



Northwood
Technical College



**2024-2025
View Book**



98%

of graduates were satisfied with the training they received at Northwood Tech.



\$51,781

average yearly salary 6 months after graduation



TRANSFER

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

GETTING STARTED IS EASY



Start to **Blaze Your Own Trail** in less than 15 minutes when you apply at Northwood Tech.

Step 1:

Apply Online

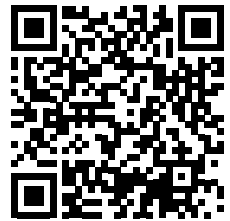
Visit NorthwoodTech.edu and select [Apply](#) or scan the QR-code with a smartphone camera to get started.



Step 2:

Review Academic Admissions Requirements

Scan the QR-code with a smartphone camera to see which programs have requirements or visit "Academic Admissions Requirements" at NorthwoodTech.edu/Apply.



Step 3:

Connect with Student Services

Our Admissions Advisors will reach out via phone and/or email to schedule your admissions meeting, or you can contact us. Scan the QR-code with a smartphone camera for campus contact information or call **800.243.9482**.



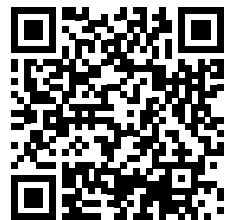
Northwood Tech Application Dates

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

Scan the QR-code with a smartphone camera for additional information or visit "Before You Apply" at NorthwoodTech.edu/Apply.





Northwood Tech LOCATIONS



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.

Health Education Center

The Shell Lake facility provides a high-tech, centrally located learning environment for health science program students from all four campuses. Here, students master real-life healthcare competencies, resulting in highly trained healthcare professionals who will provide quality care in our communities.



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. Cedar Side Walking Trail, which follows the Red Cedar River for 3.5 miles, is located directly in the Rice Lake campus' backyard. Eagles, deer, and other wildlife regularly visit the trail.

Outreach Centers

Get a start on select programs and classes and have access to Northwood Tech services without the commute to campus.

Locations:

- Balsam Lake
- Hayward
- Ladysmith



Superior

Superior is nestled on the western tip of Lake Superior directly south, across the bridge from Duluth, Minnesota. It is known for its access to the largest freshwater lake in the world, and 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. Learn about 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 program shadow. Call 800.243.9482 or online at: NorthwoodTech.edu/visit

> Campus Tour

Tours 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 at Northwood Tech and see your future through your program shadow. Find out what it's really like day-to-day before you commit to a program. Participate in one or more activities, talk to instructors and students, and see how you can experience success.

> 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, spouse or a child 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

NorthwoodTech.edu/veterans

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 for housing assistance.



The Northwood Tech **ADVANTAGE**

"Your generosity has allowed me to focus on my education and decrease my time at work. My time at Northwood Technical College has allowed me to find my passion for helping others. I love helping others and being a resource in their success. Over the summer, I accepted a position as a tribal vocational rehabilitation counselor. I can owe this success to my time at Northwood Technical College. After graduation, I plan to continue my studies to obtain my bachelor's degree. I am genuinely grateful for the support you have offered me with this scholarship. With your contribution, I can make my dream a reality. Thank you again from the bottom of my heart. I will always be grateful to you."

Erin, Fall 2022 recipient

A Top-Ranked Education that Pays

According to those who responded to our 2021-2022 graduate follow-up survey:



98% of our graduates are satisfied with the training they received at the college.



94% of our graduates are employed, with 78% in an occupation related to their training.



Northwood Tech graduates earn an average of \$51,781 annually.

Northwood Tech is Affordable

Tuition at Northwood Tech averages about \$4,600 per year compared to nearly \$8,200 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) at studentaid.gov. Students must apply for financial aid annually.

► Scholarships

Over the last 5 years we have averaged 534 awarded scholarships and an average of \$244,000 each year. That is over 1.2 million dollars over that last 5 years. 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 counselor about options or visit NorthwoodTech.edu/start-college-in-high-school. For more details and options:

- Transcribed 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, Chamberlain University, Franklin University, Herzing University, Grand Canyon University and University of Arkansas Grantham.

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 helpful support for students, faculty, and staff. There are key areas to help support your success in research, technology, math, writing, and more.

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

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 (listed on back cover) at the Northwood Tech campus you would like to attend.



Blaze Your Own Trail.

