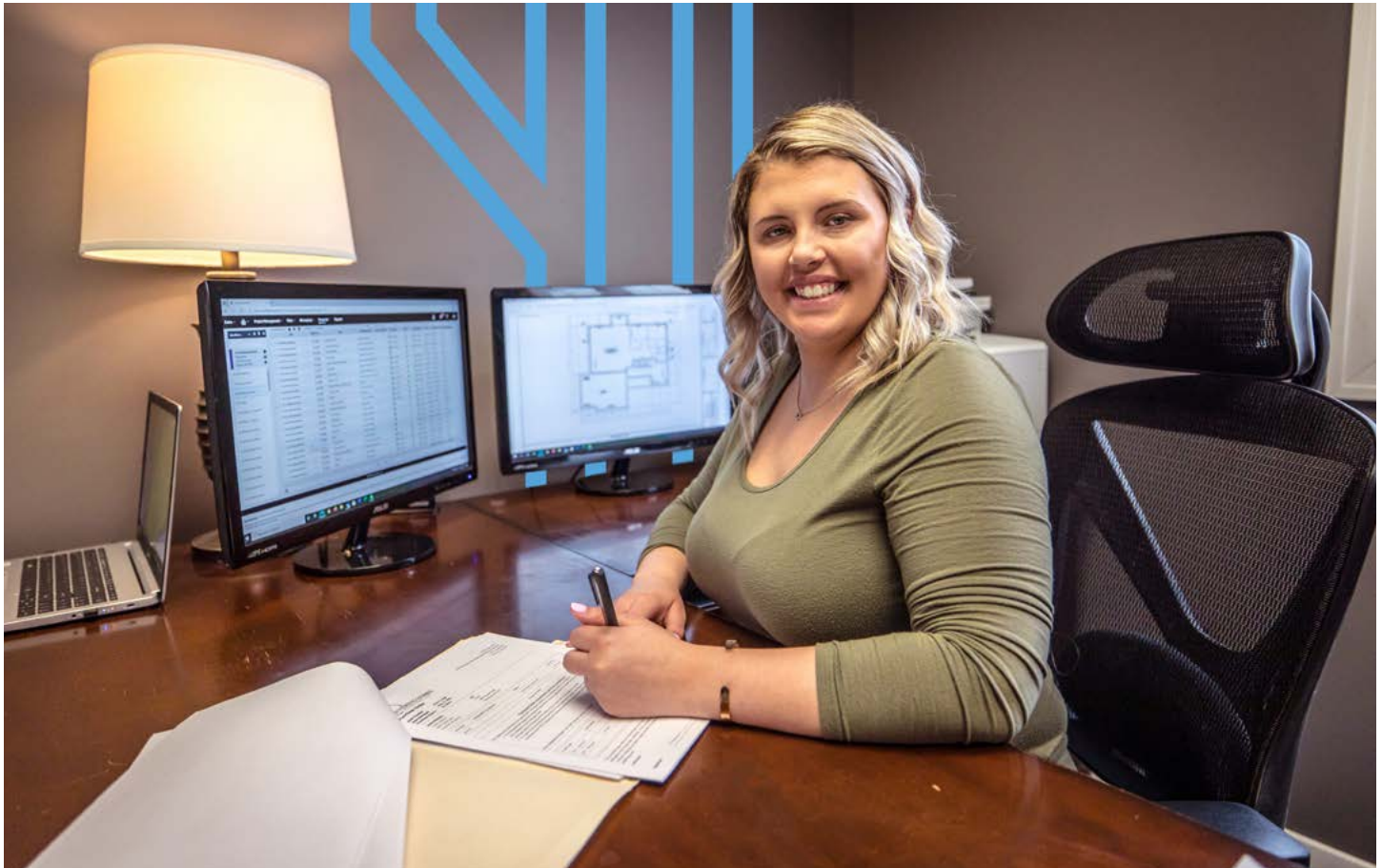
Medical Administrative Professional Pathway

You could take this first and get a credential.

Healthcare Receptionist

Technical Diploma

15 Credits / One Semester Full Time; Part Time Options Available

Potential Careers

Patient Services Representative, Medical Scheduler, Medical Information Clerk, Appointment Coordinator, Patient Access Representative

▼

Continue your education to obtain a technical diploma.

Health Office Professional

Technical Diploma

30 Credits / One year Full Time; Part Time Options Available

Potential Careers

Medical Office Specialist, Patient Services Representative, Hospital Admissions Representative, Customer Service Representative, Medical Scheduler, Health Information Clerk

Medical Billing Specialist

Technical Diploma

26 Credits / 3 Semesters Part Time

Potential Careers

Hospital Medical Biller, Physician's Office Medical Biller, Laboratory Medical Biller, Patient Account Representative, Revenue Cycle Representative

▼

Continue your education to obtain an associate degree.

Medical Administrative Professional

Associate Degree

60 Credits / Two Years Full Time; Part Time Options Available

Potential Careers

Medical Administrative Assistant, Medical Records Specialist, Patient Services Representative, Medical Scheduler, Hospital Admissions Representative, Medical Billing Specialist, Patient Account Representative, Clinic Coder, Health Unit Coordinator (HUC), Health Information Clerk

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout

UW-Whitewater

Bellevue University

Concordia University Wisconsin

Franklin University+

Lakeland University+

Milwaukee School of Engineering (MSOE)

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree to Bachelor Degree Articulation Agreement with Northwood Tech

- + This college has developed transfer guides directly related to Medical Administrative Professional

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process

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Medical Administrative Professional
Associate Degree - 2 years (financial aid eligible)

Campuses: Ashland*, New Richmond*, Rice Lake*, Superior* and Online

This program will prepare you to complete business-related tasks including scheduling appointments, registering patients, answering phones, medical billing and completing insurance claims, preparing business correspondence, and maintaining medical records.

Typical career options after graduation include:

• Medical Administrative Assistant
• Patient Services Specialist
• Medical Scheduler
• Hospital Admissions Representative
• Medical Records Specialist
• Medical Billing Specialist
• Patient Account Representative
• Clinic Coder
• Health Unit Coordinator (HUC)
• Health Information Clerk

Estimated Program Cost: $ 9,558 - Tuition and fees.

Employed full-time in related field: 50%

Average Monthly Salary: $3,396**

*Combination of Online, Your Choice or On Site instruction.

**Average monthly salaries were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates.

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10101176	Financial Accounting 1A	2 cr.
10103125	MS Outlook	1 cr.
10103146	MS Word A	1 cr.
10103147	MS Word B	1 cr.
10103151	MS Excel A	1 cr.
10103152	MS Excel B	1 cr.
10105160	Medical Externship	1 cr.
10106110	Document Formatting	2 cr.
10160134	Medical Insurance Claims	4 cr.
10160135	Introduction to Healthcare Documentation	3 cr.
10160140	Medical Office Administration	3 cr.
10160142	Patient Billing and Reimbursement	3 cr.
10160143	Medical Office Procedures and Customer Service	2 cr.
10160145	Medical Administrative Practice	4 cr.
10106146	Proofreading for the Office	3 cr.
10196138	Conflict Resolution and Confrontation Skills	1 cr.
10501101	Medical Terminology	3 cr.
10510135	Anatomy, Physiology, and Disease Concepts	2 cr.
10890116	Job Quest	1 cr.
Technical Studies Total		39 cr.
General Studies Courses		
10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication	3 cr.
10801197	Technical Reporting	3 cr.
10804123	Math with Business Applications	3 cr.
10809196	Introduction to Sociology **or**	
10809172	Introduction to Diversity Studies	3 cr.
10809198	Introduction to Psychology	3 cr.
General Studies Total		18 cr.
ELECTIVES		3 cr.
PROGRAM REQUIREMENTS		**60 cr.**

Healthcare Receptionist
Technical Diploma - less than 1 year

The Healthcare Receptionist short-term diploma prepares students to perform a variety of office support functions within a health care organization. This embedded technical diploma fully ladders into the Health Office Professional technical diploma and the Medical Administrative Professional associate degree.

Positions available for Healthcare Receptionist graduates include:

- Patient Services Representative
- Medical Scheduler
- Medical Information Clerk
- Appointment Coordinator
- Patient Access Representative

Estimated Program Cost: $2,333 - Tuition and fees.

Employed full-time in related field: 67%

Average Monthly Salary: $3,265**

*Combination of Online, Your Choice or On Site instruction.

**Average monthly salaries were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10103125	MS Outlook	1 cr.
10103146	MS Word A	1 cr.
10106110	Document Formatting	2 cr.
10160143	Medical Office Procedures and Customer Service	2 cr.
10106146	Proofreading for the Office	3 cr.
10501101	Medical Terminology	3 cr.
	Occupational Specific Total	12 cr.
Occupational Supportive Courses		
10801196	Oral/Interpersonal Communication	3 cr.
	Occupational Supportive Total	3 cr.
	TOTAL PROGRAM REQUIREMENTS	**15 cr.**

Health Office Professional
Technical Diploma - 1 year (financial aid eligible)

This technical diploma combines medical office skills with computer skills to prepare graduates of the program for employment on the administrative side of healthcare working in physician's offices, clinics, hospitals, nursing homes, and other health organizations.

Health office professional is a fast-growing area of the healthcare industry. Typical positions available after graduation include:

- Medical Office Specialist
- Medical Secretary
- Medical Receptionist
- Hospital Admissions Representative
- Customer Service Representative
- Medical Scheduler
- Health Information Clerk

Estimated Program Cost: $4,663 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $2,903

*Combination of Online, Your Choice or On Site instruction

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10103125	MS Outlook	1 cr.
10103146	MS Word A	1 cr.
10103147	MS Word B	1 cr.
10103151	MS Excel A	1 cr.
10106110	Document Formatting	2 cr.
10160135	Introduction to Healthcare Documentation	3 cr.
10160140	Medical Office Administration	3 cr.
10160143	Medical Office Procedures and Customer Service	2 cr.
10106146	Proofreading for the Office	3 cr.
10196138	Conflict Resolution and Confrontation Skills	1 cr.
10501101	Medical Terminology	3 cr.
	Occupational Specific Total	21 cr.

Number	Course Title	Credits
Occupational Supportive Courses		
10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication	3 cr.
10804123	Math with Business Applications	3 cr.
	Occupational Supportive Total	9 cr.
	PROGRAM REQUIREMENTS	**30 cr.**

Medical Billing Specialist
Technical Diploma - 1 year (financial aid eligible)

The Medical Billing Specialist technical diploma prepares students to perform billing functions in a clinic, hospital or specialty practice. This embedded technical diploma involves coursework on the patient-to-payment billing cycle in the medical facility.

Positions available for Medical Billing Specialist graduates include:

- Hospital Medical Biller
- Physician's Office Medical Biller
- Laboratory Medical Biller
- Patient Account Representative
- Revenue Cycle Representative

Estimated Program Cost: $4,135 - Tuition and fees.

*Combination of Online, Your Choice, or On Site instruction.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10103151	MS Excel A	1 cr.
10103152	MS Excel B	1 cr.
10106110	Document Formatting	2 cr.
10160134	Medical Insurance Claims	4 cr.
10160140	Medical Office Administration	3 cr.
10160142	Patient Billing and Reimbursement	3 cr.
10160143	Medical Office Procedures and Customer Service	2 cr.
10160145	Medical Administrative Practice	4 cr.
10501101	Medical Terminology	3 cr.
	Occupational Specific Total	23 cr.
Occupational Supportive Courses		
10804123	Math with Business Applications	3 cr.
	Occupational Supportive Total	3 cr.
	PROGRAM REQUIREMENTS	**26 cr.**

Business Management and Administration • Finance

Human Resource Management Pathway

You could take this first and get a credential.

Human Resources and Payroll Generalist

Technical Diploma

27 Credits / 2 Years Part Time

Potential Careers

Human Resources Administrative Assistant, Human Resources Associate, Human Resources Coordinator, Human Resources Generalist, Human Resources Technician, Human Resources Assistant, Payroll Assistant, Payroll Coordinator, Payroll Specialist

▼

Continue your education to obtain an associate degree.

Human Resource Management

Associate Degree

61 Credits / 2 Years Full Time; Part Time Options Available

Potential Careers

Compensation and Benefits Specialist, Employment Specialist, Human Resources Coordinator, Human Resources Specialist, Recruitment Specialist, Training and Development Specialist, Payroll Analyst, Human Resources Generalist, Human Resources Assistant

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout

UW-Whitewater

Bellevue University

Concordia University Wisconsin

Franklin University

Lakeland University+

Milwaukee School of Engineering (MSOE)

Northland College+

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree Articulation Agreement with Northwood Tech

- + These colleges have developed an agreement directly related to the Human Resource Management field

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Human Resource Management
Associate Degree - 2 years (financial aid eligible)

The Human Resource Management program prepares students to assist organizations in effectively recruiting, developing, training, managing and compensating their employees.

Positions available to students after graduation may include:

- Compensation and Benefits Specialist
- Employment Specialist
- Human Resources Coordinator
- Human Resources Specialist
- Recruitment Specialist
- Training and Development Specialist
- Payroll Analyst
- Human Resources Generalist
- Human Resources Assistant

Estimated Program Cost: $9,695 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $4,378**

*Combination of Online, Your Choice or On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

**Average monthly salaries were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10101176	Financial Accounting 1A	2 cr.
10103106	MS PowerPoint	1 cr.
10103146	MS Word A	1 cr.
10103151	MS Excel A	1 cr.
10103152	MS Excel B	1 cr.
10106199	Business Technology and Success	1 cr.
10116100	Human Resource Management	3 cr.
10116101	Introduction to Payroll and HRIS	3 cr.
10116102	Employment Law	3 cr.
10116103	Compensation Management	3 cr.
10116104	Recruitment and Selection	3 cr.
10116105	Employee Relations and Labor Law	2 cr.
10116106	Onboarding and Training	3 cr.
10116107	Benefit Administration	3 cr.
10116108	Human Resource Capstone	3 cr.
10196108	Customer Service	1 cr.
10196136	Safety in the Workplace	3 cr.
10196138	Conflict Resolution and Confrontation Skills	1 cr.
10196145	Contemporary Business for Supervisors	2 cr.
10196199	Ethics in Business	3 cr.
Technical Studies Total		43 cr.

Number	Course Title	Credits
General Studies Courses		
10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication **or**	
10801198	Speech	3 cr.
10804123	Math with Business Applications	3 cr.
10809195	Economics	3 cr.
10809196	Introduction to Sociology	3 cr.
10809188	Developmental Psychology **or**	
10809198	Introduction to Psychology	3 cr.
General Studies Total		18 cr.
TOTAL PROGRAM REQUIREMENTS		**61 cr.**

Human Resource and Payroll Generalist
Technical Diploma - 1 year (financial aid eligible)

As a Human Resources and Payroll Generalist, you apply the skills and tools necessary to effectively value and apply employees' abilities and needs in support of organizational goals.

Positions available to students after graduation may include:

- Human Resources Administrative Assistant
- Human Resources Associate
- Human Resources Coordinator
- Human Resources Generalist
- Human Resources Technician
- Human Resources Assistant
- Payroll Assistant
- Payroll Coordinator
- Payroll Specialist

Estimated Program Cost: $4,225 - Tuition and fees.

Average Monthly Salary: $5,569**

*Combination of Online, Your Choice or On Site instruction. Select courses are available online at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

**Average monthly salaries were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10103151	MS Excel A	1 cr.
10103152	MS Excel B	1 cr.
10116100	Human Resource Management	3 cr.
10116101	Introduction to Payroll and HRIS	3 cr.
10116103	Compensation Management	3 cr.
10116104	Recruitment and Selection	3 cr.
10116105	Employee Relations and Labor Law	2 cr.
10116106	Onboarding and Training	3 cr.
10116107	Benefit Administration	3 cr.
10196108	Customer Service	1 cr.
10196138	Conflict Resolution and Confrontation Skills	1 cr.
Occupational Specific Total		24 cr.
Occupational Supportive Courses		
10804123	Math with Business Applications)	3 cr.
Occupational Supportive Total		3 cr.
TOTAL PROGRAM REQUIREMENTS		**27 cr.**

Leadership Development Pathway

You could take this first and get a credential.

Leadership Essentials

Technical Diploma

12 Credits / Less than 1 Year

Potential Careers

Office Coordinator, Office Supervisor, Customer Service Specialist, Group Coordinator, Manufacturing Lead

Supervisory Leadership

Technical Diploma

18 Credits / Less than 1 Year

▼

▼

Continue your education to obtain an associate degree.

Leadership Development

Associate Degree

60 Credits / 2 Years Full Time; Part Time Options Available

Potential Careers

Supervisor, Coach, Manager, Team Leader, Group Leader, Department Head, Mentor

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout

UW-Whitewater

UM-Crookston+

Bellevue University

Concordia University Wisconsin

Franklin University

Lakeland University+

Milwaukee School of Engineering (MSOE)

Northland College+

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree to Bachelor Degree Articulation Agreement with Northwood Tech

- +These colleges have developed an agreement / transfer guide directly related to the Leadership Development program

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Leadership Development
Associate Degree - 2 years (financial aid eligible)

Leadership Development is designed for people who aspire or plan to be managers, leaders or supervisors in the business and professional world. The program provides you with the skills to deal with the everyday management processes of developing employees into high performing, cross-functional and interactive work teams.

Typical positions available after graduation include:

- Supervisor
- Manager
- Team Leader
- Group Leader
- Department Head
- Coach
- Mentor

Estimated Program Cost: $9,536 - Tuition and fees.

Employed full-time in related field: 50%**

Average Monthly Salary: $4,746**

*Combination of Online, Your Choice or On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

**As much as possible, data for only Northwood Tech graduates is reported. However, average monthly salaries of programs that have less than five graduates at Northwood Tech, or less than five responding graduates from Northwood Tech, are reported using aggregated statewide data. The total average monthly salary for each division and the College includes salaries reported only by Northwood Tech graduates. Source: 2019-2020 Graduate Follow-Up Survey

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10101176	Financial Accounting 1A	2 cr.
10103106	MS PowerPoint	1 cr.
10103146	MS Word A	1 cr.
10103151	MS Excel A	1 cr.
10106199	Business Technology and Success	1 cr.
10116100	Human Resource Management	3 cr.
10196108	Customer Service	1 cr.
10196134	Legal Issues for Supervisors	3 cr.
10196136	Safety in the Workplace	3 cr.
10196138	Conflict Resolution and Confrontation Skills	1 cr.
10196145	Contemporary Business for Supervisors	2 cr.
10196164	Personal Skills for Supervisors	3 cr.
10196168	Organizational Development	3 cr.
10196170	Applied Supervision	2 cr.
10196188	Project Management	3 cr.
10196189	Team Building and Problem Solving	3 cr.
10196190	Leadership Development	3 cr.
10196191	Supervision	3 cr.
10196192	Managing for Quality	3 cr.
Technical Studies Total		**42 cr.**

Number	General Studies Courses	Credits
10801136	English Composition 1	3 cr.
10801198	Speech **or**	
10801196	Oral/Interpersonal Communication	3 cr.
10804123	Math with Business Applications	3 cr.
10809195	Economics	3 cr.
10809122	Introduction to American Government **or**	
10809196	Introduction to Sociology	3 cr.
10809188	Developmental Psychology **or**	
10809198	Introduction to Psychology	3 cr.
General Studies Total		18 cr.

TOTAL PROGRAM REQUIREMENTS   60 cr.

Leadership Essentials
Technical Diploma - less than 1 year

A series of courses to assist you in developing the skills of current and future supervisors to lead today's workforce. Leadership Essentials focuses on leading people within an organization toward strategic goals, through corporate changes, or in directing processes and procedures.

Typical positions available after graduation include:

- Office Coordinator
- Office Supervisor
- Customer Service Specialist
- Group Coordinator
- Team Lead

Estimated Program Cost: $1,857 - Tuition and fees.

*Combination of Online, Your Choice or On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

Curriculum

Number	Course Title	Credits
10196164	Personal Skills for Supervisors	3 cr.
10196189	Team Building and Problem Solving	3 cr.
10196190	Leadership Development	3 cr.
10196191	Supervision	3 cr.
PROGRAM REQUIREMENTS		**12 cr.**

Business Management and Administration • Finance

Nonprofit Leadership Pathway

You could take this first and get a credential.

Nonprofit Essentials

Pathway Certificate

15 Credits / Less than 1 Year

Potential Careers

Fundraising Coordinator, Development Coordinator, Youth Worker, Youth Specialist

Supervisory Leadership

Technical Certificate

18 Credits / Less than 1 Year

Supervisory Leadership ladders into the Nonprofit Leadership program

Leadership Essentials

Technical Diploma

12 Credits / Less than 1 Year

Potential Careers

Office Coordinator, Office Supervisor, Customer Service Specialist, Group Coordinator, Manufacturing Lead

Continue your education to obtain this technical diploma.

Nonprofit Professional

Technical Diploma

30 Credits / 1 Year

Potential Careers

Fundraising Coordinator, Relationship Manager, Marketing Communications Associate, Program Manager

Continue your education to obtain an associate degree.