Programs Arranged by CAREER CLUSTER

Programs	Online	Ashland	New Richmond	Rice Lake	Superior	Outreach Center
Agriculture, Food and Natural Resources p9						
Agricultural Power and Equipment Technician						
Farm Operation						
Veterinary Technician						
Architecture and Construction p12						
Architectural Commercial Design*						
Architectural Woodworking/Cabinetmaking						
Construction and Cabinetmaking*						
Construction Essentials ♦						
Drafting Technician						
Heating, Ventilation, and Air Conditioning/Refrigeration						
HVAC Installation Technician						
Refrigeration Essentials						
Utility Construction Technician*						
Business, Management & Administration • Finance p20						
Accounting						
Accounting Assistant						
Administrative Coordinator						
Billing and Posting Clerk						
Business Management						
Customer Service Manager						
Financial Services						
Financial Services Customer Representative						
Health Office Professional						
Healthcare Receptionist						
Human Resource Management						
Human Resources and Payroll Generalist						
Leadership Development						
Leadership Essentials						
Medical Administrative Professional						
Medical Billing Specialist						
Microsoft Office						
Nonprofit Leadership						
Nonprofit Professional*						
Office Support Specialist						
Office Technology Assistant						
Education and Training p36						
Early Childhood Education						
E-CHILD						
E-Connect - Child Care Services						
General Studies p38						
General Studies						
Health Science p39						
Dental Assistant						
Gerontology - Aging Services Professional						
Health Information Technology						
Medical Assistant						
Medical Coding Specialist						
Nursing - Associate Degree						
Nursing - Associate Degree - Part Time						
Nursing Assistant						
Occupational Therapy Assistant						
Hospitality and Tourism p48						
Hospitality Foundations						
Human Services p49						
Community-Based Residential Facility (CBRF) Caregiver						
Cosmetology						
Funeral Service (shared with MATC)						
Human Services Associate						
Substance Abuse Counselor Education						
Individualized Studies p52						
Individualized Technical Studies						
Technical Studies - Journeyworker						
Information Technology p54						
IT - Cybersecurity Specialist						
IT - Systems Administration Specialist						
IT - Web and Software Developer						
Law, Public Safety and Security p58						
Advanced EMT						
Criminal Justice - Law Enforcement 720 Academy						
Criminal Justice Studies						
Emergency Medical Technician						
Emergency Medical Technician - Paramedic						
Paramedic Technician						
Manufacturing p62						
Automated Packaging Systems Technician*						
Automation for Industrial Systems*						
Industrial Maintenance Technician						
Industrial Systems Specialist*						
Machine Tool Operation						
Machine Tool Operation - CNC						
Machine Tool Technician						
Machine Tooling Technics						
Mechatronics Basics* ♦						
Welding						
Transportation, Distribution and Logistics p74						
Automotive Service Technician						
Automotive Technician						
Diesel Equipment Technician						
Marine Repair Technician*						
Power Sports Technician						
Truck Driving - CDL A						
University Transfer p79						
University Transfer Degree - Associate to Bachelor's/Arts						
University Transfer Degree - Associate to Bachelor's/Science						

Program information subject to change. Visit NorthwoodTech.edu.

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

* Unique in Wisconsin

♦ Custom Program, see page 7

Certificates

Certificates

Certificates	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 Finance p20						
Business Administration Specialist						
Business Graphics						
Customer Service Specialist						
Management Certificate						
Nonprofit Essentials*						
Supervisory Leadership						
Tax Preparer Assistant						
Education and Training p36						
Group Child Care Essentials						
Professional Credential for Infants/Toddlers (Wisconsin)						
Health Science p39						
Dementia Care*						
Gerontology for Professionals*						
Personal Care Worker						
Pharmacy Technician						
Phlebotomy						
Transportation, Distribution and Logistics p74						
Advanced Marine Repair Technician*						

Apprenticeships

Apprenticeships

Apprenticeships	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 journey person rate.

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

94%


of Northwood Tech's 2021-22 graduates who sought employment are employed.



Custom Programs

The continuing education department offers a number of credit programs through a variety of custom delivery options. Mobile site delivery allows 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. Northwood Tech also offers opportunities for digital badging. 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.



"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

Blaze

Northwood Tech PROGRAMS

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: \$10,341 - Tuition and fees.

Employed full-time in related field: 100%

Average monthly salary: \$4,138

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.



Farm Operation Pathway

You can take this first and earn 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 earn 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 earn a bachelor's degree.