Nonprofit Leadership

Associate Degree

60 Credits | 2 Years Full-Time; Part Time Options Available

Potential Careers

Program Coordinator, Marketing and Communications Coordinator, Volunteer Coordinator, Director of Programs

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout

UW-Whitewater

Bellevue University

Concordia University Wisconsin

Franklin University

Lakeland University+

Milwaukee School of Engineering (MSOE)

Northland College+

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree to Bachelor Degree Articulation Agreement with Northwood Tech

- + These colleges have developed an agreement/transfer guide directly related to Nonprofit Leadership

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process

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Nonprofit Essentials
Pathway Certificate - less than 1 year

As a student in the Nonprofit Essentials career pathway program, you will explore the role of nonprofit organizations, develop volunteer and Board relationships, and coordinate grant and fundraising strategies.

Typical positions available after graduation include:

• Fundraising Coordinator
• Development Coordinator
• Youth Worker
• Youth Specialist

Estimated Program Cost: $2,485 - Tuition and fees.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10104189	Social Media Marketing	3 cr.
10196123	Grant Writing and Management	2 cr.
10196127	Fundraising and Event Planning	3 cr.
10196131	Fundamentals of Nonprofit Management	3 cr.
10196149	Dynamics of Board Relations	1 cr.
10196158	Managing Volunteers	2 cr.
10196159	Nonprofit Field Experience	1 cr.
	TOTAL CERTIFICATE REQUIREMENTS	**15 cr.**

Nonprofit Leadership
Associate Degree - 2 years (financial aid eligible)

As a student, you will explore the role of nonprofit organizations, developing volunteer and board relationships, coordinating grant and fundraising strategies, and managing fiscal resources. Graduates of this program could seek employment with government social services, YMCAs, assisted living centers, hospice, home care agencies, clinics, hospitals, Headstart and other childcare programs, domestic abuse and homeless shelters, and police, fire and EMS volunteer programs.

Typical positions available after graduation include:

- Program Coordinator
- Marketing and Communications Coordinator
- Volunteer Coordinator
- Director of Programs

Estimated Program Cost: $ 9,705 - Tuition and fees.

*Combination of Online, Your Choice or On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10101138	Budgeting and Cost Control	2 cr.
10101176	Financial Accounting 1A	2 cr.
10104189	Social Media Marketing	3 cr.
10116100	Human Resource Management **or**	
10104198	Managing Human Resources	3 cr.
10116104	Recruitment and Selection	3 cr.
10196123	Grant Writing and Management	2 cr.
10196127	Fundraising and Event Planning	3 cr.
10196131	Fundamentals of Nonprofit Management	3 cr.
10196138	Conflict Resolution and Confrontation Skills	1 cr.
10196149	Dynamics of Board Relations	1 cr.
10196157	Strategic Planning	1 cr.
10196158	Managing Volunteers	2 cr.
10196159	Nonprofit Field Experience	1 cr.
10196164	Personal Skills for Supervisors	3 cr.
10196189	Team Building and Problem Solving	3 cr.
10196190	Leadership Development	3 cr.
10196191	Supervision	3 cr.
10520103	Ethics in Human Services	3 cr.
Technical Studies Total		42 cr.

Number	Course Title	Credits
General Studies Courses		
10801136	English Composition 1	3 cr.
10801198	Speech	3 cr.
10804123	Math with Business Applications **or**	
10804107	College Mathematics **or**	
10804189	Introductory Statistics **or**	
10806112	Principles of Sustainability **or**	
10806177	General Anatomy and Physiology **or**	
10806198	Human Biology	3-4 cr.
10809172	Introduction to Diversity Studies	3 cr.
10809198	Introduction to Psychology	3 cr.
General Studies Total		15-16 cr.
ELECTIVES		3 cr.
TOTAL PROGRAM REQUIREMENTS		**60 cr.**

Nonprofit Professional
Technical Diploma - 1 year (financial aid eligible)

As a student in the Nonprofit Professional embedded technical diploma program, you will explore the role of nonprofit organizations, develop volunteer and board relationships, explore grant and fundraising strategies, learn how to manage and control budgets, and communicate effectively.

Typical positions available after graduation include:

- Fundraising Coordinator
- Relationship Manager
- Marketing Communications Associate
- Program Manager

Estimated Program Cost: $ 4,660 - Tuition and fees.

Nonprofit Professional is a new Northwood Tech program. No graduate follow-up information is currently available.

*Combination of Online, Your Choice or On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10101138	Budgeting and Cost Control	2 cr.
10101176	Financial Accounting 1A	2 cr.
10104189	Social Media Marketing	3 cr.
10196123	Grant Writing and Management	2 cr.
10196127	Fundraising and Event Planning	3 cr.
10196131	Fundamentals of Nonprofit Management	3 cr.
10196138	Conflict Resolution and Confrontation Skills	1 cr.
10196149	Dynamics of Board Relations	1 cr.
10196157	Strategic Planning	1 cr.
10196158	Managing Volunteers	2 cr.
10196159	Nonprofit Field Experience	1 cr.
10520103	Ethics in Human Services	3 cr.
Occupational Specific Total		24 cr.
Occupational Supportive Courses		
10801136	English Composition 1	3 cr.
10801198	Speech	3 cr.
Occupational Supportive Total		6 cr.
TOTAL PROGRAM REQUIREMENTS		**30 cr.**

Business Management and Administration • Finance

Accounting Pathway

You could take this first and get a credential.

Billing and Posting Clerk

Technical Diploma

13 Credits / Less than 1 year

Potential Careers

Payroll Assistant, Payroll Clerk, Accounts Payable Clerk, Accounts Receivable Clerk, Bookkeeper, Accounting Technician

Tax Preparer Assistant

Pathway Certificate

10 Credits / 1 Year Part Time

Potential Careers

Tax Accounting Clerk, Tax Associate, Tax Preparer Assistant

Continue your education to obtain this technical diploma.

Accounting Assistant

Technical Diploma

30 Credits

Potential Careers

Accounting Clerk, Accounts Receivable Clerk, Accounts Payable Clerk, Payroll Clerk

Continue your education to obtain an associate degree.

Accounting

Associate Degree

60 credits

Potential Careers

Accountant, Bookkeeper, Accounts Receivable Specialist, Accounts Payable Specialist, Payroll Specialist, Cost Accounting Specialist, Tax Accounting Specialist

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout

UW-Superior+

UW-Whitewater

UM-Crookston+

Bellevue University

Concordia University Wisconsin

Franklin University+

Lakeland University+

Milwaukee School of Engineering (MSOE)

Northland College+

Professional Certification
Students are also able to pursue professional certifications

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree to Bachelor Degree Articulation Agreement with Northwood Tech

- + These colleges have developed an agreement / transfer guide directly related to Accounting

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Accounting
Associate Degree - 2 years (financial aid eligible)

This Accounting program is a two-year associate degree that will prepare students to assemble, analyze, interpret, and forecast essential information about the operation of an organization.

Typical positions available to students after graduation include:

- Accountant
- Bookkeeper
- Accounts Receivable Specialist
- Accounts Payable Specialist
- Payroll Specialist
- Cost Accounting Specialist
- Tax Accounting Specialist

Some graduates also continue their education in the field of Accounting at a four-year institution.

Estimated Program Cost: $9,510 - Tuition and fees.

Employed full-time in related field: 69%

Average Monthly Salary: $3,305

*Combination of Online, Your Choice or On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

Curriculum

Number	Course Title	Credits
10101101	Financial Accounting 1	4 cr.
10101103	Financial Accounting 2	4 cr.
10101105	Intermediate Accounting 1	4 cr.
10101107	Intermediate Accounting 2	4 cr.
10101121	Cost and Managerial Accounting	4 cr.
10101123	Income Tax Accounting	4 cr.
10101124	Payroll Systems and Accounting	3 cr.
10101131	Accounting Capstone	3 cr.
10101174	QuickBooks Accounting - Beginning	2 cr.
10101179	Advanced Excel for Accounting	2 cr.
10103146	MS Word A	1 cr.
10103151	MS Excel A	1 cr.
10103152	MS Excel B	1 cr.
10103162	MS Access A	1 cr.
10105125	Business Law	3 cr.
10890116	Job Quest	1 cr.
Technical Studies Total		42 cr.

General Studies Courses

Number	Course Title	Credits
10801136	English Composition 1	3 cr.
10801198	Speech **or**	
10801196	Oral/Interpersonal Communication	3 cr.
10804123	Math with Business Applications	3 cr.
10809195	Economics	3 cr.
10809188	Developmental Psychology **or**	
10809198	Introduction to Psychology	3 cr.
General Studies Total		15 cr.

ELECTIVES 3 cr.

TOTAL PROGRAM REQUIREMENTS **60 cr.**

Accounting Assistant
Technical Diploma - 1 year (financial aid eligible)

Accounting assistants maintain accounting records such as receivables, payables, purchasing, billing (sales), inventory, and payroll.

Positions available to students after graduation include:

- Accounting Clerk
- Accounts Receivable Clerk
- Accounts Payable Clerk
- Payroll Clerk

The Accounting Assistant program is the first year of the two-year Accounting associate degree program.

Estimated Program Cost: $4,655 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $3,705**

*Combination of Online, Your Choice or On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

**Average monthly salaries were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10101101	Financial Accounting 1	4 cr.
10101103	Financial Accounting 2	4 cr.
10101124	Payroll Systems and Accounting	3 cr.
10101174	QuickBooks Accounting - Beginning	2 cr.
10103146	MS Word A	1 cr.
10103151	MS Excel A	1 cr.
10103152	MS Excel B	1 cr.
10103162	MS Access A	1 cr.
10804123	Math with Business Applications	3 cr.
10890116	Job Quest	1 cr.
Occupational Specific Total		21 cr.

Occupational Supportive Courses

Number	Course Title	Credits
10801136	English Composition 1	3 cr.
10801198	Speech **or**	
10801196	Oral/Interpersonal Communication	3 cr.
10809188	Developmental Psychology **or**	
10809198	Introduction to Psychology	3 cr.
Occupational Supportive Total		9 cr.

TOTAL PROGRAM REQUIREMENTS **30 cr.**

Billing and Posting Clerk
Technical Diploma - less than 1 year

Upon completion of this program students will be able to use accounting and office software, perform a variety of tasks including basic accounting data entry, and assist in processing payroll.

Positions available to students after graduation may include:

- Payroll Assistant
- Payroll Clerk
- Accounts Payable Clerk
- Accounts Receivable Clerk
- Bookkeeper
- Accounting Technician

Estimated Program Cost: $2,027 - Tuition and fees.

Employed full-time in related field: 67%

Average Monthly Salary: $3,144**

*Combination of Online, Your Choice or On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

**Average monthly salaries were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10101101	Financial Accounting 1	4 cr.
10101124	Payroll Systems and Accounting	3 cr.
10101174	QuickBooks Accounting - Beginning	2 cr.
10103146	MS Word A	1 cr.
10103151	MS Excel A	1 cr.
10103152	MS Excel B	1 cr.
10103162	MS Access A	1 cr.
Technical Studies Total		13 cr.

TOTAL PROGRAM REQUIREMENTS **13 cr.**

Business Management and Administration • Finance

33

Financial Services Pathway

You could take this first and get a credential.

Financial Services Customer Representative

Technical Diploma

14 Credits / 1 Semester Full Time; Part Time Options Available

Potential Careers

Bank Teller, Customer Service Associate, Member Services Representative, Cashier, Sales Associate, Loan Analyst, Loan Processor

Continue your education to obtain an associate degree.

Financial Services

Associate Degree

60 Credits / 2 Years Full Time; Part Time Options Available

Potential Careers

Business Manager or Owner, Loan Officer or Personal Banker, Sales or Sales Manager, Financial Analyst, Investment Advisor, Insurance Sales or Broker, Real Estate Sales or Broker, Stockbroker, Accountant/Bookkeeper

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Superior+

UW-Stout

UW-Whitewater

Bellevue University

Concordia University Wisconsin

Franklin University

Lakeland University+

Milwaukee School of Engineering (MSOE)

Northland College+

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree Articulation Agreement with Northwood Tech

- + These colleges have developed an agreement directly related to the Financial Services field

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Financial Services
Associate Degree - 2 years (financial aid eligible)

The Financial Services program will prepare the student to manage their personal finances as well as business finances. Imagine helping others get out of debt, save for retirement or increase profits and net worth for your business.

Employers will be looking for Financial Services graduates with strong computer, technical, and communication skills. Some typical positions available after graduation are:

- Business Manager or Owner
- Customer Service Representative
- Loan Officer or Personal Banker
- Sales or Sales Manager
- Financial Analyst
- Investment Advisor
- Insurance Sales or Broker
- Real Estate Sales or Broker
- Stockbroker
- Accountant/Bookkeeper
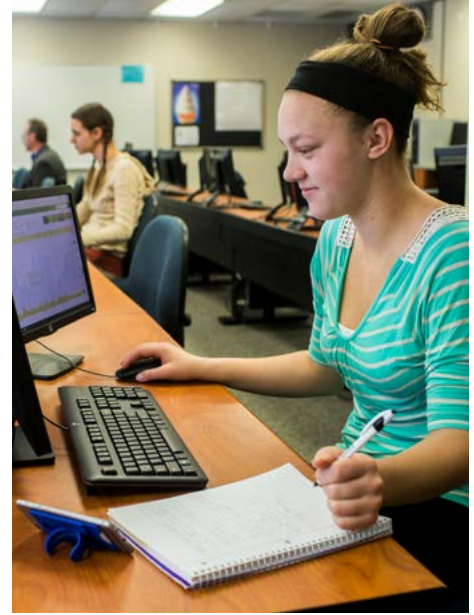
Estimated Program Cost: $9,521 - Tuition and fees.

Average Monthly Salary: $3,343**

*Combination of Online, Your Choice, and On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

**Average monthly salaries were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10101101	Financial Accounting 1	4 cr.
10101103	Financial Accounting 2	4 cr.
10101138	Budgeting and Cost Control	2 cr.
10103106	MS PowerPoint	1 cr.
10103146	MS Word A	1 cr.
10103151	MS Excel A	1 cr.
10103152	MS Excel B	1 cr.
10104102	Marketing Principles	3 cr.
10104104	Selling Principles	3 cr.
10105125	Business Law	3 cr.
10114103	Money and Banking	3 cr.
10114107	Principles of Finance	3 cr.
10114125	Personal Finance	3 cr.
10114150	Investments	3 cr.
10114192	Principles of Insurance	3 cr.
10196189	Team Building and Problem Solving	3 cr.
10196191	Supervision	3 cr.
10890116	Job Quest	1 cr.
Technical Studies Total		45 cr.
General Studies Courses		
10801136	English Composition 1	3 cr.
10801198	Speech **or**	
10801196	Oral/Interpersonal Communication	3 cr.
10804123	Math with Business Applications	3 cr.
10809195	Economics	3 cr.
10809198	Introduction to Psychology **or**	
10809188	Developmental Psychology	3 cr.
General Studies Total		15 cr.
PROGRAM REQUIREMENTS		**60 cr.**

Financial Services Customer Representative
Technical Diploma - less than 1 year

Students will learn the basic elements of financial money management. Topics studied will include credit cards, student loans, budgeting, saving, debt avoidance, debt reduction, negotiating deals, taxes, retirement, investing, buying a car, buying a house, planning or big purchases and insurance.

Positions available to students after graduation may include:

- Bank Teller
- Customer Service Associate
- Member Services Representative
- Cashier
- Sales Associate
- Loan Analyst
- Loan Processor

Estimated Program Cost: $2,290 - Tuition and fees.

*Combination of Online, Your Choice, and On Site instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10101101	Financial Accounting 1	4 cr.
10103106	MS PowerPoint	1 cr.
10103146	MS Word A	1 cr.
10103151	MS Excel A	1 cr.
10103152	MS Excel B	1 cr.
10114107	Principles of Finance	3 cr.
10114125	Personal Finance	3 cr.
PROGRAM REQUIREMENTS		**14 cr.**

Business Management and Administration • Finance
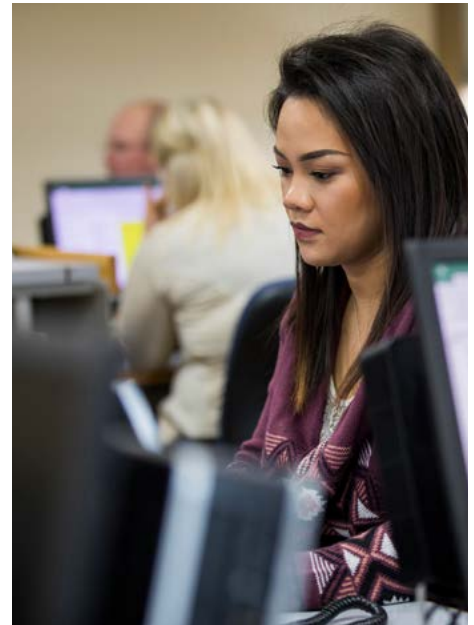
Early Childhood Education Pathway

You could take this first and get a credential.

Group Child Care Essentials

Pathway Certificate

6 Credits / 1 Semester Part Time

Potential Careers

Child Care Teacher, Assistant Child Care Teacher

▼

Preschool Education Professional (The Registry Preschool Credential)

Pathway Certificate

18 Credits / 2 Semesters Part Time

Potential Careers

Child Care Teacher, Assistant Child Care Teacher, Family Child Care Provider

▼

Continue your education to obtain this technical diploma.

E-Connect-Child Care Services

Technical Diploma

27 Credits / 1 Year / 2 Semesters Full Time; Part Time Option Available

Potential Careers

Child Care Teacher, Child Care Assistant Teacher, Family Child Care Provider, Infant or Toddler Caregiver, Au Pair/Nanny, Early Childhood Special Needs Assistant, Public School Teacher Aide/Assistant

▼

Continue your education to obtain an associate degree.

Early Childhood Education/E-CHiLD

Associate Degree

60 Credits / Associate Degree - 2 Year

Potential Careers

Child Care Teacher, Preschool Teacher, Family Child Care Provider, Infant or Toddler Caregiver, Early Childhood Special Needs Assistant, Public School Teacher Aide/Assistant, Head Start Teacher/Assistant, Program Director/ Administrator, Au Pair/Nanny

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Green Bay+ | UW-Oshkosh+ | UW-Milwaukee+ |UW-River Falls+ | UW-Stevens Point+ | UW-Stout+ | UW-Superior+ |UW-Whitewater+ | Bellevue University | Concordia University Wisconsin | Franklin University | Lakeland University+ | Milwaukee School of Engineering | Northland College+ | Viterbo University+

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree to Bachelor Degree Articulation Agreement with Northwood Tech

- + These colleges have developed an agreement directly related to the Early Childhood Education Program and/or similar programs such as Elementary Education and Human Development & Family Studies

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

-Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process

Education and Training

Early Childhood Education
Associate Degree - 2 years (financial aid eligible)

Early childhood educators work with young children during the pivotal years that build the foundation for future success.

The demand for early childhood professionals continues to increase as parents look for providers who can guide their child's development. Graduates of this program will be recognized as Wisconsin Registry Career Level 12.

The typical careers that are available after graduation include:

- Preschool Teacher
- Child Care Teacher
- Family Child Care Provider
- Infant or Toddler Caregiver
- Early Childhood Special Needs Assistant
- Public School Teacher Aide/Assistant
- Program Director/Administrator
- Head Start Assistant
- Au Pair/Nanny

Estimated Program Cost: $ 9,457 - Tuition and fees.

Employed full-time in related field: 67%

Average Monthly Salary: $2,406

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10307108	ECE: Early Language and Literacy	3 cr.
10307110	ECE: Social Studies, Art, & Music	3 cr.
10307112	ECE: STEM	3 cr.
10307148	ECE: Foundations of Early Childhood Education	3 cr.
10307151	ECE: Infant & Toddler Development	3 cr.
10307167	ECE: Health, Safety, & Nutrition	3 cr.
10307174	ECE: Introductory Practicum	3 cr.
10307175	ECE: Preschool Practicum	3 cr.
10307177	ECE: Intermediate Practicum	3 cr.
10307179	ECE: Child Development	3 cr.
10307187	ECE: Children with Differing Abilities	3 cr.
10307188	ECE: Guiding Children's Behavior	3 cr.
10307195	ECE: Family & Community Relationships	3 cr.
10307199	ECE: Advanced Practicum	3 cr.
Technical Studies Total		42 cr.

General Studies Courses

10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication **or**	
10801198	Speech	3 cr.
10809172	Introduction to Diversity Studies	3 cr.
10809198	Introduction to Psychology **or**	
10809188	Developmental Psychology	3 cr.
10804107	College Mathematics **or**	
10804123	Math with Business Applications **or**	
10804189	Introductory Statistics **or**	
10806112	Principles of Sustainability **or**	
10806198	Human Biology	3 cr.
General Studies Total		15 cr.
ELECTIVES		3 cr.
TOTAL PROGRAM REQUIREMENTS		**60 cr.**

E-CHiLD
Associate Degree - 2 years (financial aid eligible)

E-CHiLD is an innovative Early Childhood Education associate degree program that blends online learning with community-based student teaching. Students will engage in a variety of online teaching and learning experiences, including virtual "live" face-to-face classroom sessions one evening per week. Graduates of this program will be recognized as Wisconsin Registry Career Level 12.