Transfer Center



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

Campuses: Ashland*, New Richmond* Rice Lake*, 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: \$4,561 - Tuition and fees.

*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.
TOTAL PROGRAM REQUIREMENTS		27 cr.



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 can 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 earn a bachelor's degree.

Transfer Center



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: \$11,390 - Tuition and fees.

Employed full-time in related field: 60%

Average monthly salary: \$3,342

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

Technical Studies Courses

Number	Course Title	Credits
10091100	Animal Care and Management	3 cr.
10091101	Veterinary Business Practices	3 cr.
10091102	Veterinary Medical Terminology	2 cr.
10091103	Clinical Procedures 1 for Vet Sciences	4 cr.
10091104	Clinical Procedures 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.

10091110	Veterinary Technician Clinical Internship 1	2 cr.
10091111	Veterinary Technician Clinical Internship 2	2 cr.
10091112	Veterinary Technician Certification Review	3 cr.
10091113	Anesthesia and Dentistry for Veterinary Sciences	3 cr.
10091114	Veterinary Technician Clinical Internship 3	4 cr.
10091120	Large Animals and Non-Traditional Pets Technical Studies Total	3 cr.
		45 cr.

General Studies Courses

10801136	English Composition 1	3 cr.
10801198	Speech or	
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.

TOTAL PROGRAM REQUIREMENTS

65 cr.

Architectural Commercial Design Pathway

You can take this first and earn a credential.

Drafting Technician

Technical Diploma
26 Credits / 1 Year Full Time

Potential Careers

Designer, CAD Technician, CAD Designer

Continue your education to earn an associate degree.

Architectural Commercial Design

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

Potential Careers

CAD Technician, Store Planner, Design Technician, CAD Technician, Architectural Technician, BIM Technician

Continue your education to earn a bachelor's degree.

Transfer Center



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

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:

- Architectural Technician
- BIM Technician
- CAD Technician
- Design Technician
- Store Planner

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

- CAD Manager
- BIM Manager
- Project Manager
- Architect

Estimated program cost: \$10,225 - Tuition and fees.

Employed full-time in related field: 100%**

Average monthly salary: \$4,059**

*Join your classes through the Internet live from anywhere (through Online Live). Connect with your instructor and classmates during live classes via the web.

**2021 Graduate Follow-Up Survey Data

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 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:

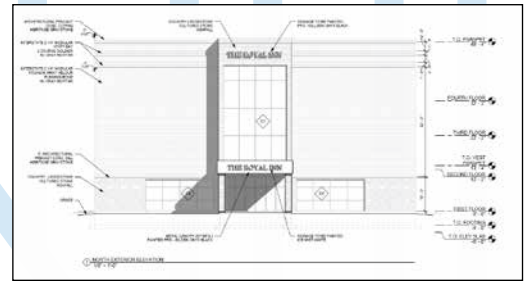
- Cabinet Installer
- Cabinetmaker
- Machine Operator
- Furniture Maker
- Interior Finish Carpenter

Estimated program cost: \$5,246 - Tuition and fees.

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.
TOTAL PROGRAM REQUIREMENTS		29 cr.

Architectural Commercial Design

Student Projects and Illustrations



Architecture and Construction



Construction and Cabinetmaking Pathway

You can take this first and earn 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 earn 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,
Drafter, Material Handling Specialist, Interior/Exterior Finisher

Continue your education to earn a bachelor's degree.

Transfer Center



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
- Drafter
- Material Handling Specialist
- Interior/Exterior Finisher

Estimated program cost: \$11,331 - Tuition and fees.

Employed full-time in related field: 100%*

Average monthly salary: \$4,738

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.

TOTAL PROGRAM REQUIREMENTS

62 cr.



Construction Essentials Technical Diploma - less than 1 year

Campus: Custom Delivery

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: \$1,540 - Tuition and fees.

Employed full-time in related field: 50%*

Average Annual Starting Salary: \$39,330**

* Program had fewer than 3 grads who reported employment related training and salary

**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 Occupational Specific Total	<u>2 cr.</u> 6 cr.
Occupational Supportive Courses		
32804325	Applied Technical Math 1	<u>3 cr.</u>
Occupational Supportive Total		3 cr.
TOTAL PROGRAM REQUIREMENTS		9 cr.

Drafting Technician Technical Diploma - 1 year (financial aid eligible)

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

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: \$4,206 - Tuition and fees.

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

*Join your classes through the Internet live from anywhere (through Online Live). Connect with your instructor and classmates during live classes via the web.