The typical careers that are available after graduation include:

- Child Care Teacher
- Preschool Teacher
- Family Child Care Provider
- Infant or Toddler Caregiver
- Early Childhood Special Needs Assistant
- Public School Teacher Aide/Assistant
- Program Director/Administrator
- Head Start Assistant
- Au Pair/Nanny

Estimated Program Cost: $10,078 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $2,406

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10307108	ECE: Early Language and Literacy	3 cr.
10307110	ECE: Social Studies, Art, & Music	3 cr.
10307112	ECE: STEM	3 cr.
10307148	ECE: Foundations of Early Childhood Education	3 cr.
10307151	ECE: Infant & Toddler Development	3 cr.
10307167	ECE: Health, Safety, & Nutrition	3 cr.
10307174	ECE: Introductory Practicum	3 cr.
10307175	ECE: Preschool Practicum	3 cr.
10307177	ECE: Intermediate Practicum	3 cr.
10307179	ECE: Child Development	3 cr.
10307187	ECE: Children with Differing Abilities	3 cr.
10307188	ECE: Guiding Children's Behavior	3 cr.
10307195	ECE: Family & Community Relationships	3 cr.
10307199	ECE: Advanced Practicum	3 cr.
Technical Studies Total		42 cr.

General Studies Courses

10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication **or**	
10801198	Speech	3 cr.
10809172	Introduction to Diversity Studies	3 cr.
10809198	Introduction to Psychology **or**	
10809188	Developmental Psychology	3 cr.
10804107	College Mathematics or	
10804123	Math with Business Applications **or**	
10804189	Introductory Statistics **or**	
10806112	Principles of Sustainability **or**	
10806198	Human Biology	3 cr.
General Studies Total		15 cr.
ELECTIVES		3 cr.
TOTAL PROGRAM REQUIREMENTS		**60 cr.**

E-Connect - Child Care Services
Technical Diploma - 1 Year (financial aid eligible)

E-Connect - Child Care Services is an innovative one-year technical diploma that incorporates the first year of the Early Childhood Education associate degree with Preschool Education Professional (The Registry Preschool Credential) coursework. Graduates of this program will be recognized as Wisconsin Registry Career Level 11.

The demand for early childhood professionals continues to increase as parents look for providers who can guide their child's development. The typical careers that are available after graduation include:

- Child Care Teacher
- Child Care Assistant Teacher
- Family Child Care Provider
- Infant or Toddler Caregiver
- Au Pair/Nanny
- Early Childhood Special Needs Assistant
- Public School Teacher Aide/Assistant

Estimated Program Cost: $ 4,454 - Tuition and fees.

Employed full-time in related field: 60%

Average Monthly Salary: $ 2,586**

*On Site and/or Online + Community-Based Student Teaching

**Average monthly salaries were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10307108	ECE: Early Language and Literacy	3 cr.
10307110	ECE: Social Studies, Art, & Music	3 cr.
10307148	ECE: Foundations of Early Childhood Education	3 cr.
10307151	ECE: Infant & Toddler Development	3 cr.
10307167	ECE: Health, Safety, & Nutrition	3 cr.
10307174	ECE: Introductory Practicum*+	3 cr.
10307175	ECE: Preschool Practicum*#+	3 cr.
10307179	ECE: Child Development	3 cr.
10307188	ECE: Guiding Children's Behavior	3 cr.
TOTAL PROGRAM REQUIREMENTS		**27 cr.**

Dental Assistant
Technical Diploma - 1 year (financial aid eligible)
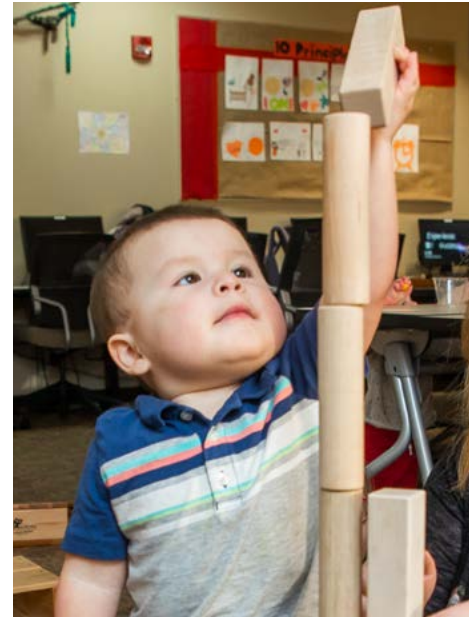
The Dental Assistant program prepares graduates to work with dentists as they examine and treat patients.

Graduates of the program will be qualified for a variety of positions including:

- Dental Assistant
- Dental Receptionist
- Dental Office Manager
- Dental Practice Manager
- Dental Lab Technician
- Dental Laboratory Assistant
- Dental Insurance Claims Processor
- Dental Sales Representative
- Dental Treatment Coordinator
- Dental Specialty Assistant
- Maxillofacial Dental Assistant
- Endodontic Dental Assistant
- Prosthodontic Dental Assistant
- Orthodontic Dental Assistant
- Pediatric Dental Assistant
- Periodontic Dental Assistant

Estimated Program Cost: $ 5,797 - Tuition and fees.

Employed full-time in related field: 83%

Average Monthly Salary: $3,310

The program in dental assisting is accredited by the Commission on Dental Accreditation [and has been granted the accreditation status of "approval without reporting requirements"]. The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at (312) 440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611. The Commission's Web address **https://coda.ada.org/en**.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10508101	Dental Health Safety	1 cr.
10508103	Dental Radiography	2 cr.
10508113	Dental Materials	2 cr.
10508120	Dental Office Management	2 cr.
10508304	Dental and General Anatomy	2 cr.
31508302	Dental Chairside	5 cr.
31508306	Dental Assistant Clinical	3 cr.
31508307	Dental Assistant Professionalism	1 cr.
31508308	Dental Chairside Advanced	5 cr.
31508309	Dental Laboratory Procedures	4 cr.
31508310	Dental Radiography - Advanced	1 cr.
31508311	Dental Assistant Clinical - Adv	2 cr.
Occupational Specific Total		30 cr.
Occupational Supportive Courses		
10801196	Oral/Interpersonal Communication	3 cr.
Occupational Supportive Total		3 cr.
TOTAL PROGRAM REQUIREMENTS		**33 cr.**

Health Sciences

Gerontology - Aging Services Professional Pathway

You could take this first and get a credential.

Dementia Care

Pathway Certificate

12 Credits / 1 Year Part Time

Potential Careers

Hospitals, Hospice, Home Health Care and Assisted Living, Long Term Care, Nursing Homes and Group Homes, Adult Care, Senior Centers, Community, Non-Profit and Government Agencies, Counseling Centers, Business and Industry

Gerontology for Healthcare Professionals

Pathway Certificate

12 Credits / 1 or 2 semesters / Fall Only

Potential Careers

Hospitals, Hospice, Home Health Care and Assisted Living, Long Term Care, Nursing Homes and Group Homes, Adult Care, Senior Centers, Community, Non-Profit and Government Agencies, Counseling Centers, Business and Industry

Continue your education to obtain an associate degree.

Gerontology - Aging Services Professional

Associate Degree

61 Credits / 2 Years Full Time; Part Time Options Available

Potential Careers

Aging Services Provider, Advocacy Specialist, Geriatric Care Specialist, Dementia Care Specialist/Provider, Benefits Coordinator, Client Navigation Specialist, Activity/Recreation Coordinator, Housing/Transportation Specialist, Program Planner

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Eau Claire+

UW-Stout+

UW-Whitewater

Bellevue University

Concordia University Wisconsin

Franklin University

Lakeland University+

Milwaukee School of Engineering (MSOE)

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree to Bachelor Degree Articulation Agreement with Northwood Tech

- + These colleges have developed an agreement / transfer guide directly related to the Gerontology - Aging Services Professional program

- To learn how your education, or previous college credits, will transfer, talk to transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

The Gerontology-Aging Services Professional program is designed to meet the emerging and rapidly growing demand for service providers needed to work with the aging population. Students will acquire comprehensive and inter-disciplinary training to prepare them to work with older adults in a variety of positions and in diverse settings such as; community, non-profit and government agencies, counseling centers, adult care, memory care, senior centers, home health care, assisted living, long-term care, nursing homes, group homes, hospitals, Hospice, and business and industry.

Potential Job Titles include:

- Aging Services Provider
- Advocacy Specialist
- Geriatric Care Specialist
- Dementia Care Specialist/Provider
- Benefits Coordinator
- Client Navigation Specialist
- Activity/Recreation Coordinator
- Housing/Transportation Specialist
- Program Planner
- Private Service Provider

Estimated Program Cost: $ 9,683 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $4,301**

*Combination of Online and Your Choice instruction. Select courses are available at the Northwood Tech Outreach Centers. Please contact your local campus for specifics.

**Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10520103	Ethics in Human Services	3 cr.
10520112	Family Systems	3 cr.
10544100	Communication of Aging	3 cr.
10544101	Social Gerontology	3 cr.
10544102	Psychological Aspects of Aging	3 cr.
10544104	Physical Aspects of Aging	3 cr.
10544105	Alzheimer's and Dementia	3 cr.
10544106	Healthy Aging	3 cr.
10544107	Death and Dying	3 cr.
10544108	Developing the Gerontology Professional	3 cr.
10544112	Gerontology Fieldwork	3 cr.
10544110	Programs of Aging Services	3 cr.
10544111	Legal and Financial Issues of Aging	3 cr.
Technical Studies Total		39 cr.
General Studies Courses		
10801136	English Composition 1	3 cr.
10801198	Speech **or**	
10801196	Oral/Interpersonal Communication	3 cr.
10806198	Human Biology **or**	
10806177	General Anatomy and Physiology	4 cr.
10809159	Abnormal Psychology	3 cr.
10809172	Introduction to Diversity Studies	3 cr.
10809198	Introduction to Psychology	3 cr.
General Studies Total		19 cr.
ELECTIVES		3 cr.
TOTAL PROGRAM REQUIREMENTS		**61 cr.**

Health Sciences

41

Health Information Technology Pathway

You could take this first and get a credential.

Medical Coding Specialist

Technical Diploma

29 Credits / 1 Year Full Time; Part Time Option Available

Potential Careers

Medical Coding Specialist, Clinical Coding Specialist, Claims Analyst

▼

Continue your education to obtain an associate degree.

Health Information Technology

Associate Degree

62 Credits / 2 Years Full Time; Part Time Options Available

Potential Careers

Health Information Technician, HIM Supervisor, Insurance/Business Specialist

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-La Crosse+

UW-Stout

UW-Whitewater

Bellevue University

Concordia University Wisconsin

Franklin University

Lakeland University+

Milwaukee School of Engineering (MSOE)

The College of St. Scholastica+

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree to Bachelor Degree Articulation Agreement with Northwood Tech

- + These colleges have developed an agreement / transfer guide directly related to the Health Information Technology Program

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Health Sciences

42

Health Information Technology
Associate Degree - 2 year (financial aid eligible)

Healthcare meets cutting-edge technology in this two-year associate degree program. Health Information Technicians are in demand for a variety of employment opportunities.

Typical positions available after you graduate include:

• Health Information Technician
• HIM Supervisor
• Insurance/Business Specialist
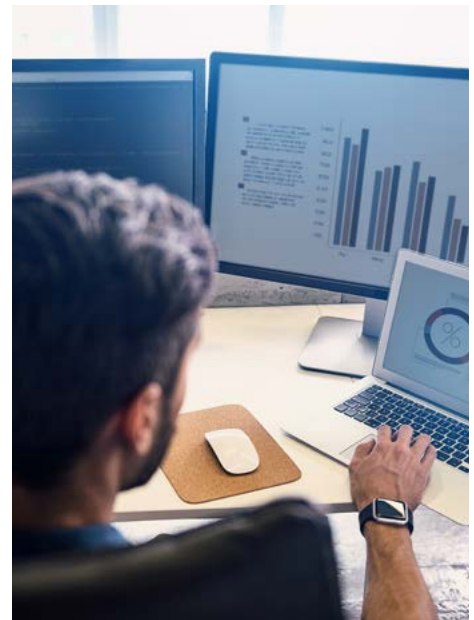
Estimated Program Cost: $10,553 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $3,467

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10501101	Medical Terminology	3 cr.
10501107	Digital Literacy for Healthcare	2 cr.
10530159	Healthcare Revenue Management	3 cr.
10530161	Health Quality Management	3 cr.
10530162	Foundations of HIM	3 cr.
10530163	Healthcare Stats and Analytics	3 cr.
10530164	Intro to Healthcare Informatics	3 cr.
10530165	Intermediate Coding	3 cr.
10530166	HIT Capstone	1 cr.
10530167	Management of HIM Resources	3 cr.
10530178	Healthcare Law & Ethics	2 cr.
10530182	Human Disease for the Health Professions	3 cr.
10530184	CPT Coding	3 cr.
10530196	Professional Practice	3 cr.
10530197	ICD Diagnosis Coding	3 cr.
10530199	ICD Procedure Coding	2 cr.
Technical Studies Total		43 cr.
General Studies Courses		
10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication **or**	
10801198	Speech	3 cr.
10804189	Introductory Statistics	3 cr.
10806177	General Anatomy and Physiology	4 cr.
10809172	Introduction to Diversity Studies	3 cr.
10809198	Introduction to Psychology	3 cr.
General Studies Total		19 cr.
TOTAL PROGRAM REQUIREMENTS		**62 cr.**

Medical Coding Specialist
Technical Diploma - 1 year (financial aid eligible)

The Medical Coding Specialist program prepares individuals for employment as entry-level coding specialists in healthcare facilities such as hospitals, clinics, physician practice groups, surgery centers, long-term care facilities and home healthcare agencies.

Graduates of the program will be qualified for a variety of positions including:

• Medical Coding Specialist
• Clinical Coding Specialist
• Claims Analyst

Estimated Program Cost: $4,839 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $3,515

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10501107	Digital Literacy for Healthcare	2 cr.
10530159	Healthcare Revenue Management	3 cr.
10530162	Foundations of HIM	3 cr.
10530165	Intermediate Coding	3 cr.
10530182	Human Disease for the Health Professions	3 cr.
10530184	CPT Coding	3 cr.
10530197	ICD Diagnosis Coding	3 cr.
10530199	ICD Procedure Coding	2 cr.
Occupational Specific Total		22 cr.
Occupational Supportive Courses		
10501101	Medical Terminology	3 cr.
10806177	General Anatomy and Physiology	4 cr.
Occupational Supportive Total		7 cr.
TOTAL PROGRAM REQUIREMENTS		**29 cr.**

Health Sciences
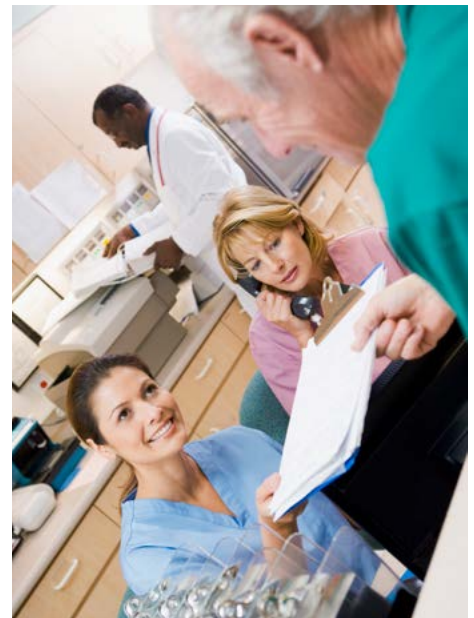
Medical Assistant Pathway

Embedded in the Medical Assistant program.

Patient Services Specialist

Technical Diploma

17 Credits / 1 Year / 2 Semesters Part Time

Potential Careers

Medical Insurance Clerk, Medical Receptionist, Patient Scheduler, Healthcare Customer Service Representative

▼

You could earn this technical diploma.

Medical Assistant

Technical Diploma

33 Credits / 1 Year Full Time; Part Time Options Available

Potential Careers

Medical Assistant, Clinical Assistant, Phlebotomist

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The college listed has developed a Technical Diploma to Bachelor Degree Articulation Agreement with Northwood Tech

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Health Sciences

44

The Medical Assistant program prepares individuals to assist physicians in their offices or other medical settings.

Graduates of the program will be qualified for a variety of positions including:

- Medical Assistant
- Clinical Assistant
- Phlebotomist

Estimated Program Cost: $5,358 - Tuition and fees.

Employed full-time in related field: 72%

Average Monthly Salary: $3,348

*Combination of On Site and Online instruction.

The Medical Assistant program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), upon the recommendation of the Medical Assisting Education Review Board (MAERB).

Commission on Accreditation of Allied Health Education Programs, 9355 - 113th St. N, #7709, Seminole, FL 33775 - Phone: 727.210.2350 www.caahep.org - **www.aama-ntl.org**

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
31501308	Pharmacology for Allied Health	2 cr.
31509301	Medical Assistant Administrative Procedures	2 cr.
31509302	Human Body in Health and Disease	3 cr.
31509303	Medical Assistant Laboratory Procedures 1	2 cr.
31509304	Medical Assistant Clinical Procedures 1	4 cr.
31509305	Medical Assistant Laboratory Procedures 2	2 cr.
31509306	Medical Assistant Clinical Procedures 2	3 cr.
31509307	Medical Office Insurance and Finance	2 cr.
31509309	Medical Law, Ethics and Professionalism	2 cr.
31509310	Medical Assistant Practicum	3 cr.
Occupational Specific Total		25 cr.
Occupational Supportive Courses		
10501101	Medical Terminology	3 cr.
10501107	Digital Literacy for Healthcare	2 cr.
10801136	English Composition 1	3 cr.
Occupational Supportive Total		8 cr.
TOTAL PROGRAM REQUIREMENTS		**33 cr.**

Health Sciences

45
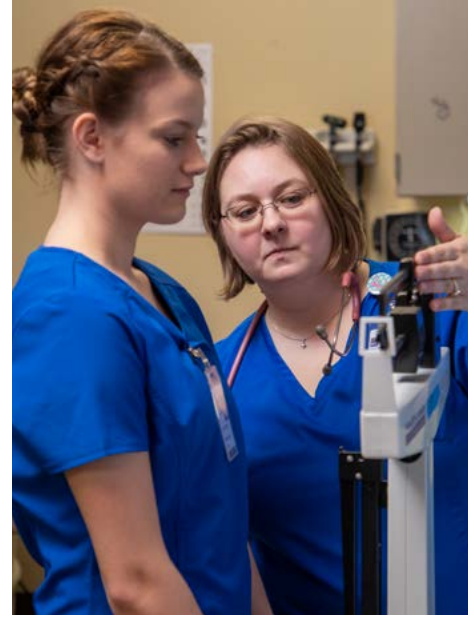
Nursing - Associate Degree Pathway

The Nursing Assistant credential is required for the associate degree.

Nursing Assistant

Technical Diploma (Not embedded, but a requirement for the Nursing programs)

2 Credits / 90 Hour Course

Potential Careers

Nursing Assistant

Licensed Practical Nurse (LPN)

If you are a Licensed Practical Nurse (LPN) and are interested in becoming a Registered Nurse

Credits vary depending upon previously completed courses

Potential Careers

Licensed Practical Nurse

You could earn this associate degree.

Nursing - Associate Degree

Associate Degree

70 Credits / At Least 2 Years
Full Time or Part Time Options available

Potential Careers

Registered Nurse

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Eau Claire+*** | UW-Eau Claire NWNA+ | UW-Green Bay+***

UW-Madison+*** | UW-Milwaukee+*** | UW-Oshkosh+***

UW-Stevens Point+*** | UW-Stout | UW-Superior+ | UW-Whitewater

Alverno College+ | Bellevue University | Cardinal Stritch University+

Carthage College+ | Chamberlain University+ | Concordia University Wisconsin

Franklin University+ | Grand Canyon University+ | Herzing University+

Lakeland University+ | Marian University+ | Milwaukee School of Engineering (MSOE)

Mount Mary University+ | Purdue University Northwest+

University of Arkansas Grantham+ | Viterbo University+

***Current Registered Nurses and Graduates of the Nursing – Associate Degree program (after May 1996) are eligible to receive a total 60 transfer credits to be applied to a Bachelor of Science in Nursing degree from a UW System Collaborative Nursing Program (CNP)/BSN@Home.

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree to Bachelor Degree Articulation Agreement with Northwood Tech

- + These colleges have developed an agreement / transfer guide directly related to the Nursing - Associate Degree Program***

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process

Health Sciences

Nursing - Associate Degree
Associate Degree - 2 years (financial aid eligible)

Nursing uses the nursing process, a problem-solving approach, to provide holistic care to individuals, families, and groups within the healthcare system.

Graduates of this program will be qualified for the following position:

• Registered Nurse

Estimated Program Cost: $11,592 - Tuition and fees.

Employed full-time in related field: 39%

Average Monthly Salary: $6,185

The Nursing-Associate Degree program at Northwood Technical College is accredited by the **Accreditation Commission for Education in Nursing, Inc. (ACEN)**, 3390 Peachtree Road NE, Suite 1400, Atlanta, GA 30326, phone 404.975.5000. The most recent accreditation decision made by the ACEN Board of Commissioners for the associate degree nursing program is continuing accreditation.

Students in health science programs will travel to the Shell Lake Health Education Center. Travel requirements are customized to meet individual program course competencies.

The Nursing-Associate Degree program at Northwood Technical College is approved by the **Wisconsin State Board of Nursing**. Concerns may also be directed to the Board of Nursing, DSPS, PO Box 8366, Madison, WI 53708 – 8366.
Phone number: 608.266.2112
Email: **dsps@wi.gov**

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10543101	Nursing Fundamentals	2 cr.
10543102	Nursing Skills	3 cr.
10543103	Nursing Pharmacology	2 cr.
10543104	Nursing: Intro to Clinical Practice	2 cr.
10543105	Nursing Health Alterations	3 cr.
10543106	Nursing Health Promotion	3 cr.
10543107	Nursing: Clinical Care Across Lifespan	2 cr.
10543108	Nursing: Intro to Clinical Care Management	2 cr.
10543109	Nursing: Complex Health Alterations 1	3 cr.
10543110	Nursing: Mental Health and Community Concepts	2 cr.
10543111	Nursing: Intermediate Clinical Practice	3 cr.
10543112	Nursing Advanced Skills	1 cr.
10543113	Nursing: Complex Health Alterations 2	3 cr.
10543114	Nursing: Management and Professional Concepts	2 cr.
10543115	Nursing: Advanced Clinical Practice	3 cr.
10543116	Nursing Clinical Transition	2 cr.
Technical Studies Total		38 cr.

General Studies Courses

10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication **or**	
10801198	Speech	3 cr.
10806177	General Anatomy and Physiology	4 cr.
10806179	Advanced Anatomy and Physiology	4 cr.
10806197	Microbiology	4 cr.
10809188	Developmental Psychology	3 cr.
10809196	Introduction to Sociology	3 cr.
10809198	Introduction to Psychology	3 cr.
General Studies Total		27 cr.

ELECTIVES	5 cr.
TOTAL PROGRAM REQUIREMENTS	**70 cr.**

Nursing - Associate Degree - Part Time
Associate Degree - 4 years (financial aid eligible)

Nursing uses the nursing process, a problem-solving approach, to provide holistic care to individuals, families, and groups within the healthcare system.

Graduates of this program will be qualified for the following position:

• Registered Nurse

Estimated Program Cost: $11,685 - Tuition and fees.

Employed full-time in related field: 39%

Average Monthly Salary: $6,185

Clinical and Skills Labs will have On Site clinic and/or campus requirements (Shell Lake Health Education Center). Some travel required

The Nursing-Associate Degree program at Northwood Technical College is accredited by the **Accreditation Commission for Education in Nursing, Inc. (ACEN)**, 3390 Peachtree Road NE, Suite 1400, Atlanta, GA 30326, phone 404.975.5000. The most recent accreditation decision made by the ACEN Board of Commissioners for the associate degree nursing program is continuing accreditation.

The Nursing-Associate Degree program at Northwood Technical College is approved by the **Wisconsin State Board of Nursing**. Concerns may also be directed to the Board of Nursing, DSPS, PO Box 8366, Madison, WI 53708 – 8366.
Phone number: 608.266.2112
Email: **dsps@wi.gov**

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10543101	Nursing Fundamentals	2 cr.
10543102	Nursing Skills	3 cr.
10543103	Nursing Pharmacology	2 cr.
10543104	Nursing: Intro to Clinical Practice	2 cr.
10543105	Nursing Health Alterations	3 cr.
10543106	Nursing Health Promotion	3 cr.
10543107	Nursing: Clinical Care Across Lifespan	2 cr.
10543108	Nursing: Intro to Clinical Care Management	2 cr.
10543109	Nursing: Complex Health Alterations 1	3 cr.
10543110	Nursing: Mental Health and Community Concepts	2 cr.
10543111	Nursing: Intermediate Clinical Practice	3 cr.
10543112	Nursing Advanced Skills	1 cr.
10543113	Nursing: Complex Health Alterations 2	3 cr.
10543114	Nursing: Management and Professional Concepts	2 cr.
10543115	Nursing: Advanced Clinical Practice	3 cr.
10543116	Nursing Clinical Transition	2 cr.
Technical Studies Total		38 cr.

General Studies Courses

10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication **or**	
10801198	Speech	3 cr.
10806177	General Anatomy and Physiology	4 cr.
10806179	Advanced Anatomy and Physiology	4 cr.
10806197	Microbiology	4 cr.
10809188	Developmental Psychology	3 cr.
10809196	Introduction to Sociology	3 cr.
10809198	Introduction to Psychology	3 cr.
General Studies Total		27 cr.

ELECTIVES	5 cr.
TOTAL PROGRAM REQUIREMENTS	**70 cr.**

Health Sciences

Nursing Assistant
Technical Diploma - less than 1 year

The Nursing Assistant program provides classroom, laboratory instruction, and supervised practice in area nursing homes and hospitals.

Graduates of this program will be qualified for the following position:

• Nursing Assistant

The program is approved by the Wisconsin Department of Health Services, and the Office of Quality Assurance.

Estimated Program Cost: $332 - Tuition and fees.

Employed full-time in related field: 34%

Average Monthly Salary: $3,031*

*Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Course		
30543300	Nursing Assistant	2 cr.
PROGRAM REQUIREMENTS		**2 cr.**

Occupational Therapy Assistant
Associate Degree - 2 years (financial aid eligible)
Campuses: Ashland*, New Richmond* and Rice Lake*

This associate degree program prepares the student to become a Certified Occupational Therapy Assistant (COTA), or for employment in related jobs. In the traditional setting, the COTA provides services under the supervision of an occupational therapist using goal-directed activities to prevent, lessen, or overcome difficulty in attaining, maintaining, or developing occupations: daily living skills, play, leisure, and/or work skills.

When you graduate from this program, you will be qualified for a position as:

- Occupational Therapy Assistant
- Certified Occupational Therapy Assistant (COTA)
- Activities Director/Coordinator
- Case Manager
- Community Educator
- Community Support Worker
- Life Skills Trainer
- Mental Health Technician
- Paraprofessional, Specialized

Estimated Program Cost: $11,114 - Tuition and fees.

Average Monthly Salary: $3,719

*via Hybrid instruction
*Students in health sciences programs will travel to the Shell Lake Health Education Center. Travel requirements are customized to meet individual program course competencies.

The associate-degree-level occupational therapy assistant program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 6116 Executive Boulevard, Suite 200, North Bethesda, MD, 20852-4929. ACOTE's telephone phone number c/o AOTA is (301) 652-AOTA and it's web address is **www.acoteonline. org**. Graduates of the program will be eligible to sit for the national certification examination for the occupational therapy assistant administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be a Certified Occupational Therapy Assistant (COTA). In addition, all states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. Note that a felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure.

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10514171	Introduction to Occupational Therapy	3 cr.
10514172	Medical and Psychosocial Conditions	3 cr.
10514173	Activity Analysis and Applications	2 cr.
10514174	OT Performance Skills	4 cr.
10514175	Psychosocial Practice	3 cr.
10514176	OT Theory and Practice	3 cr.
10514178	Geriatric Practice	3 cr.
10514179	Community Practice	2 cr.
10514184	OTA Fieldwork I	2 cr.
10514185	OT Practice and Management	2 cr.
10514186	OTA Fieldwork IIA	5 cr.
10514187	OTA Fieldwork IIB	5 cr.
10514189	OT Phys Rehab Practice	4 cr.
10514190	OT Pediatric Practice	4 cr.
Technical Studies Total		**45 cr.**

General Studies Courses

Number	Course Title	Credits
10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication **or**	
10801198	Speech	3 cr.
10806177	General Anatomy and Physiology	4 cr.
10809188	Developmental Psychology	3 cr.
10809196	Introduction to Sociology	3 cr.
10809198	Introduction to Psychology	3 cr.
General Studies Total		**19 cr.**
PROGRAM REQUIREMENTS		**64 cr.**

Pharmacy Technician
Technical Diploma - 1 year (financial aid eligible)
Campuses: New Richmond* and Superior*

In this one-year technical diploma program, you will perform a variety of duties including preparation of prescriptions, record keeping, inventory control, handling monetary transactions and filing third-party claims. You will also be responsible for preparing IV solutions and compounding medications.

Graduates of the program will be qualified for a variety of positions including:

- Pharmacy Technician - Hospital
- Pharmacy Technician - Nursing Home
- Pharmacy Technician - Community
- Home IV Specialist

Estimated Program Cost: $5,326 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: 2,950

*via Hybrid instruction

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
31536301	Fundamentals of Reading Prescriptions	2 cr.
31536302	Pharmacy Business Applications	3 cr.
31536303	Pharmaceutical Calculations	3 cr.
31536304	Pharmacy Benefits Management	1 cr.
31536305	Pharmacy Law	2 cr.
31536306	Pharmacology	3 cr.
31536307	Pharmacy Drug Distribution Systems	2 cr.
31536308	Pharmacy Parenteral Admixtures	3 cr.
31536309	Pharmacy Community Clinical	2 cr.
31536310	Pharmacy Hospital Clinical	2 cr.
10501101	Medical Terminology	3 cr.
Occupational Specific Total		**26 cr.**

Occupational Supportive Courses

Number	Course Title	Credits
10501107	Digital Literacy for Healthcare	2 cr.
32809380	Applied Interpersonal Skills	2 cr.
10809198	Introduction to Psychology	3 cr.
Occupational Supportive Total		**7 cr.**
TOTAL PROGRAM REQUIREMENTS		**33 cr.**

Hospitality Foundations (unique in WI)
Technical Diploma - less than one year
Campuses: Ashland, New Richmond, Rice Lake and Superior

Hospitality Foundations is a 16-week program preparing students for career opportunities in the area of entry-level hospitality and other customer service employment settings. This skilled based training is developed to help students learn essential hospitality duties through interactive course activities and community-based training experience, while enhancing personal awareness, career effectiveness and professionalism.

Graduates will be prepared for entry-level positions in diverse settings, including:

- Hotels
- Restaurants
- Event Centers
- Environmental Services

Estimated Program Cost: $955 - Tuition and fees.

Average Monthly Salary: $1,907*

*As much as possible, data for only Northwood Tech graduates is reported. However, average monthly salaries of programs that have less than five graduates at Northwood Tech, or less than five responding graduates from Northwood Tech, are reported using aggregated statewide data. The total average monthly salary for each division and the College includes salaries reported only by Northwood Tech graduates. Source: 2019-2020 Graduate Follow-Up Survey

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
30109330	Hospitality Applications	2 cr.
30109331	Safety and Sanitation Fundamentals	1 cr.
30109332	Guest Relations Fundamentals	1 cr.
30109333	Hospitality Internship	1 cr.
Occupational Specific Total		**5 cr.**

Occupational Supportive Courses

Number	Course Title	Credits
30890320	Working Smart	1 cr.
Occupational Supportive Total		**1 cr.**
PROGRAM REQUIREMENTS		**6 cr.**

Cosmetology
Technical Diploma - 1 year (financial aid eligible)

This program includes permanent waves, shampoos, hair color, cutting, styling, nail enhancements, facials, and communication skills.

Career opportunities are excellent for a cosmetologist. Opportunities for graduates include:

- Cosmetologist
- Color Technician
- Make-up Artist
- Nail Technician
- Skin Care/Esthetics

With additional experience, graduates may move into one of these positions:

- Manager
- Owner
- Platform Artist
- Instructor
- Independent Contractor
- Consultant

Estimated Program Cost: $4,822 - Tuition and fees.

Employed full-time in related field: 46%

Average Monthly Salary: $2,519**

*Combination of Hybrid and On Site instruction

**Average monthly salaries were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
31502382	Hair Sculpture	3 cr.
31502383	Hair Design	3 cr.
31502384	Chemical Texture	3 cr.
31502385	Hair Color	3 cr.
31502386	Cosmetology Fundamentals	4 cr.
31502387	Introductory Client Services	2 cr.
31502388	Intermediate Client Services	3 cr.
31502389	Advanced Cosmetology Techniques	2 cr.
31502394	Esthetics	1 cr.
31502395	Nail Care and Design	1 cr.
31502396	Advanced Client Services	5 cr.
		30 cr.
TOTAL PROGRAM REQUIREMENTS		**30 cr.**

PIVOT POINT LEGACY PARTNER

This designation reflects an educational program consisting of distinctive techniques of scientific hair designing and cosmetology. Techniques from this educational program are taught in educational institutions around the world. For more information, visit **pivot-point.com**.

Human Services

Human Services Associate Pathway

You could take this first and get a credential.

Community-Based Residential Facility (CBRF) Caregiver

Technical Diploma

2 Credits / 1 Course / 1 Semester Part Time

Potential Careers Settings

CBRF Caregiver program graduates will be well prepared to use their knowledge, skills and abilities in a variety of positions in diverse CBRF settings, such as:

Assisted Living, Memory Care, Group Homes, Transitional Housing

Substance Abuse Counselor Education

Technical Diploma

27 Credits / 1 Year Full Time

Potential Careers

Substance Abuse Counselor - In Training, Assessment Counselor, Intake Counselor, Substance Abuse Counselor

Career qualifications vary based on licensure application, examination and supervised practice/ employment hours as specified and approved by the Wisconsin Department of Safety and Professional Services

Continue your education to obtain an associate degree.

Human Services Associate

Associate Degree

60 Credits / 2 Years Full Time

Potential Careers

Case Worker, Community Outreach/Support Worker, Income Maintenance Worker, Human Services / Information and Referral Specialist, Substance Abuse Counselor (with specialized field experience), Intake Worker, Prevention Worker, Residential Manager, Social Services Assistant, Volunteer Coordinator, Adult Day Care Worker, Human Services Technician, Counselor Assistant, Residential Counselor, Youth Care Counselor, Family Advocate, Activities Assistant, Visitation Worker, Program Aide

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Eau Claire+
UW-Stout+
UW-Superior+
UW-Whitewater
Bellevue University
Concordia University Wisconsin+
Franklin University
Lakeland University+
Milwaukee School of Engineering (MSOE)
The College of St. Scholastica+

Important Notes on Transferring

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree to Bachelor Degree Articulation Agreement with Northwood Tech

- + These colleges have developed an agreement / transfer guide directly related to the Human Services and/or similar programs such as Social Work, Human Services, and Human Development & Family Studies

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Community-Based Residential Facility (CBRF) Caregiver
Technical Diploma - less than one year

Campuses: Ashland, New Richmond, Rice Lake and Superior

This technical diploma is ideal for individuals pursuing careers in CBRF residential and treatment facilities.

CBRF Caregiver program graduates will be well prepared to use their knowledge, skills and abilities in a variety of positions in diverse CBRF settings such as:

• Assisted Living
• Memory Care
• Group Homes
• Transitional Housing

Estimated Program Cost: $391 - Tuition and fees.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10575100	CBRF Caregiver Fundamentals	2 cr.
	PROGRAM REQUIREMENTS	**2 cr.**

Human Services Associate
Associate Degree - 2 years (financial aid eligible)

The Human Services Associate program trains individuals to provide information, support, care, and advocacy in a human service agency.

Positions available to students after graduation may include:

- Case Worker
- Community Outreach/Support Worker
- Income Maintenance Worker
- Human Services/Information and Referral Specialist
- Substance Abuse Counselor (with specialized field experience)
- Intake Worker
- Prevention Worker
- Residential Manager
- Social Services Assistant
- Volunteer Coordinator
- Adult Day Care Worker
- Human Services Technician
- Counselor Assistant
- Residential Counselor
- Youth Care Counselor
- Family Advocate
- Activities Assistant
- Visitation Worker
- Program Aide

Estimated Program Cost: $9,598 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $3,085

*Hybrid instruction

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
Technical Studies Courses		
10520101	Introduction to Human Services	3 cr.
10520102	Interviewing	3 cr.
10520103	Ethics in Human Services	3 cr.
10520104	Issues in Alcohol and Other Drug Abuse	3 cr.
10520105	Introduction to Counseling	3 cr.
10520106	Methods of Social Casework	3 cr.
10520107	Gerontology **or**	
10520108	Child and Adolescent Behavior	3 cr.
10520110	Group Facilitation	3 cr.
10520112	Family Systems	3 cr.
10520113	Field Experience 1	3 cr.
10520114	Field Experience 2	3 cr.
10520115	Substance Abuse Assessment and Treatment	3 cr.
10575100	CBRF Caregiver Fundamentals	2 cr.
Technical Studies Total		38 cr.
General Studies Courses		
10801136	English Composition 1	3 cr.
10801198	Speech **or**	
10801196	Oral/Interpersonal Communication	3 cr.
10806198	Human Biology	4 cr.
10809159	Abnormal Psychology	3 cr.
10809172	Introduction to Diversity Studies	3 cr.
10809198	Introduction to Psychology	3 cr.
General Studies Total		19 cr.
ELECTIVES		3 cr.
TOTAL PROGRAM REQUIREMENTS		**60 cr.**

Substance Abuse Counselor Education
Technical Diploma - 1 year (financial aid eligible)

Help to address substance abuse challenges within our communities. The Substance Abuse Counselor Education technical diploma is pre-approved by the Wisconsin Department of Safety and Professional Services to meet the six content areas (360 hours) of educational requirements for Substance Abuse Counselors.

Opportunities for graduates include:

- Substance Abuse Counselor – In Training
- Assessment Counselor
- Intake Counselor
- Substance Abuse Counselor

*Career qualifications vary based on licensure application, examination and supervised practice/employment hours as specified and approved by the Wisconsin Department of Safety and Professional Services

Estimated Program Cost: $4,177 - Tuition and fees.

Employed full-time in related field: 75%

Average Monthly Salary: $3,912**

*Hybrid instruction

** Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10520102	Interviewing	3 cr.
10520103	Ethics in Human Services	3 cr.
10520104	Issues in Alcohol and Other Drug Abuse	3 cr.
10520105	Introduction to Counseling	3 cr.
10520106	Methods of Social Casework	3 cr.
10520110	Group Facilitation	3 cr.
10520112	Family Systems	3 cr.
10520115	Substance Abuse Assessment and Treatment	3 cr.
Occupational Specific Total		24 cr.
Occupational Supportive Courses		
10809198	Introduction to Psychology	3 cr.
Occupational Supportive Total		3 cr.
TOTAL PROGRAM REQUIREMENTS		**27 cr.**

Information Technology - Cybersecurity Specialist Pathway

Embedded in the IT - Cybersecurity Specialist program.

IT - Network Technician

Technical Diploma

19 Credits / Less than 1 Year Part Time

Potential Careers

Computer Technician, Network Technician

▼

You could earn this associate degree.

IT - Cybersecurity Specialist

Associate Degree

63 Credits / 2 Years Full Time; 3 Years Part Time

Potential Careers

Network Administrator, Network Support Specialist, Cyber Security Specialist, Network Security Specialist, Network Specialist, Computer Specialist, SOC Analyst

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout+

UW-Whitewater

Bellevue University

Concordia University Wisconsin

Franklin University

Lakeland University+

Milwaukee School of Engineering (MSOE)

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree to Bachelor Degree Articulation Agreement with Northwood Tech

- + These colleges have developed an agreement related directly to the Information Technology (IT) Program

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Information Technology

Campuses: Ashland*, New Richmond, Rice Lake and Superior**
(full program available at the
New Richmond, Rice Lake or Superior campus)

The IT - Cybersecurity Specialist program will give students hands-on experience with networking, operation systems, virtualization and security.

Typical positions available after graduation include:

- Network Administrator
- Network Support Specialist
- Cyber Security Specialist
- Network Security Specialist
- Network Specialist
- Computer Specialist
- SOC Analyst

Estimated Program Cost: $10,081 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $4,885***

*Only first year coursework available at the Ashland campus

**via Hybrid instruction

***Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10150102	Information Security	3 cr.
10150109	Wireless Networking and Security	3 cr.
10150111	Cisco CCNA 1 Introduction to Networks	3 cr.
10150112	Cisco CCNA 3 Enterprise Networking, Security and Automation	3 cr.
10150113	Cisco CCNA 2 Routing and Switching Essentials	3 cr.
10150117	Server Administration 1	3 cr.
10150139	IT Essentials and Security	2 cr.
10150161	Network and Security Case Studies	1 cr.
10150170	Coding with Python	2 cr.
10151101	Firewall and VPN Management	3 cr.
10151102	Digital Forensics and Incident Response	2 cr.
10151103	Penetration Testing	3 cr.
10151104	Intrusion Detection and Prevention	3 cr.
10151105	Logging and Analysis	3 cr.
10151106	Networking Security Capstone	2 cr.
10151107	Emerging Technologies in Cybersecurity	3 cr.
10154103	Linux Operating Systems	3 cr.
10154149	Windows Operating Systems	3 cr.
Technical Studies Total		48 cr.