** Program had fewer than 3 grads who reported employment related training and salary

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	<u>3 cr.</u>
Occupational Specific Total		19 cr.
Occupational Supportive Courses		
10801196	Oral/Interpersonal Communication	3 cr.
10804118	Intermediate Algebra with Applications	<u>4 cr.</u>
Occupational Supportive Total		7 cr.
TOTAL PROGRAM REQUIREMENTS		26 cr.



Heating, Ventilation & Air Conditioning/Refrigeration Pathway

You can take this first and earn a credential.

Refrigeration Essentials

Technical Diploma
14 Credits / Less Than 1 Year

Potential Careers

Service Technician, Refrigeration Technician

Continue your education to earn 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 earn this technical diploma.

Heating, Ventilation & 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 earn a bachelor's degree.

Transfer Center



"I just want to let you know the education you gave me made me light years ahead of the techs who went to HVAC/R school in the metro area. Guys who graduated the same time as me are nowhere near where I am at for theory and understanding of these systems. Safe to say we have a superior program!"

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

Campus: Superior
Day and Evening Program Options Available

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: \$9,540 - Tuition and fees.

Employed full-time in related field: 71%

Average monthly salary: \$4,433

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.

TOTAL PROGRAM REQUIREMENTS **54 cr.**



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

Campus: Superior

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: \$4,671 - Tuition and fees.

Average monthly salary: \$4,423*

*Average monthly salaries from aggregated statewide graduate outcomes data.

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.

TOTAL PROGRAM REQUIREMENTS 27 cr.

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: \$2,434 - Tuition and fees.

Employed full-time in related field: 75%

Average monthly salary: \$4,116

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.

TOTAL PROGRAM REQUIREMENTS 14 cr.



Architecture and Construction



Utility Construction Technician Pathway

You can take this first and earn a credential.

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 earn this technical diploma.

Utility Construction Technician

Technical Diploma
28 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 earn a bachelor's degree.

Transfer Center



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: \$4,937 - Tuition and fees.

Employed full-time in related field: 75%

Average monthly salary: \$4,528

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.
30458310	CDL Permit Prep	1 cr.
31449305	Work Zone Safety and OSHA 10	3 cr.
31476308	Utility Construction Concerns	2 cr.
31476309	Aerial Installation Field Training	2 cr.
31476310	Broadband Installation	2 cr.
32476305	Construction Practices 1	4 cr.
32476306	Construction Practices 2	4 cr.
TOTAL PROGRAM REQUIREMENTS		28 cr.





"I was able to come into the real world workplace with a great base knowledge on how things worked but still left room for new things to be learned easily."

Accounting Pathway

You can take this first and earn 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 earn this technical diploma.

Accounting Assistant

Technical Diploma
30 Credits

Potential Careers

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

Continue your education to earn 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 earn a bachelor's degree.

Transfer Center



Professional Certification

Students are also able to pursue professional certifications

"Because of the flexible class delivery, I was able to start working full-time while finishing my degree."

Accounting Associate Degree - 2 years (financial aid eligible)

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

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

Potential careers available with further education include:

- Certified Public Accountant
- Accounting Manager

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

Estimated program cost: \$9,453 - Tuition and fees.

Employed full-time in related field: 57%

Average monthly salary: \$4,469

*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

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)

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

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
- Bookkeeper

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

Estimated program cost: \$4,736 - Tuition and fees.

Employed full-time in related field: 67%

Average monthly salary: \$3,869**

*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 from aggregated statewide graduate outcomes data.

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

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.



Administrative Coordinator Pathway

You can take this first and earn a credential.

Office Technology Assistant

Technical Diploma
19 Credits / Less Than 1 Year Part Time

Potential Careers

Customer Service Representative, Receptionist/Office Assistant

Microsoft Office

Technical Diploma
11 Credits / Less Than 1 Year Part Time

Potential Careers

Document Specialist, Program Assistant

You can take this first and earn a credential.

Office Support Specialist

Technical Diploma
29 Credits / 1 Year Full Time; Part Time Options Available

Potential Careers

Office Support Specialist, Receptionist/Secretary, Data Entry Operator, Customer Service Representative

Continue your education to earn this associate degree.

Administrative Coordinator

Associate Degree
60 credits

Potential Careers

Administrative Coordinator, Administrative Professional, Executive Assistant, Office Manager, Virtual Assistant

Continue your education to earn a bachelor's degree.

Transfer Center



Administrative Coordinator

Associate Degree - 2 years (financial aid eligible)

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

Outreach Centers: Balsam Lake*, Hayward*, 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
- Administrative Professional
- Executive Assistant
- Office Manager
- Virtual Assistant

Estimated program cost: \$9,832 - Tuition and fees.

Employed full-time in related field: 100%

Average monthly salary: \$3,967

*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.
10106123	Meeting and Event Planning	3 cr.
10106127	Desktop Publishing	2 cr.
10106129	Web and Social Media Technologies	3 cr.
10106139	Administrative Office Management	3 cr.
10106146	Document Management & Editing	3 cr.
10106166	Virtual Administrative Professional Capstone	3 cr.
10106199	Business Technology and Success	1 cr.

10106200	Software Integration	2 cr.
10106201	Modern Office Management	3 cr.
10890116	Job Quest	1 cr.
	Technical Studies Total	39 cr.

General Studies Courses		
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.
10809198	Introduction to Psychology	3 cr.
	General Studies Total	18 cr.

ELECTIVES	3 cr.
TOTAL PROGRAM REQUIREMENTS	60 cr.

Billing and Posting Clerk Technical Diploma - less than 1 year

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

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: \$2,066 - Tuition and fees.

Employed full-time in related field: 44%

Average monthly salary: \$4,850

*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		
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.
	Occupational Specific Total	13 cr.
TOTAL PROGRAM REQUIREMENTS		13 cr.

Business Administration Specialist Technical Certificate

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

This certificate will provide you with the well-rounded skills that are necessary to become an integral support employee in a business firm.

The Business Administration Specialist is a pathway into the following program:

- Business Management

Estimated program cost: \$2,839 - Tuition and fees.

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

Curriculum

Number	Course Title	Credits
10104198	Managing Human Resources or	
10116100	Human Resource Management	3 cr.
10105100	Introduction to Business	3 cr.
10105125	Business Law	3 cr.
10145101	Entrepreneurship	3 cr.
10196191	Supervision	3 cr.
10801197	Technical Reporting#	3 cr.
CERTIFICATE REQUIREMENTS		18 cr.



Business Graphics Technical Certificate

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

Learn the Adobe Creative Suite basics to create graphic based designs for your organization or update projects in place. Students will learn Photoshop, Desktop Publishing, and Web & Social Media skills to engage and attract customers via many marketing platforms and strategies. Numerous social media platforms, website builders, and design-based apps are introduced and used in the creative process while working on project-based designs.

After completing this certificate you will be ready to create, design, and edit business

graphics and be employed or assist in such fields as:

- Marketing
- Publication
- Advertising
- Web Design
- Administration
- Office Support
- Management
- Accounting/Finance

Estimated program cost: \$1,596 - 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
10103156	Adobe Photoshop	2 cr.
10106127	Desktop Publishing	2 cr.
10106129	Web and Social Media Technologies	3 cr.
10106147	Advanced Graphics Applications*	3 cr.
CERTIFICATE REQUIREMENTS		10 cr.

Business Management Pathways

You can take this first and earn a credential.

Customer Service Specialist

Technical Certificate
14 Credits

14 credits ladder into the Business Management - Marketing Emphasis (ME) program, of which three would count as elective credits

Business Administration Specialist

Technical Certificate
18 Credits / Less Than 1 Year Part Time

Potential Careers

18 credits ladder into the Business Management - General Emphasis (GE) program, of which three would count as elective credits

You can take this first and earn 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 earn this associate degree.

Business Management

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 earn a bachelor's degree.

Transfer Center



"Northwood Tech was a great place for me to start my education. I'm now working towards my four-year degree."

Business Management

Associate Degree - 2 years (financial aid eligible)

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

Outreach Centers: Balsam Lake*, Hayward*, Ladysmith*

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: \$9,675 - Tuition and fees.

Employed full-time in related field: 100%

Average monthly salary: \$4,474

*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.**

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

Campuses: Ashland*, New Richmond*, Rice Lake*, Superior*
 Outreach Centers: Balsam Lake*, Hayward*, 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: \$4,748 - 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.



Customer Service Specialist
Technical Certificate

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

Customer Service Specialists are in high demand in every organization. The ability to communicate clearly, listen effectively and provide exceptional customer service are essential skills for these positions. The Customer Service Specialist Certificate prepares you to serve a diverse customer base in business.