General Studies Courses

10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication **or**	
10801198	Speech	3 cr.
10804123	Math with Business Applications **or**	
10804113	College Technical Mathematics 1A **or**	
10804133	Mathematics and Logic	3 cr.
10809166	Introduction to Ethics: Theory and Application **or**	
10809172	Introduction to Diversity Studies **or**	
10809195	Economics	3 cr.
10809198	Introduction to Psychology	3 cr.
General Studies Total		15 cr.

PROGRAM REQUIREMENTS **63 cr.**

Information Technology

Information Technology - Systems Administration Specialist Pathway

Embedded in the IT - Systems Administration Specialist program.

IT - Network Technician

Technical Diploma

19 Credits / Less than 1 Year Part Time

Potential Careers

Computer Technician, Network Technician

▼

You could earn this associate degree.

IT - Systems Administration Specialist

Associate Degree

63 Credits / 2 Years Full-Time; 3 Years Part Time

Potential Careers

Systems Administrator, Microsoft Server Administrator, Network Technician, VMware vSphere Administrator, Database Administrator, Cloud Technician

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout+

UW-Whitewater

Bellevue University

Concordia University Wisconsin

Franklin University

Lakeland University+

Milwaukee School of Engineering (MSOE)

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree to Bachelor Degree Articulation Agreement with Northwood Tech

- + These colleges have developed an agreement directly related to the Information Technology (IT) Program

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools assist your transfer process

Information Technology - Systems Administration Specialist
Associate Degree - 2 years (financial aid eligible)

The Information Technology - Systems Administration Specialist program prepares students to install, configure, and manage servers in a virtualized environment.

The use of computers in business and industry has led to a strong demand for systems administration specialists. Job opportunities after graduation include:

• Systems Administrator
• Microsoft Server Administrator
• Network Technician
• VMware vSphere Administrator
• Database Administrator
• Cloud Technician

With additional education and/or work experience, graduates may find employment as:

• Network Administrator
• Information Security Analyst
• Data Center Manager

Estimated Program Cost: $10,075 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $3,537

*Only first year coursework fully available at the New Richmond campus. Second year coursework is available at other campus locations or through a combination of Online, Hybrid or On Site instruction at the New Richmond campus
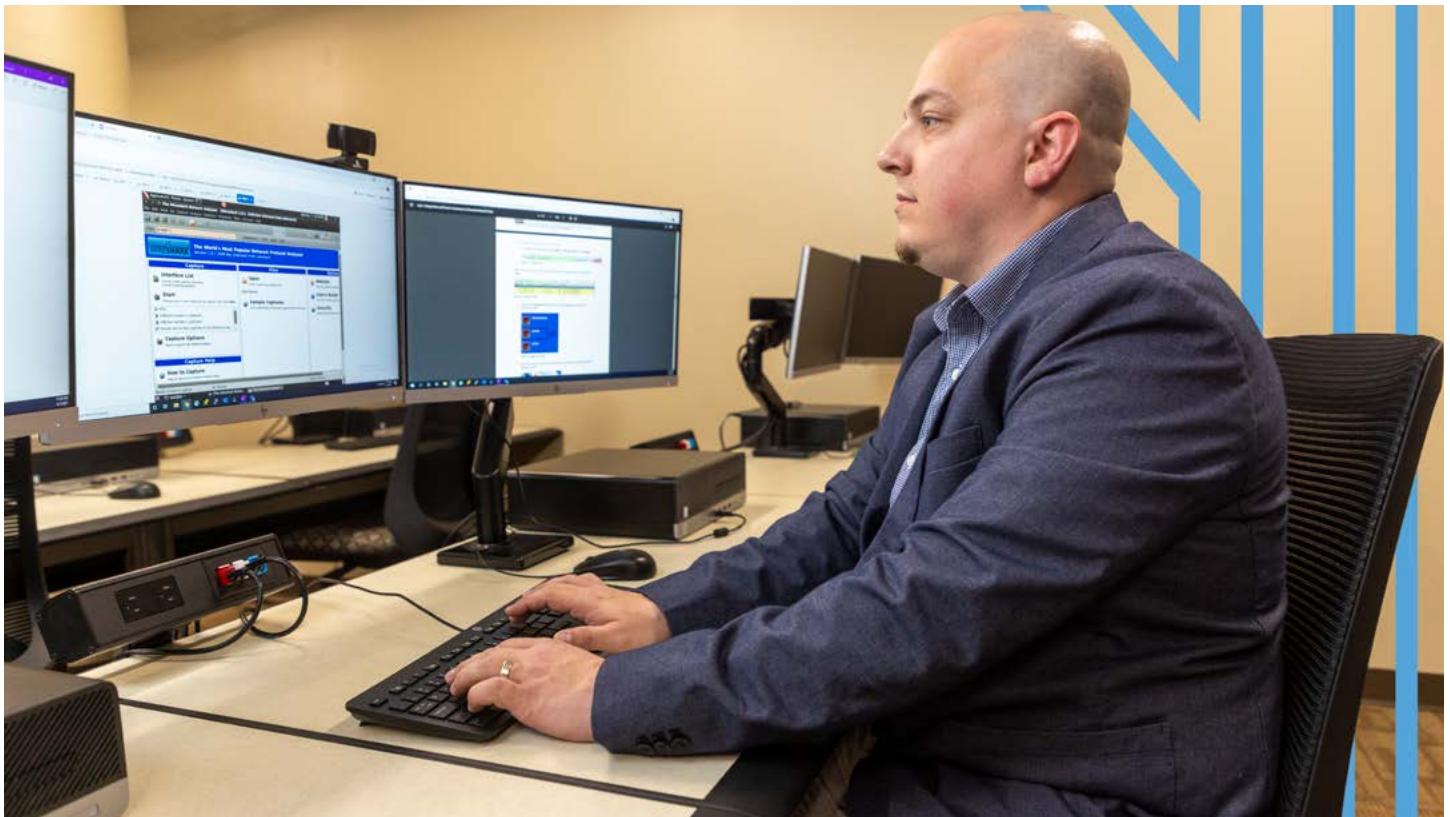
**Full program available at the Superior campus via Hybrid instruction.

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10150111	Cisco CCNA 1 Introduction to Networks	3 cr.
10150113	Cisco CCNA 2 Routing and Switching Essentials	3 cr.
10150117	Server Administration 1	3 cr.
10150118	Server Administration 2	3 cr.
10150139	IT Essentials and Security	2 cr.
10150170	Coding with Python	2 cr.
10152100	Database Concepts and SQL	3 cr.
10154103	Linux Operating Systems	3 cr.
10154141	VMware Certified Professional	3 cr.
10154165	Introduction to System Center	2 cr.
10154166	Introduction to PowerShell Automation	3 cr.
10154144	Ethical Hacking	3 cr.
10154145	Database Administration	3 cr.
10154146	Cloud Computing	3 cr.
10154147	Capstone Project	2 cr.
10154148	IT Field Experience	1 cr.
10154149	Windows Operating Systems	3 cr.
Technical Studies Total		**45 cr.**

General Studies Courses

10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication **or**	
10801198	Speech	3 cr.
10804123	Math with Business Applications **or**	
10804113	College Technical Mathematics 1A **or**	
10804133	Mathematics and Logic	3 cr.
10809166	Introduction to Ethics: Theory and Application **or**	
10809172	Introduction to Diversity Studies **or**	
10809195	Economics	3 cr.
10809198	Introduction to Psychology	3 cr.
General Studies Total		15 cr.

ELECTIVES   3 cr.

PROGRAM REQUIREMENTS   **63 cr.**

Information Technology - Web and Software Developer
Associate Degree - 2 years (financial aid eligible)

Students will become skilled with a variety of development environments, database design and manipulation methods, and Web design and development techniques.

Businesses are experiencing growth in data-driven Web and mobile applications. Organizations will look for programmers who can support existing enterprise systems and implement electronic commerce strategies. The demand for programmers with object-oriented programming, database, and web development skills will continue to grow. Typical positions available after graduation include:

- Web Developer
- Software Developer
- Database Developer
- Full Stack Developer

Estimated Program Cost: $9,900 Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $4,717*

*Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10152100	Database Concepts and SQL	3 cr.
10152101	Web Design and Development	3 cr.
10152102	Advanced Website Development	3 cr.
10152106	Java Programming - Beginning	3 cr.
10152107	Java Programming - Advanced	3 cr.
10152108	Enterprise Java Programming	3 cr.
10152110	Programming in SQL	3 cr.
10152111	Systems Analysis and Design	3 cr.
10152112	Server-Side Web Development	3 cr.
10152113	Applications Development	3 cr.
10152115	Beginning .NET Programming	3 cr.
10152116	Web Tools of the Trade	2 cr.
10152117	Advanced .NET Programming	3 cr.
10152118	Enterprise Programming in .NET	3 cr.
10152119	Development in Emerging Technologies	3 cr.
10152135	Program Logic	3 cr.
Technical Studies Total		47 cr.
General Studies Courses		
10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication **or**	
10801198	Speech	3 cr.
10804123	Math with Business Applications **or**	
10804113	College Technical Mathematics 1 **or**	
10804133	Mathematics and Logic	3 cr.
10809166	Introduction to Ethics: Theory and Application **or**	
10809172	Introduction to Diversity Studies **or**	
10809195	Economics	3 cr.
10809198	Introduction to Psychology	3 cr.
General Studies Total		15 cr.
PROGRAM REQUIREMENTS		**62 cr.**

Advanced EMT
Technical Diploma - Less than 1 Year

Northwood Tech offers the Advanced EMT program for students who are seeking advanced skills and a higher level of challenge in an exciting field. The student will develop more sophisticated emergency treatment skills including assessment skills and medication administration. The student will perform a variety of patient assessments and skills including intravenous, intraosseous, intranasal, inhalation and intramuscular injections on real patients.

Licensure as an Advanced EMT allows the Advanced EMT to initiate intravenous therapy and administer selected medications as authorized by the Wisconsin EMS Unit and Ambulance Service Medical Director.

Estimated Program Cost: $670 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $3,378**

*Combination of On Site and Online Live instruction

** Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Course		
30531336	Advanced EMT	3 cr.
30531337	Advanced EMT Clinical	1 cr.
PROGRAM REQUIREMENTS		**4 cr.**

Criminal Justice - Law Enforcement 720 Academy
Technical Diploma - less than 1 year (financial aid eligible)

Campus: Rice Lake

The Criminal Justice - Law Enforcement 720 Academy will provide students with the right skills to handle complex situations encountered as a criminal justice official at municipal, county, or state government levels.

Criminal Justice - Law Enforcement 720 Academy graduates are in demand because they can perform many public safety functions. Typical positions available upon successful completion include:

- Police Officer
- Deputy Sheriff
- Other Certified Law Enforcement Positions

Estimated Program Cost: $5,000* - Tuition and fees.

Employed full-time in related field: 83%

Average Monthly Salary: $4,978**

*Book costs are included in this amount

** Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
30504503	Overview of Criminal Justice	1 cr.
30504500	Overview of Patrol Response	2 cr.
30504507	Application of Traffic Response	3 cr.
30504506	Overview of Investigations	2 cr.
30504508	Principles of Investigations	1 cr.
30504502	Application of Investigations	1 cr.
30504501	Physical Fitness	1 cr.
30504504	Principles of Emergency Vehicle Response	2 cr.
30504510	Overview of Tactics	1 cr.
30504509	Principles of Tactics	5 cr.
30504511	Scenario Assessment	1 cr.
30504505	Sensitive Crimes	2 cr.
	PROGRAM REQUIREMENTS	**22 cr.**

Criminal Justice Studies
Associate Degree - 2 years (financial aid eligible)

Campuses: Ashland*, New Richmond*, Rice Lake*, Superior* and Online

Protective services today require employees that are knowledgeable, ethical, have strong communication skills, and that are adaptable to ever-changing technological and societal changes. The Criminal Justice Studies program will prepare students for various positions in the criminal justice field.

Typical positions available after graduation include:

- Youth Care Workers
- Detention Workers
- Private Investigators
- Security Officers
- Dispatcher
- Park and Forestry Personnel
- Victim Witness Advocate

After completing the associate degree program, graduates may apply for the 200 Basic Jail Officer Academy or Criminal Justice - Law Enforcement 720 Academy. Typical positions available after completing an academy include:

- Police Officer
- Deputy Sheriffs
- Correctional Officers

With additional education or work experience, graduates may also pursue a position as a(n):

- Adult/Juvenile Administrator
- Institutional Case Worker/Social Worker
- Probation/Parole Administrator
- Probation/Parole Agent
- Youth Counselor/Case Aide
- Youth Detention Home Supervisor
- State Patrol/Troopers
- DNR Warden

Estimated Program Cost: $9,641 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $4,225**

*Combination of On Site, Online and Hybrid instruction

** Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates.

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10504161	Courts/Jurisdiction	3 cr.
10504163	Criminal Justice-Introduction	3 cr.
10504164	Introduction to Criminal Law	3 cr.
10504165	Communication Strategies	3 cr.
10504167	Policing Strategies	3 cr.
10504168	Wellness	2 cr.
10504169	Criminal Justice Due Process	3 cr.
10504172	Criminology	3 cr.
10504173	Criminal Justice Investigations **or**	
10504174	Correctional Institutions	3 cr.
10504175	Juvenile Justice System	3 cr.
10504176	Criminal Justice Ethics	3 cr.
10504177	Traffic Law Enforcement **or**	
10504146	Probation/Parole	3 cr.
10504181	Criminal Justice Report Writing	3 cr.
10504183	Criminal Justice Capstone	2 cr.
10504184	Emerging Issues in Criminal Justice	3 cr.
	Technical Studies Total	43 cr.
General Studies Courses		
10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication **or**	
10801198	Speech	3 cr.
10804123	Math with Business Applications **or**	
10804107	College Mathematics **or**	
10804189	Introductory Statistics	3 cr.
10809172	Introduction to Diversity Studies **or**	
10809159	Abnormal Psychology	3 cr.
10809196	Introduction to Sociology	3 cr.
10809198	Introduction to Psychology	3 cr.
	General Studies Total	18 cr.
	TOTAL PROGRAM REQUIREMENTS	**61 cr.**

57

Paramedic Technician Pathway

The EMT is required for the Paramedic and Paramedic Technician programs.

Emergency Medical Technician

Technical Diploma
(not embedded but a requirement for the Paramedic programs)

5 Credits / 180 Required Hours

Potential Careers

Emergency Medical Technician (EMT)

▼

Continue your education to obtain this technical diploma.

EMT-Paramedic

Technical Diploma

38 Credits / 16 Months Full Time

Potential Careers

Graduates of the program will be ready to start their career in a variety of healthcare settings including

Ambulance Service, Dispatch Centers, First Responder Units, Hospitals/ Emergency Departments, Industrial Safety Departments, Rescue Squads, Urgent Care Facilities

▼

Continue your education to obtain an associate degree.

Paramedic Technician

Associate Degree

67 Credit / 2 Years Full Time; Part Time Option Available

Potential Careers

Graduates of the program will be ready to start their career in a variety of healthcare settings including:

Ambulance Service, Dispatch Centers, First Responder Units, Hospitals/ Emergency Departments, Industrial Safety Departments, Rescue Squads, Urgent Care Facilities

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout

UW-Whitewater

Bellevue University

Concordia University Wisconsin

Franklin University

Lakeland University

Milwaukee School of Engineering (MSOE)

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree to Bachelor Degree Articulation Agreement with Northwood Tech

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Emergency Medical Technician
Technical Diploma - less than 1 year

Campuses: Ashland*, New Richmond*, Rice Lake* and Superior*

Northwood Tech offers the Emergency Medical Technician (EMT) program for students who are seeking advanced skills and a higher level of challenge in an exciting field.

Emergency Medical Technicians are the crucial link in the healthcare system. Graduates of the EMT program will be eligible to take the National Registry of Emergency Medical Technicians EMT's cognitive and psychomotor examinations for emergency medical technician (EMT) level of certification:
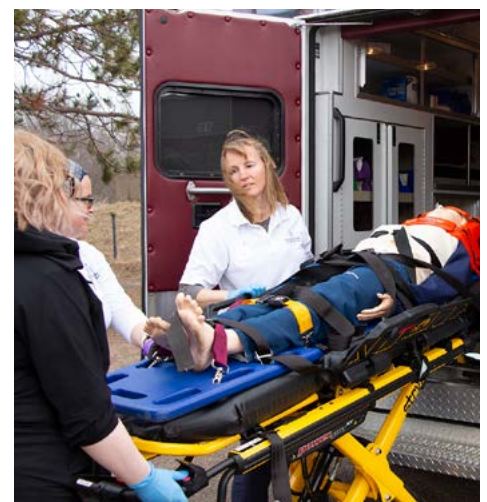
Estimated Program Cost: $856 - Tuition and fees.

Employed full-time in related field: 53%

Average Monthly Salary: $3,297

*Combination of On Site and Online Live instruction

Curriculum

Number	Course Title	Credits
Occupational Specific Course		
30531330	Emergency Medical Technician	5 cr.
PROGRAM REQUIREMENTS		**5 cr.**

58

Paramedic Technician
Associate Degree - 2 years (financial aid eligible)

Campuses: Ashland*, New Richmond*, Rice Lake* and Superior*

The Paramedic Technician program offers students the opportunity to further their professional EMS careers by pursuing a two-year associate degree, which includes general studies courses.

When you graduate, you will be qualified to start your career as a Paramedic Technician in a variety of healthcare settings including:

- Ambulance services
- Dispatch centers
- First responder units
- Hospitals/Emergency Departments
- Industrial Safety Departments
- Rescue squads
- Urgent care facilities

With further education, advancement potential may include:

- Critical Care Transport Paramedic
- Ambulance Service Training Coordinator
- EMS Shift Supervisor
- EMS Instructor
- Ambulance Service Manager
- Flight Paramedic

Estimated Program Cost: $11,024 - Tuition and fees.

Average Monthly Salary: $5,199**

*Combination of On Site and Online Live instruction

**Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10501101	Medical Terminology	3 cr.
10531911	EMS Fundamentals	2 cr.
10531912	Paramedic Medical Principles	4 cr.
10531913	Adv. Patient Assessment Principles	3 cr.
10531914	Adv. Pre-hospital Pharmacology	3 cr.
10531915	Paramedic Respiratory Management	2 cr.
10531916	Paramedic Cardiology	4 cr.
10531917	Paramedic Clinical/Field 1	3 cr.
10531918	Advanced Emergency Resuscitation	1 cr.
10531919	Paramedic Medical Emergencies	4 cr.
10531920	Paramedic Trauma	3 cr.
10531921	Special Patient Populations	3 cr.
10531922	EMS Operations	1 cr.
10531923	Paramedic Capstone	1 cr.
10531924	Paramedic Clinical/Field 2	4 cr.
10804138	Math for Health Professionals	2 cr.
Technical Studies Total		43 cr.
General Studies Courses		
10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication **or**	
10801197	Technical Reporting **or**	
10801198	Speech	3 cr.
10806177	General Anatomy and Physiology	4 cr.
10806179	Advanced Anatomy and Physiology	4 cr.
10806197	Microbiology	4 cr.
10809196	Introduction to Sociology **or**	
10809172	Introduction to Diversity Studies	3 cr.
10809198	Introduction to Psychology	3 cr.
General Studies Total		24 cr.
PROGRAM REQUIREMENTS		**67 cr.**

Emergency Medical Technician - Paramedic
Technical Diploma - 16 months (financial aid eligible)

Campuses: Ashland*, New Richmond*, Rice Lake* and Superior*

This program offers students the opportunity to further their professional EMS careers.

Graduates of the program will be ready to start their career as paramedic technicians in a variety of healthcare settings including:

- Ambulance services
- Dispatch centers
- First responder units
- Hospitals/Emergency Departments
- Industrial Safety Departments
- Rescue squads
- Urgent care facilities

With further education, advancement potential may include:

- Critical Care Transport Paramedic
- Ambulance Service Training Coordinator
- EMS Shift Supervisor
- EMS Instructor
- Ambulance Service Manager
- Flight Paramedic

Estimated Program Cost: $6,238 - Tuition and fees.

Employed full-time in related field: 83%

Average Monthly Salary: $4,053

*Combination of On Site and Online Live instruction

The Emergency Medical Technician - Paramedic program is accredited by the Commission on Accreditation of Allied Health Programs (**www.caahep.org**) upon recommendation of the Committee on Accreditation of Education Programs for the Emergency Medical Services Professions (CoAEMSP). This will enable graduates to take the Wisconsin Paramedic licensing examinations upon successful completion of all portions of the technical studies courses.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10531911	EMS Fundamentals	2 cr.
10531912	Paramedic Medical Principles	4 cr.
10531913	Adv. Patient Assessment Principles	3 cr.
10531914	Adv. Pre-hospital Pharmacology	3 cr.
10531915	Paramedic Respiratory Management	2 cr.
10531916	Paramedic Cardiology	4 cr.
10531917	Paramedic Clinical/Field 1	3 cr.
10531918	Advanced Emergency Resuscitation	1 cr.
10531919	Paramedic Medical Emergencies	4 cr.
10531920	Paramedic Trauma	3 cr.
10531921	Special Patient Populations	3 cr.
10531922	EMS Operations	1 cr.
10531923	Paramedic Capstone	1 cr.
10531924	Paramedic Clinical/Field 2	4 cr.
TOTAL PROGRAM REQUIREMENTS		**38 cr.**
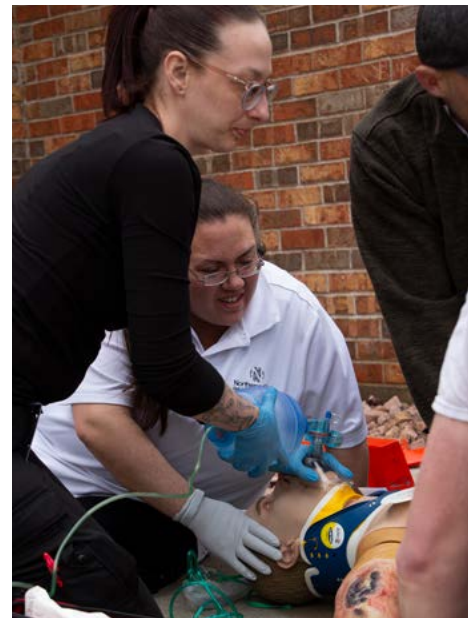
Automated Packaging Systems Technician Pathway

Embedded in the Automated Packaging Systems Technician program.

Mechatronics Basics

Technical Diploma

14 Credits / 1 Year Part Time

Potential Careers

Entry Level Electro-Mechanical Assembler, Maintenance Technician, Manufacturing Customer Service

▼

You could earn this technical diploma.

Automated Packaging Systems Technician

Technical Diploma

63 Credits / 2 Years Full Time

Potential Careers

Packaging Systems Assembler, Maintenance Technician, Field Service Technician, Line Mechanic/Adjuster, Packaging Systems Operator

The Automated Packaging Systems Technician program is funded with $295,458 in WTCS Grant Funds.

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The college listed has developed a Technical Diploma to Bachelor Degree Articulation Agreement with Northwood Tech

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- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Manufacturing

Automated Packaging Systems Technician (unique in WI)
Technical Diploma - 2 years (financial aid eligible)

Students will be trained to service and repair a wide variety of packaging equipment and automated systems.

Typical positions available after graduation include:

- Packaging Systems Assembler
- Maintenance Technician
- Field Service Technician
- Line Mechanic/Adjuster
- Packaging Systems Operator

Estimated Program Cost: $10,597 - Tuition and fees.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32150302	Applied IT Basics	1 cr.
32414335	DC Electricity	3 cr.
32414336	AC Electricity	3 cr.
32414380	Basic PLCs	3 cr.
32420314	Basic Machine Shop	3 cr.
32454340	Packaging Machine Maintenance	3 cr.
32454341	Fluid Power Systems	3 cr.
32454343	Packaging Machine Rebuilding	5 cr.
32454344	Schematics, Prints, and Layouts	2 cr.
32454345	Packaging Systems Equipment Control	3 cr.
32454347	Electromechanical Componentry	4 cr.
32454348	Troubleshooting	2 cr.
32454349	Installation of Packaging Machines	5 cr.
32454357	Power Transmission Componentry	2 cr.
32454359	Packaging Materials/Processes	2 cr.
32454362	Processes of Manufacturing - Packaging	2 cr.
32454364	Motion Controls	2 cr.
32454366	Introduction to Robotics	2 cr.
Occupational Specific Total		50 cr.

Number	Course Title	Credits
Occupational Supportive Courses		
32442307	Welding for Mechanics	2 cr.
32801361	Applied Communications	2 cr.
32801362	Advanced Communication Skills	2 cr.
32804325	Applied Technical Math 1	3 cr.
32804334	Applied Technical Math 2	2 cr.
32809380	Applied Interpersonal Skills	2 cr.
Occupational Supportive Total		13 cr.

PROGRAM REQUIREMENTS   **63 cr.**

PMMI MECHATRONICS
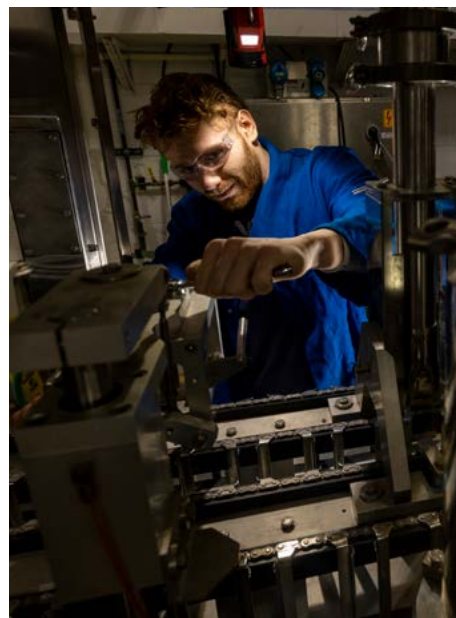
An outstanding feature of this program is the reliance on actual automated packaging machinery. The packaging industry, both locally and nationally, provides support to the program by providing scholarships. Coursework will help prepare students to take PMMI exams for industry certification.

Manufacturing

Automation for Industrial Systems Pathway

IT-Network Technician

Technical Diploma

19 Credits / Less than 1 Year Part Time

Potential Careers

Computer Technician, Network Technician

Industrial Systems Specialist

Technical Diploma

28 Credits / 1 Year Full Time

Potential Careers

Field Service Technician, Instrumentation and Controls Technician (I&C), Electrical and Instrument Technician (E&I), Service Technician, Electrical Maintenance Technician

Continue your education to obtain an associate degree.

Automation for Industrial Systems

Associate Degree

64 Credits / 2 Years Full Time; 3 Years Part Time

Potential Careers

Control Systems Technician, Instrument Technician, Programmable Logic Controller (PLC) Technician, Industrial Automation Technician, Computer Technician, Network Technician, Controls Engineer, Automation Engineer

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout

UW-Whitewater

Bellevue University

Concordia University Wisconsin

Franklin University

Lakeland University+

Milwaukee School of Engineering (MSOE)

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The colleges listed have developed an Associate Degree to Bachelor Degree Articulation Agreement with Northwood Tech

- + This college has developed a transfer guide directly related to Automation for Industrial Systems.

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Manufacturing

Industrial Systems Specialist (unique in WI)
Technical Diploma - 1 year (financial aid eligible)

Campus: New Richmond

The Industrial Systems Specialist embedded technical diploma is designed to develop or upgrade skills for individuals with an industrial background in operations, maintenance, or engineering. The training includes lecture and hands-on activities utilizing equipment found in industry today. The Technical Diploma focuses on AC/DC circuits, process control instrumentation, programmable logic controllers, electromechanical controls, motor control, and distributed control systems.

The Industrial Systems Specialist graduate will be ready to start a career as a(n):

• Field Service Technician
• Instrumentation and Controls Technician (I&C)
• Electrical and Instrument Technician (E&I)
• Service Technician
• Electrical Maintenance Technician

Estimated Program Cost: $4,562 - Tuition and fees.

Industrial Systems Specialist is a new Northwood Tech program. No graduate follow-up information is currently available.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10605167	Electricity 1	2 cr.
10605168	Electricity 2	2 cr.
10631100	Introduction to Process Control	2 cr.
10631102	Industrial Power Electronics	2 cr.
10631103	Process Control and Instrumentation	3 cr.
10631104	Smart Instruments	2 cr.
10631105	Industrial Networks and Communication Busses	2 cr.
10631106	Supervisory and Distributed Control Systems	3 cr.
10631107	Industrial Automation Case Project	1 cr.
10631108	PLC Programming and Interfacing	3 cr.
10631109	Industrial AC, Motor Control, and Pilot Devices	3 cr.
10631110	Advanced PLC Programming and Interfacing	3 cr.
	TOTAL PROGRAM REQUIREMENTS	**28 cr.**
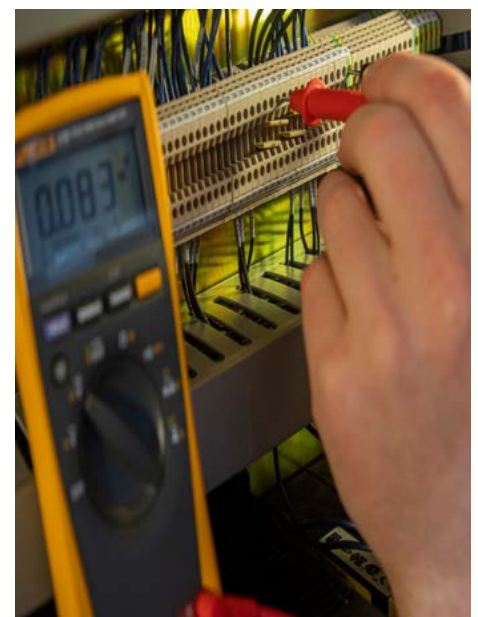
Automation for Industrial Systems (unique in WI)
Associate Degree - 2 years (financial aid eligible)

This program prepares the student to be employed at the technician level or higher on computers, industrial computer networks, programmable logic controllers (PLCs), and instruments.

The Automation for Industrial Systems graduate will be ready to start a career as a(n):

- Control Systems Technician
- Instrument Technician
- Programmable Logic Controller (PLC) Technician
- Industrial Automation Technician
- Computer Technician
- Network Technician
- Controls Engineer
- Automation Engineer

Estimated Program Cost: $10,233 - Tuition and fees.

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
10150111	Cisco CCNA 1 Introduction to Networks	3 cr.
10150113	Cisco CCNA 2 Routing and Switching Essentials	3 cr.
10150117	Server Administration 1	3 cr.
10150139	IT Essentials and Security	2 cr.
10150170	Coding with Python	2 cr.
10154103	Linux Operating Systems	3 cr.
10154149	Windows Operating Systems	3 cr.
10605167	Electricity 1	2 cr.
10605168	Electricity 2	2 cr.
10631100	Introduction to Process Control	2 cr.
10631102	Industrial Power Electronics	2 cr.
10631103	Process Control and Instrumentation	3 cr.
10631104	Smart Instruments	2 cr.
10631105	Industrial Networks and Communication Busses	2 cr.
10631106	Supervisory and Distributed Control Systems	3 cr.
10631107	Industrial Automation Case Project	1 cr.
10631108	PLC Programming and Interfacing	3 cr.
10631109	Industrial AC, Motor Control, and Pilot Devices	3 cr.
10631110	Advanced PLC Programming and Interfacing	3 cr.
Technical Studies Total		**47 cr.**

General Studies Courses

Number	Course Title	Credits
10801136	English Composition 1	3 cr.
10801196	Oral/Interpersonal Communication **or**	
10801198	Speech	3 cr.
10804113	College Technical Mathematics 1A	3 cr.
10804114	College Technical Mathematics 1B	2 cr.
10809166	Introduction to Ethics: Theory and Application **or**	
10809172	Introduction to Diversity Studies **or**	
10809195	Economics	3 cr.
10809198	Introduction to Psychology	3 cr.
General Studies Total		**17 cr.**

PROGRAM REQUIREMENTS   **64 cr.**

Industrial Maintenance Technician
Technical Diploma - 2 years (financial aid eligible)

The Industrial Maintenance Technician program will give the student practical, "hands-on" experience in welding, hydraulics, electricity, mechanical maintenance, and maintenance machining.

Maintenance mechanics are in demand in all types of industries. Pay rates for people in the equipment maintenance field are among the highest of all trades. Typical careers available after graduation include:

- Maintenance Technician Assistant
- Maintenance Technician Foreperson
- Maintenance Machinist
- Maintenance Technician
- Maintenance Welding

Estimated Program Cost: $10,103 - Tuition and fees.

Average Monthly Salary: $4,713*

*Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
31442370	Gas Metal Arc Welding 1	3 cr.
31442373	Shielded Metal Arc Welding 1	3 cr.
31442374	Shielded Metal Arc Welding 2	2 cr.
31442379	Gas Tungsten Arc Welding 1	2 cr.
32414340	Basic Electrical Theory	2 cr.
32414341	Electrical Systems	3 cr.
32414343	Industrial Systems Control	3 cr.
32419301	Hydraulics/Pneumatics	3 cr.
32420305	Maintenance Machining	3 cr.
32420310	Print Reading	2 cr.
32462305	Rigging	2 cr.
32462306	Fabrication Processes	2 cr.
32462308	Piping Systems	2 cr.
32462309	Pump Applications	2 cr.
32462312	Bearings and Lubrication	1 cr.
32462314	Machine Leveling and Alignments	2 cr.
32462317	Industrial Safety	1 cr.
32462320	Gears, Belts, and Chain Drives	1 cr.
32462321	Conveyors (WBL)	2 cr.
32462322	Conveyor Systems Repair Lab	3 cr.
32462330	Fluid Systems Repair Lab (WBL)	2 cr.
Occupational Specific Total		**46 cr.**

Occupational Supportive Courses

Number	Course Title	Credits
32801361	Applied Communications	2 cr.
32804325	Applied Technical Math 1	3 cr.
32804334	Applied Technical Math 2	2 cr.
32809380	Applied Interpersonal Skills	2 cr.
Occupational Supportive Total		**9 cr.**

TOTAL PROGRAM REQUIREMENTS   **55 cr.**

Machine Tool Technician Pathway

You could take this first and get a credential.

Machine Tool Operation

Technical Diploma

28 Credits / 1 Year Full Time

Potential Careers

Machine Operator, Machinist Apprentice, Machine Setup Operator

▼

Continue your education to obtain this technical diploma.

Machine Tool Technician

Technical Diploma

56 Credits / 2 Years Full Time

Potential Careers

Machine Tool Operator, Apprentice Machinist, Machine Setup Person, Tool Room Machinist, CNC Machinist, Maintenance Machinist, CNC Programmer

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The college listed has developed a Technical Diploma to Bachelor Degree Articulation Agreement with Northwood Tech

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process

Machine Tool Technician
Technical Diploma - 2 years (financial aid eligible)

The two-year machine tool technician program at Northwood Tech will prepare you to operate and set up machine tools for the machining industry.

Graduates from the two-year Machine Tool Technician program will be ready to start their career as a(n):

- Machine Tool Operator
- Apprentice Machinist
- Machine Setup Person
- Tool Room Machinist
- CNC Machinist
- Maintenance Machinist
- CNC Programmer

Estimated Program Cost: $10,764 - Tuition and fees.

Average Monthly Salary: $4,717*

*Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32420312	CNC Programming - Turning	2 cr.
32420313	CNC Turning Operations	2 cr.
32420315	CNC Programming - Milling	2 cr.
32420316	CNC Milling Operations	2 cr.
32420318	Production Machining 1	4 cr.
32420320	CAD/CAM Applications	2 cr.
32420321	Print Reading for Machine Trades	1 cr.
32420325	Machine Tool Operation 1	4 cr.
32420326	Machine Tool Operation 2	4 cr.
32420327	Machine Tool Operation 3	4 cr.
32420328	Machine Tool Operation 4 (WBL)	4 cr.
32420329	Machine Tool Theory 1	2 cr.
32420330	Machine Tool Theory 2	2 cr.
32420377	Production Fixturing and Quality	1 cr.
32420378	Production Machining 2	3 cr.
32420364	Multiaxis Programming and Operations	2 cr.
32420365	CNC Fundamentals	2 cr.
32420375	Job Shop Machining 1	4 cr.
32420376	Job Shop Machining 2	4 cr.
Occupational Specific Total		51 cr.
Occupational Supportive Courses		
32801361	Applied Communications	2 cr.
32804325	Applied Technical Math 1	3 cr.
Occupational Supportive Total		5 cr.
TOTAL PROGRAM REQUIREMENTS		**56 cr.**
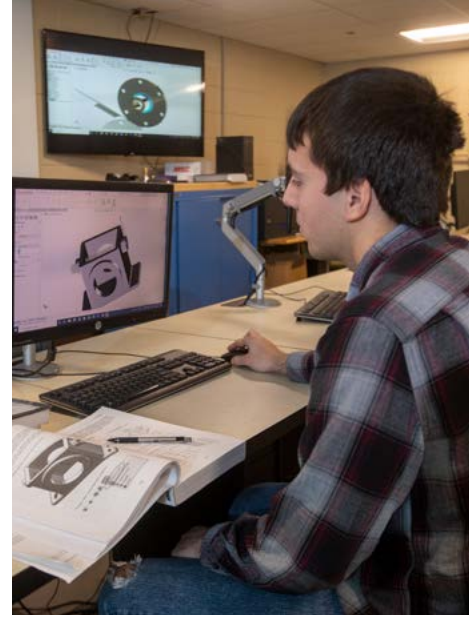
Machine Tool Operation
Technical Diploma - 1 year (financial aid eligible)

The one-year Machine Tool Operation program emphasizes core machining skills required and will prepare the student for a career in the machining industry.

Graduates from the Machine Tool Operation program will be ready to start their career as a:

- Machine Operator
- Machinist Apprentice
- Machine Setup Operator

With further training, graduates may advance to:

- All-round Machinist
- Tool and Die Maker
- Machine Programming
- Machine Shop Operator
- Tool-machine Setup Operator

Estimated Program Cost: $5,057 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $4,447*

*Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32420321	Print Reading for Machine Trades	1 cr.
32420325	Machine Tool Operation 1	4 cr.
32420326	Machine Tool Operation 2	4 cr.
32420327	Machine Tool Operation 3	4 cr.
32420328	Machine Tool Operation 4 (WBL)	4 cr.
32420329	Machine Tool Theory 1	2 cr.
32420330	Machine Tool Theory 2	2 cr.
32420365	CNC Fundamentals	2 cr.
Occupational Specific Total		23 cr.
Occupational Supportive Courses		
32801361	Applied Communications	2 cr.
32804325	Applied Technical Math 1	3 cr.
Occupational Supportive Total		5 cr.
TOTAL PROGRAM REQUIREMENTS		**28 cr.**

Manufacturing

Machine Tool Operation - CNC Pathway

Embedded in the Machine Tool Operation - CNC program.

CNC Technician

Technical Diploma

15 Credits / 1 Semester

Potential Careers

CNC Machine Operator, CNC Set-up Operator, CNC Operator, Machinist

This academy is funded with $162,170 in WTCS Grant Funds.

▼

Continue your education to obtain this technical diploma.

Machine Tool Operation - CNC

Technical Diploma

32 Credits / 1 Year Full Time

Potential Careers

Machine Tool Operator, Apprentice Machinist, CNC Machinist, CNC Programmer, Maintenance Machinist

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech
Transfer Options

UW-Stout

Important Notes on Transferring:

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Manufacturing

Students become proficient in the set up and operation of CNC mills and lathes, as well as manual mills, lathes, drills, and saws. Students write set sheets, build fixtures, program parts, set-up, and machine parts using the students' own processes and CNC programs. They also perform inspection to ensure quality and precision.

After completing this program, graduates will be ready for their career in a variety of positions such as:

- Machine Tool Operator
- Apprentice Machinist
- CNC Machinist
- Maintenance Machinist
- CNC Programmer

Estimated Program Cost: $6,084 - Tuition and fees.

Average Monthly Salary: $3,639*

*Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32420320	CAD/CAM Applications	2 cr.
32420321	Print Reading for Machine Trades	1 cr.
32420361	Introduction to CAD/CAM	1 cr.
32444302	Machining Fundamentals	2 cr.
31144310	Milling and Turning 1	3 cr.
31444311	Milling and Turning 2	5 cr.
31444312	Milling and Turning 3	3 cr.
31444313	Milling and Turning 4	4 cr.
31444314	Milling and Turning 5	4 cr.
Occupational Specific Total		25 cr.
Occupational Supportive Courses		
32801361	Applied Communications	2 cr.
32804325	Applied Technical Math 1	3 cr.
32804334	Applied Technical Math 2	2 cr.
Occupational Supportive Total		7 cr.
TOTAL PROGRAM REQUIREMENTS		32 cr.

Manufacturing

Machine Tooling Technics Pathway

Embedded in the Machine Tooling Technics program.

Entry Level Machining

Technical Diploma

27 Credits

Potential Careers

Machine Operator, Machine Repair Person, Machinist, Maintenance Machinist, Production Machinist, Set-Up Machinist

Multi-Axis CNC Milling

Technical Diploma

14 Credits

Potential Careers

CNC Machinist, Programmer

▼

You could earn this technical diploma.

Machine Tooling Technics

Technical Diploma

54 Credits / 2 Years Full Time

Potential Careers

Tool and Die Mold Maker, Machinist Apprentice, Machine Operator, CNC Machinist, Setup Person, Programmer, Maintenance Machinist

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The college listed has developed a Technical Diploma to Bachelor Degree Articulation Agreement with Northwood Tech

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process.

Manufacturing

Machine Tooling Technics
Technical Diploma - 2 years (financial aid eligible)

The Machine Tooling Technics program emphasizes mold and tool making for the plastic injection molding industry including using computerized machining equipment.

Typical careers available after graduation include:

• Tool and Die Mold Maker
• Machinist Apprentice
• Machine Operator
• CNC Machinist
• Setup Person
• Programmer
• Maintenance Machinist

Estimated Program Cost: $9,881 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $3,993

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32420306	Machine Shop Theory 1	2 cr.
32420307	Machine Shop Theory 2	2 cr.
32420308	Applied Machine Tooling 1	4 cr.
32420309	Applied Machine Tooling 2	4 cr.
32420311	Materials for Machine Tooling Technics	1 cr.
32420321	Print Reading for Machine Trades	1 cr.
32420334	CAD/CAM Demo	2 cr.
32420336	Applied Machine Tooling 3	4 cr.
32420337	Applied Machine Tooling 4	4 cr.
32420338	CAD Basics	1 cr.
32420339	Mastercam	2 cr.
32420343	Machine Tooling Technics 3	3 cr.
32420344	Machine Tooling Technics 4	3 cr.
32420357	Advanced Machining Concepts	1 cr.
32420370	Machine Tooling Technics 1	4 cr.
32420371	Machine Tooling Technics 2	4 cr.
32420391	Toolmaking Theory	2 cr.
Occupational Specific Total		44 cr.
Occupational Supportive Courses		
32801361	Applied Communications	2 cr.
32801362	Advanced Communication Skills	2 cr.
32804325	Applied Technical Math 1	3 cr.
32804335	Advanced Technical Math	3 cr.
Occupational Supportive Total		10 cr.
TOTAL PROGRAM REQUIREMENTS		**54 cr.**

Manufacturing

Welding Pathway

Embedded in the Welding program.

Shielded Metal Arc (SMAW)

Technical Diploma

7 Credits / Less Than 1 Year Part Time

Potential Careers

Production Welding, Welder Helper

Gas Metal Arc Welding (GMAW)

Technical Diploma

7 Credits / Less Than 1 Year Part Time

Potential Careers

Production Welder, Welder Helper

Embedded in the Welding program.

Flux Cored Arc Welding (FCAW)

Technical Diploma

6 Credits / Less than 1 Year Part Time

Potential Careers

Production Welder, Welder Helper

Gas Tungsten Arc Welding (GTAW)

Technical Diploma

8 Credits / Less than 1 Year Part Time

Potential Careers

Production Welder, Welder Helper

Embedded in the Welding program.

Welding/Maintenance and Fabrication

Technical Diploma

14 Credits / Less Than 1 Year Part Time

Potential Careers

Production Welding, Welder/Fitter, Flame Cutter/Machine Operator

You could earn this technical diploma.

Welding

Technical Diploma

32 Credits / 1 Year Full Time

Potential Careers

Production Welder, Construction Welder, Maintenance Welder, Welding Machine Operator, Welder/Fitter, Welder Helper, Flame Cutter/Machine Operator

The Welding program is funded with $491,723 in WTCS Grant Funds.

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech

Transfer Options

UW-Stout

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The college listed has developed a Technical Diploma to Bachelor Degree Articulation Agreement with Northwood Tech

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process

Northwood Tech
Experience. Success.

Welding
Technical Diploma - 1 year (financial aid eligible)

The Welding program will introduce welding and cutting safety as the most important aspect of proper workmanship. Next, the science and art of cutting/welding will be mastered in their basic forms.

Almost 60 percent of the gross national product involves welding. The demand for welders continues to be very strong. Positions available after graduation include:

• Production Welder
• Construction Welder
• Maintenance Welder
• Welder/Fitter
• Welder Helper
• Welding Machine Operator
• Flame Cutter/Machine Operator

Estimated Program Cost: $6,572 - Tuition and fees.

Employed full-time in related field: 85%

Average Monthly Salary: $3,667

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
31442321	Print Reading - Welding Trades	2 cr.
31442325	Welding Fabrication/Production (WBL)	3 cr.
31442370	Gas Metal Arc Welding 1	3 cr.
31442371	Gas Metal Arc Welding 2	2 cr.
31442372	Gas Metal Arc Welding 3	1 cr.
31442373	Shielded Metal Arc Welding 1	3 cr.
31442374	Shielded Metal Arc Welding 2	2 cr.
31442375	Shielded Metal Arc Welding 3	2 cr.
31442376	Oxyfuel and Arc Cutting Processes	2 cr.
31442377	Flux Cored Arc Welding 1	2 cr.
31442378	Flux Cored Arc Welding 2	2 cr.
31442379	Gas Tungsten Arc Welding 1	2 cr.
31442380	Gas Tungsten Arc Welding 2	2 cr.
Occupational Specific Total		28 cr.
Occupational Supportive Courses		
32801361	Applied Communications	2 cr.
32804303	Applied Math	2 cr.
Occupational Supportive Total		4 cr.
PROGRAM REQUIREMENTS		**32 cr.**

Manufacturing

Automotive Technician Pathway

Embedded in the Automotive Service Technician and Automotive Technician programs.

Automotive Maintenance and Light Repair Technician

Technical Diploma

11 Credits / 1 Semester

Potential Careers

Lube Technician, Automotive Maintenance and Light Repair Technician, Quick Service Technician

▼

You could earn this technical diploma.

Automotive Service Technician

Technical Diploma

28 Credits / One Year / 2 Semesters Full Time

Potential Careers

Automotive Service Technician, Drivability Technician, Brake Technician, Suspension and Alignment Technician, Quick Service Technician, Lube Technician, Auto Service Writer, Automotive Parts Technician

▼

Continue your education to obtain this technical diploma.

Automotive Technician

Technical Diploma

54 Credits / Two Years Full Time

Potential Careers

Brake Technician, Air Conditioning Technician, Auto Transmission Technician, Automotive Electrical Technician, Service Writer, Drive Train Technician, Suspension and Alignment Technician, Drivability Technician, Automotive Technician

▼

Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech Transfer Options

UW-Stout

Important Notes on Transferring:

- Check out **NorthwoodTech.edu/transfer** for details on specific agreements listed

- The college listed has developed a Technical Diploma to Bachelor Degree Articulation Agreement with Northwood Tech

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process

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Automotive Service Technician
Technical Diploma - 1 year (financial aid eligible)

Campus: Superior

The nine-month program is designed to provide you with skills necessary for entry-level automotive industry positions. This program has received certification by the ASE Education Foundation. See their web site at **www.ase.com**

Typical positions available at automobile dealerships or repair shops after graduation include:

- Automotive Service Technician
- Automotive Service Writer
- Automotive Parts Technician
- Drivability Technician
- Brake Technician
- Suspension and Alignment Technician
- Quick Service Technician
- Lube Technician

Estimated Program Cost: $4,721 - Tuition and fees.

Average Monthly Salary: $3,430*

*Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32404375	Automotive Fundamentals	2 cr.
32404376	DC Automotive Electrical	2 cr.
32404377	Electrical Systems	3 cr.
32404378	Engine Repair	4 cr.
32404379	Suspension and Alignment	3 cr.
32404380	Automotive Brake Systems	3 cr.
32404381	Engine Performance	3 cr.
32404382	Body Electrical Systems	3 cr.
32404385	Air Conditioning and Heating Systems (WBL)	3 cr.
Occupational Specific Total		26 cr.

Occupational Supportive Courses		
32804303	Applied Math	2 cr.
Occupational Supportive Total		2 cr.
PROGRAM REQUIREMENTS		**28 cr.**

ASE Accredited Training Program
Powered by ASE Education Foundation

nc3
National Coalition of Certification Centers

Automotive Technician
Technical Diploma - 2 years (financial aid eligible)

With an emphasis on hands-on experience, in the Automotive Technician program you'll learn essential service techniques including testing, repairing and rebuilding of basic automotive systems. This program has received certification by the ASE Education Foundation. See their web site at **www.ase.com**

Typical positions available at automobile dealerships or repair shops after graduation include:

- Brake Technician
- Air Conditioning Technician
- Auto Transmission Technician
- Automotive Electrical Technician
- Service Writer
- Drive Train Technician
- Suspension and Alignment Technician
- Drivability Technician
- Automotive Technician

Estimated Program Cost: $9,466 - Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $3,971*

*Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
Occupational Specific Courses		
32404375	Automotive Fundamentals	2 cr.
32404376	DC Automotive Electrical	2 cr.
32404377	Electrical Systems	3 cr.
32404378	Engine Repair	4 cr.
32404379	Suspension and Alignment	3 cr.
32404380	Automotive Brake Systems	3 cr.
32404381	Engine Performance	3 cr.
32404382	Body Electrical Systems	3 cr.
32404383	Automatic Transmissions	4 cr.
32404385	Air Conditioning and Heating Systems (WBL)	3 cr.
32404387	Advanced Engine Repair	4 cr.
32404388	Intro to Diesels and Hybrids	2 cr.
32404390	Manual Drive Trains	4 cr.
32404391	Advanced Body Electrical Systems	4 cr.
32404392	Advanced Engine Performance	4 cr.
32442307	Welding for Mechanics	2 cr.
Occupational Specific Total		50 cr.
Occupational Supportive Courses		
32801361	Applied Communications	2 cr.
32804303	Applied Math	2 cr.
Occupational Supportive Total		4 cr.
PROGRAM REQUIREMENTS		**54 cr.**
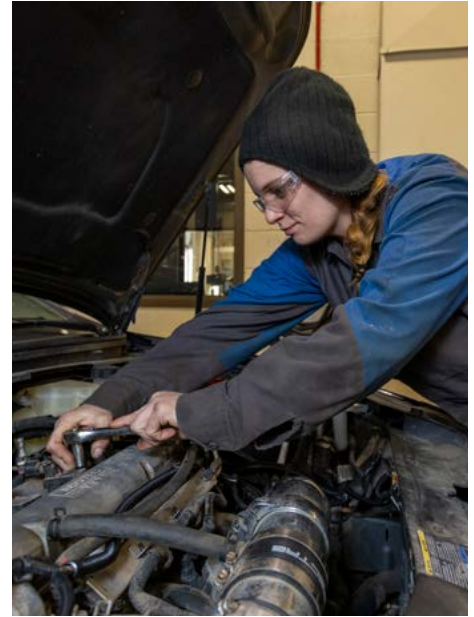
Diesel Equipment Technician
Technical Diploma - 2 years (financial aid eligible)

This program prepares students to service and repair diesel-powered agricultural and industrial equipment. This hands-on program covers power trains, electrical/electronic systems, chassis systems, brakes and hydraulics of these types of equipment.

Typical positions available after graduation include:

- Diesel Equipment Technician
- Fleet Maintenance Technician
- Equipment Mechanic
- Equipment Technician

Estimated Program Cost: $10,502 - Tuition and fees.

Employed full-time in related field: 67%

Average Monthly Salary: $3,604*

*Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Northwood Tech's Diesel Equipment Technician program is sponsored by Noregon Systems and Pepsi, allowing technicians to practice real-time diagnostic repair and become certified in using the J-Pro Aftermarket computer interface.

Northwood Tech's Diesel Equipment Technician program is sponsored by River States Freightliner, providing students the opportunity to receive recognitions through Daimler for Freightliner and Western Star trucks using OEM software diagnostics.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32070326	Basic Engines	5 cr.
32404376	DC Automotive Electrical **or**	
32070370	12-Volt Electrical Theory	2 cr.
32070338	Diesel Engine Theory	1 cr.
32070339	Mobile Hydraulics Theory	1 cr.
32404377	Electrical Systems **or**	
32070371	Introduction to Live Repair	3 cr.
32070361	Diesel Engine Repair	5 cr.
32070365	Mobile Hydraulics	5 cr.
32070367	12-Volt Electrical Circuits	5 cr.
32070369	Mobile HVAC for Heavy Equipment	1 cr.
32412301	Diesel Safety and Industry Practices	2 cr.
32412302	Diesel Truck Brake Systems	3 cr.
32412303	Diesel Truck Chassis Systems	3 cr.
32412304	Diesel Truck Powertrains	3 cr.
32412306	Alternative Fuels	1 cr.
32412307	Diesel Truck Inspection	2 cr.
32412308	Diesel Live Repair	3 cr.
32412309	Advanced Diesel Engine Controls and Emissions	1 cr.
32412310	Diesel Preventive Maintenance	2 cr.
32442307	Welding for Mechanics	2 cr.
Occupational Specific Total		50 cr.

Number	Course Title	Credits
Occupational Supportive Courses		
32801361	Applied Communications	2 cr.
32801362	Advanced Communication Skills	2 cr.
32804303	Applied Math	2 cr.
32804313	Applied Math 2	2 cr.
Occupational Supportive Total		8 cr.
PROGRAM REQUIREMENTS		**58 cr.**

Students will spend the second year of the program getting hands-on training at Hammond Truck & Trailer Repair, a division of Russ Davis Wholesale.

Marine Repair Technician Pathway

Embedded in the Marine Repair Technician program.

Marine Repair Essentials

Pathway Certificate

14 Credits / 1 Semester Full Time

Potential Careers

Outboard Motor Technician, Marine Service Technician, Marine Mechanic, Small Engine Technician, Dock Attendant/Dock Hand, Marine Fuel Dock Attendant

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Continue your education to obtain this technical diploma.

Marine Repair Technician

Technical Diploma

41 Credits / 3 Semesters Full Time

Potential Careers

Inboard Engine Technician, Outboard Motor Technician, Boat Rigging Technician, Electronic Equipment Installation Technician, Marine Sales Representative, Marine Service Technician, Marine Service Supervisor

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Continue your education to obtain a bachelor's degree.

BEYOND Northwood Tech
Transfer Options

UW-Stout

Important Notes on Transferring:

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- The college listed has developed a Technical Diploma to Bachelor Degree Articulation Agreement with Northwood Tech

- To learn how your education, or previous college credits, will transfer, talk to a transfer coordinator, at any of the four year colleges listed, to learn how to maximize your credit transfer opportunities

- Transferology, **www.transferology.com**, or Transfer Evaluation System (TES), may be helpful tools to assist your transfer process

Marine Repair Technician (unique in WI)
Technical Diploma - 3 semesters (financial aid eligible)

Marine Repair Technician (unique in WI)
Technical Diploma - 3 semesters (financial aid eligible)

Campus: Ashland

The student will be prepared for a career in the marina and marine service and repair business.

Graduates of the Marine Repair Technician program find great demand for their skills. Typical positions available after graduation include:

- Inboard Engine Technician
- Outboard Motor Technician
- Boat Rigging Technician
- Electronic Equipment Installation Technician
- Marine Sales Representative
- Marine Service Technician
- Marine Service Supervisor

Estimated Program Cost: $ 7,204 - Tuition and fees.

Average Monthly Salary: $3,230*

*Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
31461314	Outboard Motors	5 cr.
31461315	Marine Electricity/Electronics	2 cr.
31461330	Marine Welding	1 cr.
31461317	Marine Engine Systems	5 cr.
31461318	Outboard Gear Cases/Rigging	5 cr.
31461319	Sterndrive Systems	5 cr.
31461321	Introduction to Can-Bus Systems	2 cr.
31461322	Inboard Engines	5 cr.
31461323	Inboard Transmission Systems	2 cr.
31461325	Marine Diesel	1 cr.
31461326	Marine Engine Computer Control Systems	4 cr.
Occupational Specific Total		37 cr.
Occupational Supportive Courses		
32801361	Applied Communications	2 cr.
32804303	Applied Math	2 cr.
Occupational Supportive Total		4 cr.
PROGRAM REQUIREMENTS		**41 cr.**

Power Sports Technician
Technical Diploma - 1 year (financial aid eligible)

Campus: New Richmond

The Power Sports Technician program will prepare the student to troubleshoot, service, and repair recreational equipment. Theories of construction and operation of two- and four-cycle engines, new developments in environmental concerns, and engine overhaul are studied, as well as transmissions and chassis service techniques.

Typical positions available after graduation include:

- Motorcycle, Marine, and Outdoor Power Products Technician
- Motorcycle Technician
- Outboard Motor Technician
- Power Sports Technician
- Chainsaw Technician
- Lawn and Garden Equipment Technician
- ATV Technician
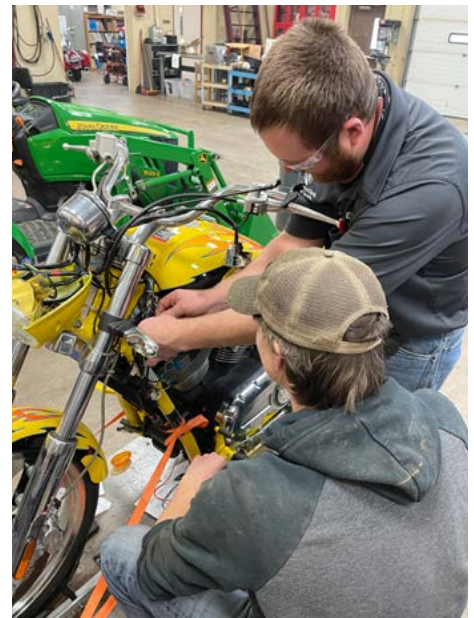- Industrial Equipment Technician
- Partsperson
- Small Engine Shop Owner

Estimated Program Cost: $5,136 - Tuition and fees.

Average Monthly Salary: $3,230*

*Average monthly salaries marked with an asterisk were reported using aggregated statewide graduate outcomes data because there were less than three related, full-time salaries reported by Northwood Tech graduates

Curriculum

Number	Course Title	Credits
Occupational Courses		
31461301	Engine and Chassis Repair 1	5 cr.
31461302	Engine and Chassis Repair 2	4 cr.
31461310	Introduction to 12-Volt Electrical Theory	1 cr.
31461312	Introduction to Hydraulics	1 cr.
31461335	Gas and Diesel Engine Theory	2 cr.
31461339	Marine Service	5 cr.
31461342	Motorcycle Service	3 cr.
31461343	ATV Service	3 cr.
32442307	Welding for Mechanics	2 cr.
Occupational Specific Total		26 cr.
Occupational Supportive Courses		
32801361	Applied Communications	2 cr.
32804303	Applied Math	2 cr.
Occupational Supportive Total		4 cr.
PROGRAM REQUIREMENTS		**30 cr.**

Transportation, Distribution and Logistics

75

Professional truck drivers are responsible for the safe, efficient delivery of goods between locations. Spend time behind the wheel learning how to maneuver trucks in a variety of real-world scenarios. You will develop backing and driving skills through classroom, lab, range and roadway experiences.

Typical positions available after graduation include:

- Company Driver/Owner Operator
- Driver Manager
- Driver Mentor
- Local/Regional/Long Distance Driver
- Recruiting Specialist
- Dispatch Driver
- Over-the-Road Truck Driver
- Straight Truck Driver (Dump, Cement, Delivery)

Estimated Program Cost: $2,073- Tuition and fees.

Employed full-time in related field: 100%

Average Monthly Salary: $4,804

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
30458304	Truck Driving – Semi Level 1	3 cr.
30458305	Truck Driving – Semi Level 2	3 cr.
30458303	Truck Driving – Semi Level 3	4 cr.
		10 cr.
PROGRAM REQUIREMENTS		**10 cr.**

Transportation, Distribution and Logistics

General Studies offers courses in communication, mathematics, science, social science, and behavioral science that provide the foundation for degree, certificate, and diploma programs at Northwood Tech.

General Studies Courses
Communications
10801136 English Composition 1
10801196 Oral/Interpersonal Communication
10801197 Technical Reporting
10801198 Speech
32801361 Applied Communications
32801362 Advanced Communication Skills
10838104 Intro to College Reading
76851740 Writing Foundations
76851750 Writing Foundations for Trades
76858740 Reading Foundations
99831900 Writing Essentials

Mathematics
10804107 College Mathematics
10804113 College Technical Mathematics 1A
10804114 College Technical Mathematics 1B
10804118 Intermediate Algebra with Applications
10804123 Math with Business Applications
10804133 Mathematics and Logic
10804138 Math for Health Professionals
10804189 Introductory Statistics
10804196 Trigonometry with Applications
10834109 Pre-Algebra
20804224 College Algebra with Applications
32804303 Applied Math

32804313 Applied Math 2
32804325 Applied Technical Math 1
32804334 Applied Technical Math 2
32804335 Advanced Technical Math
76854745 Math Foundations
76854740 Math Foundations for Health
76854750 Math Foundations for Trades

Science
10806105 Principles of Animal Biology
10806112 Principles of Sustainability
10806114 General Biology
10806134 General Chemistry
10806140 Chemistry
10806175 Pathophysiology
10806177 General Anatomy and Physiology
10806179 Advanced Anatomy and Physiology
10806197 Microbiology
10806198 Human Biology

Social Science
10809122 Introduction to American Government
10809143 Microeconomics
10809144 Macroeconomics
10809166 Introduction to Ethics: Theory and Application
10809172 Introduction to Diversity Studies
10809195 Economics
10809196 Introduction to Sociology

Behavioral Science
10809159 Abnormal Psychology
10809188 Developmental Psychology
10809198 Introduction to Psychology
32809380 Applied Interpersonal Skills

Interdisciplinary
10835103 Study Skills
10890116 Job Quest
30890320 Working Smart
76890765 Study Skills for Allied Health

Academic Support Courses
Various levels of coursework are offered in the following areas:

• English
• Social Studies
• Science
• Reading
• Mathematics
• English Language Learning (ELL)
• Civics
• Health
• Employability Skills
• GED/HSED Orientation

General Studies

Program Overview

With the University Transfer Degree - Associate to Bachelor's/Arts program, you will receive the cost savings and convenience of a liberal arts transfer degree while taking your classes Online or Online Live. The University Transfer Degree - Associate to Bachelor's/Arts program is an academic partnership with UW-Superior. However, Northwood Tech awards the degree and financial aid is awarded by Northwood Tech.

Upon completion of this program, you'll be able to transfer to most public or private colleges and universities, both inside and outside of Wisconsin. Up to 72 credits may transfer to satisfy university general education requirements (additional courses may be needed for specific majors or licensure requirements). Completion of the full University Transfer Degree - Associate to Bachelor's/Arts degree allows for maximum transfer. Typical transfer areas of study include English, Art, Humanities, Modern Language, and Communication.

Estimated Program Cost: $11,054 - Tuition and fees.

Career Goal

Potential programs of study that your University Transfer Degree - Associate to Bachelor's/Arts program could transfer into include:

- Business
- Communication
- Criminal Justice
- Education
- English
- History
- Humanities
- Political Science
- Economics
- Psychology
- Sociology

University Transfer

University Transfer Degree - Associate to Bachelor's/Arts Curriculum

Number	Course Title	Credits (cr.)

ENGLISH - 6 Credits Required
Northwood Tech Courses:

| 10801136 | English Composition 1 | 3 cr. |
| 10801197 | Technical Reporting | 3 cr. |

UW - Superior Courses:

| WRIT 102 | Introduction to Academic Writing | 3 cr. |
| WRIT 209 | Introduction to Professional Writing | 3 cr. |

SPEECH - 3 Credits Required
Northwood Tech Courses:

| 10801198 | Speech | 3 cr. |
| 10801196 | Oral/Interpersonal Communication | 3 cr. |

UW - Superior Courses:

| COMM 110 | Introduction to Communication | 3 cr. |
| COMM 211 | Interpersonal Communication | 3 cr. |

HUMANITIES - 12 Credits Required
Northwood Tech Course:

| 10809166 | Introduction to Ethics: Theory and Application | 3 cr. |

UW - Superior Courses:

PHIL 211	Contemporary Moral Problems	3 cr.
HIST 111	Modern World History	3 cr.
HIST 151	US History to 1877	3 cr.
HIST 152	The United States Since 1877	3 cr.
ENGL 228	Multi-Ethnic American Literature (DV)	3 cr.
ENGL 229	Literature by Women (DV)	3 cr.
ENGL 241	World Literature I	3 cr.
ENGL 242	World Literature II	3 cr.
FREN 101	Beginning French 1	3 cr.
MUSI 161	Music and World Culture (DV)	3 cr.
PHIL 151	Introduction to Philosophy	3 cr.
JAPA 101	Beginning Japanese 1	3 cr.
SPAN 101	Spanish 101	3 cr.

SOCIAL SCIENCE - 12 Credits Required
Northwood Tech Courses:

10809122	Introduction to American Government	3 cr.
10809143	Microeconomics	3 cr.
10809144	Macroeconomics	3 cr.
10809195	Economics	3 cr.
10809196	Introduction to Sociology	3 cr.
10809198	Introduction to Psychology	3 cr.
10809159	Abnormal Psychology*	3 cr.
10809188	Developmental Psychology	3 cr.

UW - Superior Courses:

POLS 230	U.S. National, State and Local Government	3 cr.
ECON 235	Economics in Society	3 cr.
ECON 250	Principles of Microeconomics	3 cr.
ECON 251	Principles of Macroeconomics	3 cr.
SOCI 101	Introduction Sociology	3 cr.
PSYC 101	Introduction Psychology	3 cr.
PSYC 362	Psychological Disorders	3 cr.
GEOG 100	World Regional Geography (DV)	3 cr.
PSYC 230	Social Cognition	3 cr.

MATHEMATICS AND NATURAL SCIENCE -10 Credits Required

(Requires a minimum of 10 total credits in math and natural science)

MATHEMATICS - 3-4 Credits Required

(Must include 3-4 credits at level of Intermediate Algebra or above. Or Quantitative Reasoning or equivalent, or 4-6 credits in Math for Elementary Teachers (Education Students only))

Northwood Tech Math Courses:

10804118	Intermediate Algebra with Applications	4 cr.
20804224	College Algebra with Applications*	4 cr.
10804189	Introductory Statistics*	3 cr.
10804196	Trigonometry with Applications*	3 cr.

UW -Superior Math Courses:

MATH 130	Elementary Statistics	4 cr.
MATH 115	Precalculus	5 cr.
MATH 113	Algebra with Applications	3 cr.
MATH 151	Calculus for Business, Life and Social Sciences	3 cr.

NATURAL SCIENCE - 7-8 Credits Required

(One lab course required)

Northwood Tech Natural Science Courses:

10806112	Principles of Sustainability	3 cr.
10806114	General Biology (lab)	4 cr.
10806134	General Chemistry (lab)	4 cr.
10806177	General Anatomy & Physiology (lab)	4 cr.
10806179	Advanced Anatomy & Physiology*(lab)	4 cr.
10806197	Microbiology* (lab)	4 cr.
10806198	Human Biology (lab)	4 cr.

UW-Superior Natural Science Courses:

BIOL 123	Concepts in Biology	4 cr.
BIOL 270	Human Anatomy & Physiology I (LS)	4 cr.
BIOL 280	Human Anatomy & Physiology II (LS)	4 cr.
BIOL 355	Microbiology	3 cr.
BIOL 115	Human Biology (LS)	4 cr.
PHYS 100	Astronomy (LS)	4 cr.
PHYS 107	Algebra-Based Physics 1	4 cr.
PHYS 160	Physical Science	4 cr.

HEALTH/WELLNESS/PHYSICAL EDUCATION - 1 Credit Required
UW-Superior Course:

| HHP 102 | Health and Wellness | 3 cr. |

WORLD/FOREIGN LANGUAGE - 4 Credits Required

(May be met with one year high school, with a grade of "C" or better, or one semester in college)

UW-Superior Courses:

FREN 101	Beginning French 1	3 cr.
FREN 102	Beginning French 2	3 cr.
JAPA 101	Beginning Japanese 1	3 cr.
JAPA 102	Beginning Japanese 2	3 cr.
SPAN 101	Spanish 101	3 cr.
SPAN 102	Spanish 102	3 cr.

DIVERSITY & ETHNIC STUDIES - 3 Credits Required

(Courses that meet this requirement may also count toward Humanities or Social Science.)

Northwood Tech Course:

| 10809172 | Introduction to Diversity Studies | 3 cr. |

UW-Superior Courses:

SOCI 273	Race and Ethnicity	3 cr.
ART 224	Visual Arts in Non-Western Societies	3 cr.
ART 221	Art History Survey: The Ancient World to the Renaissance	4 cr.
ART 222	Art History Survey: Renaissance to Modern Art	4 cr.
ENGL 228	Multi-Ethnic American Literature	3 cr.
ENGL 229	Literature by Women	3 cr.
GEOG 100	World Regional Geography	3 cr.
MUSI 161	Music and World Culture	3 cr.

ELECTIVES - 10 Credits Required

(Select any college transfer courses beyond the minimum requirements. Two credits of health and physical education beyond the Health/Wellness/Physical Education credit may be selected.)

PROGRAM REQUIREMENTS   61 cr.

Student must take both BIO 270 Human Anatomy & Physiology I and BIO 280 Human Anatomy & Physiology II to transfer in for 10806177 General Anatomy & Physiology and 10806179 Advanced Anatomy & Physiology.

UW-Superior course descriptions are available in the UW-Superior College Catalog.

*Requires a prerequisite and/or corequisite that must be completed with a 2.0 or better.

KEY: LS: Lab Science Requirement; DV: Diversity Requirement; ES: Environmental Science Requirement

^These courses have a recognized substitution as part of the University of Wisconsin (UW) / Wisconsin Technical College System (WTCS) Universal Credit Transfer Agreement (UCTA).

Program Overview

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Upon completion of this program, you'll be able to transfer to most public or private colleges and universities, both inside and outside of Wisconsin. Up to 72 credits may transfer to satisfy university general education requirements (additional courses may be needed for specific majors or licensure requirements). Completion of the full University Transfer Degree - Associate to Bachelor's/Science degree allows for maximum transfer. Typical transfer areas of study include Science, Engineering, Business, Health, or Technology.

Estimated Program Cost: $11,054 - Tuition and fees.

Career Goal

Potential programs of study students completing the University Transfer Degree - Associate to Bachelor's/Science program could transfer into include:

- Accounting
- Biology
- Business Administration
- Chemistry
- Computer Science
- Economics
- Environmental Science
- Finance
- Health Care
- Horticulture
- Information Technology
- Management
- Marketing
- Mathematics
- Medicine
- Physics
- Science

University Transfer Degree - Associate to Bachelor's/Science Curriculum

Number	Course Title	Credits (cr.)

ENGLISH - 6 Credits Required
Northwood Tech Courses:
| 10801136 | English Composition 1 | 3 cr. |
| 10801197 | Technical Reporting | 3 cr. |

UW - Superior Courses:
| WRIT 102 | Introduction to Academic Writing | 3 cr. |
| WRIT 209 | Introduction to Professional Writing | 3 cr. |

SPEECH - 3 Credits Required
Northwood Tech Courses:
| 10801198 | Speech | 3 cr. |
| 10801196 | Oral/Interpersonal Communication | 3 cr. |

UW - Superior Courses:
| COMM 110 | Introduction to Communication | 3 cr. |

HUMANITIES - 6 Credits Required
Northwood Tech Course:
| 10809166 | Introduction to Ethics: Theory and Application | 3 cr. |

UW - Superior Courses:
PHIL 211	Contemporary Moral Problems	3 cr.
HIST 111	Modern World History	3 cr.
HIST 151	US History to 1877	3 cr.
HIST 152	The United States Since 1877	3 cr.
ENGL 228	Multi-Ethnic American Literature (DV)	3 cr.
ENGL 229	Literature by Women (DV)	3 cr.
ENGL 241	World Literature I	3 cr.
ENGL 242	World Literature II	3 cr.
FREN 101	Beginning French 1	3 cr.
MUSI 161	Music and World Culture (DV)	3 cr.
PHIL 151	Introduction to Philosophy	3 cr.
JAPA 101	Beginning Japanese 1	3 cr.
SPAN 101	Spanish 101	3 cr.

SOCIAL SCIENCE - 6 Credits Required
Northwood Tech Courses:
10809122	Introduction to American Government	3 cr.
10809143	Microeconomics	3 cr.
10809144	Macroeconomics	3 cr.
10809195	Economics	3 cr.
10809196	Introduction to Sociology	3 cr.
10809198	Introduction to Psychology	3 cr.
10809159	Abnormal Psychology*	3 cr.
10809188	Developmental Psychology	3 cr.

UW - Superior Courses:
POLS 230	U.S. National, State and Local Government	3 cr.
ECON 235	Economics in Society	3 cr.
ECON 250	Principles of Microeconomics	3 cr.
ECON 251	Principles of Macroeconomics	3 cr.
SOCI 101	Introduction Sociology	3 cr.
PSYC 101	Introduction Psychology	3 cr.
PSYC 362	Psychological Disorders	3 cr.
GEOG 100	World Regional Geography (DV)	3 cr.
PSYC 230	Social Cognition	3 cr.

MATHEMATICS AND NATURAL SCIENCE - 20 Credits Required
(Requires a minimum of 20 total credits in math and natural science)

MATHEMATICS
(Mathematics at the level of College Algebra, Statistics, Quantitative Reasoning or higher)
Northwood Tech Math Courses:
10804118	Intermediate Algebra with Applications	4 cr.
20804224	College Algebra with Applications*	4 cr.
10804189	Introductory Statistics*	3 cr.
10804196	Trigonometry with Applications*	3 cr.

UW -Superior Math Courses:
MATH 130	Elementary Statistics	4 cr.
MATH 115	Precalculus	5 cr.
MATH 113	Algebra with Applications	3 cr.
MATH 151	Calculus for Business, Life and Social Sciences	3 cr.

NATURAL SCIENCE
(Must include 2 lab courses, one from each of 2 different science disciplines)
Northwood Tech Natural Science Courses:
10806112	Principles of Sustainability	3 cr.
10806114	General Biology (lab)	4 cr.
10806134	General Chemistry (lab)	4 cr.
10806177	General Anatomy & Physiology (lab)	4 cr.
10806179	Advanced Anatomy & Physiology* (lab)	4 cr.
10806197	Microbiology* (lab)	4 cr.
10806198	Human Biology (lab)	4 cr.

UW-Superior Natural Science Courses:
BIOL 123	Concepts in Biology	4 cr.
BIOL 270	Human Anatomy & Physiology I (LS)	4 cr.
BIOL 280	Human Anatomy & Physiology II (LS)	4 cr.
BIOL 355	Microbiology	3 cr.
BIOL 115	Human Biology (LS)	4 cr.
PHYS 100	Astronomy (LS)	4 cr.
PHYS 107	Algebra-Based Physics 1	4 cr.
PHYS 160	Physical Science	4 cr.

HEALTH/WELLNESS/PHYSICAL EDUCATION - 1 Credit Required
UW-Superior Course:
| HHP 102 | Health and Wellness | 3 cr. |

WORLD/FOREIGN LANGUAGE - 4 Credits Required
(May be met with one year high school, with a grade of "C" or better, or one semester in college)
UW-Superior Courses:
FREN 101	Beginning French 1	3 cr.
FREN 102	Beginning French 2	3 cr.
JAPA 101	Beginning Japanese 1	3 cr.
JAPA 102	Beginning Japanese 2	3 cr.
SPAN 101	Spanish 101	3 cr.
SPAN 102	Spanish 102	3 cr.

DIVERSITY & ETHNIC STUDIES - 3 Credits Required
(Courses that meet this requirement may also count toward Humanities or Social Science.)
Northwood Tech Course:
| 10809172 | Introduction to Diversity Studies | 3 cr. |

UW-Superior Courses:
SOCI 273	Race and Ethnicity	3 cr.
ART 224	Visual Arts in Non-Western Societies	3 cr.
ART 221	Art History Survey: The Ancient World to the Renaissance	4 cr.
ART 222	Art History Survey: Renaissance to Modern Art	4 cr.
ENGL 228	Multi-Ethnic American Literature	3 cr.
ENGL 229	Literature by Women	3 cr.
GEOG 100	World Regional Geography	3 cr.
MUSI 161	Music and World Culture	3 cr.

ELECTIVES - 12 Credits Required
(Select any college transfer courses beyond the minimum requirements. Two credits of health and physical education beyond the Health/Wellness/Physical Education credit may be selected.)

PROGRAM REQUIREMENTS   **61 cr.**

Student must take both BIO 270 Human Anatomy & Physiology I and BIO 280 Human Anatomy & Physiology II to transfer in for 10806177 General Anatomy & Physiology and 10806179 Advanced Anatomy & Physiology.

*Requires a prerequisite and/or corequisite that must be completed with a 2.0 or better.

UW-Superior course descriptions are available in the UW-Superior College Catalog.

KEY: LS: Lab Science Requirement; DV: Diversity Requirement; ES: Environmental Science Requirement

^These courses have a recognized substitution as part of the University of Wisconsin (UW) / Wisconsin Technical College System (WTCS) Universal Credit Transfer Agreement (UCTA).

University Transfer

Blaze

"We're really excited to announce the arrival of Blaze to the public and to start having Blaze appear at our campus events and student skills competitions. Blaze represents our students and symbolizes their hard work and resilience. We wanted a symbol to capture the spirit of our students and recognize their successes."

–John Will, Northwood Tech President

Visit a campus and talk to students and staff to see if Northwood Tech is the right fit for you. If you have any questions, please ask. Faculty and staff are standing by to support you on your journey to Experience Success!

Northwood
Technical College

Ashland
2100 Beaser Ave.
Ashland, WI 54806
715.682.4591
fax 715.682.8040

Career Specialist
715.319.7284

Admissions Advisor
715.685.3039

Financial Aid Advisor
715.319.7280

Accommodation Specialist
715.685.3014

New Richmond
1019 South Knowles Ave.
New Richmond, WI 54017
715.246.6561
fax 715.246.2777

Career Specialist
715.246.1826

Admissions Advisor
715.752.8119

Financial Aid Advisor
715.246.1824

Accommodation Specialist
715.246.1821

Rice Lake
1900 College Dr.
Rice Lake, WI 54868
715.234.7082
fax 715.234.1241

Career Specialist
715.788.7140

Admissions Advisor
715.788.7144

Financial Aid Advisor
715.645.7063

Accommodation Specialist
715.788.7142

Superior
600 North 21st St.
Superior, WI 54880
715.394.6677
fax 715.394.3771

Career Specialist
715.319.7306

Admissions Advisor
715.319.7331

Financial Aid Advisor
715.319.7370

Accommodation Specialist
715.319.7307

Balsam Lake Outreach Center
400 Polk County Plaza
Balsam Lake, WI 54810
715.485.3044
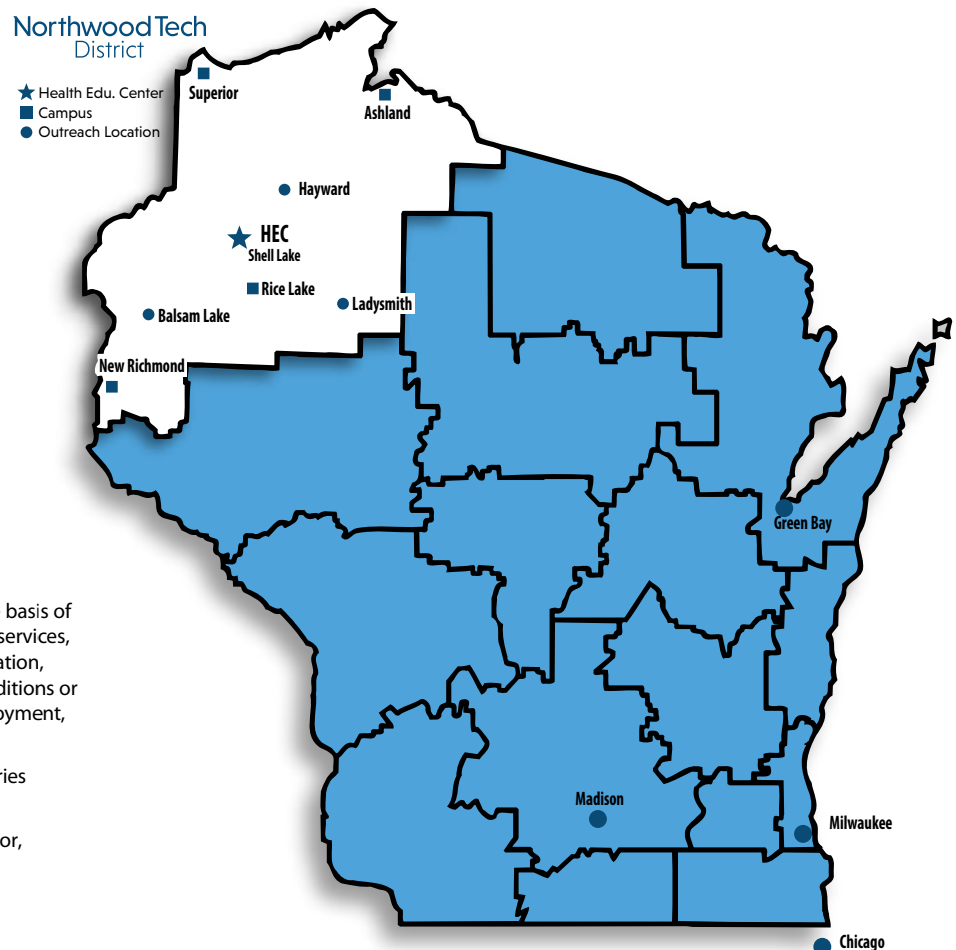fax 715.246.2777

Hayward Outreach Center
15618 Windrose Lane, Suite 106
Hayward, WI 54843
715.634.5167
fax 715.634.8387

Ladysmith Outreach Center
1104 Lake Ave. W. Suite #1
Ladysmith, WI 54848
715.532.3399
fax 715.532.5483

Shell Lake Health Ed Center
505 Pine Ridge Drive
Shell Lake, WI 54871
715.468.2815
fax 715.629.1286

Northwood Technical College does not discriminate on the basis of race, color, ancestry, religion, sex, service in the uniformed services, veteran status, national origin, age, disability, sexual orientation, marital or family status, pregnancy, pregnancy-related conditions or status in any group protected by state or local law in employment, admissions or its programs or activities.

The following person has been designated to handle inquiries regarding the College's nondiscrimination policies:

Amanda Gohde, AA/EEO Officer/Title IX Coordinator/Director, Human Resources
1900 College Drive
Rice Lake, WI 54868
715.645.7042
Wisconsin Relay System TTY:711