After completing the Customer Service Specialist certificate, students' career opportunities will be strengthened with the ability to effectively and

professionally communicate and provide both internal and external customer service to a global and diverse business community.

This certificate is a pathway to further credentials.

Estimated program cost: \$2,381 - 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
10104102	Marketing Principles	3 cr.
10104104	Selling Principles	3 cr.
10104191	Customer Service Management	3 cr.
10196138	Conflict Resolution and Confrontation Skills	1 cr.
10801196	Oral/Interpersonal Communication	3 cr.
10890116	Job Quest	1 cr.
	CERTIFICATE REQUIREMENTS	14 cr.



Financial Services Pathway

You can take this first and earn a credential.

Financial Services Customer Representative

Technical Diploma

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

Potential Careers

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

Continue your education to earn 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, Customer Service Representative

Continue your education to earn a bachelor's degree.

Transfer Center



Financial Services

Associate Degree - 2 years (financial aid eligible)

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

The Financial Services program will prepare students 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: \$9,704 - Tuition and fees.

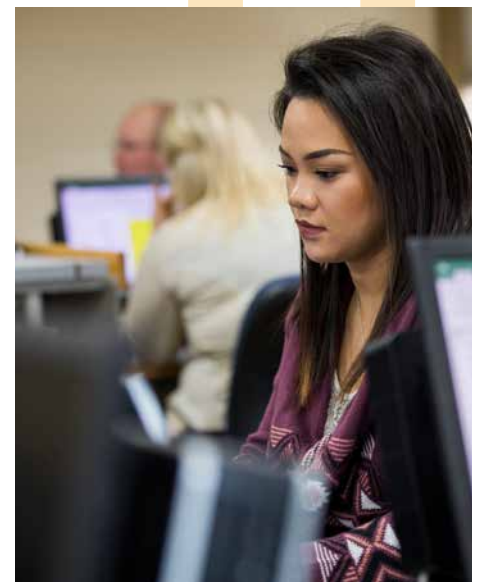
Average monthly salary: \$3,343**

*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. 2021 Graduate Follow-Up Survey Data

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.
	TOTAL PROGRAM REQUIREMENTS	60 cr.



Financial Services Customer Representative Technical Diploma - less than 1 year

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

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 for big purchases and insurance.

Positions available to students after graduation may include:

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

Estimated program cost: \$2,334 - Tuition and fees.

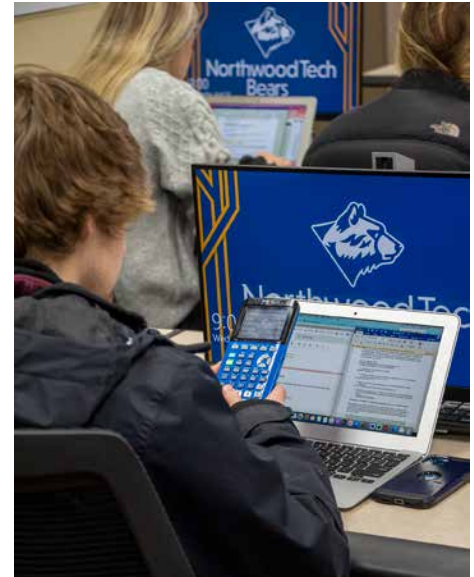
Employed full-time in related field: 100%**

*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.

**Program had fewer than 3 grads who reported employment related training and salary

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.
TOTAL PROGRAM REQUIREMENTS		14 cr.



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

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

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: \$4,753 - Tuition and fees.

Employed full-time in related field: 50%

Average monthly salary: \$3,188**

*Combination of Online, Your Choice or On Site instruction

**Average monthly salaries from aggregated statewide graduate outcomes data.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10103125	MS Outlook	1 cr.
10103146	MS Word A	1 cr.
10103151	MS Excel A	1 cr.
10103184	Advanced Document Applications	2 cr.
10106146	Document Management & Editing	3 cr.
10160135	Medical Documentation Essentials	3 cr.
10160140	Medical Office Administration	3 cr.

10160143	Medical Office Procedures and Customer Service	2 cr.
10160150	Telehealth Essentials	1 cr.
10196138	Conflict Resolution and Confrontation Skills	1 cr.
10501101	Medical Terminology	3 cr.
Occupational Supportive Total		12 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.

Healthcare Receptionist Technical Diploma - less than 1 year

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

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: \$2,378 - 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.

♦ 2021 Graduate Follow-Up Survey Data

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10103125	MS Outlook	1 cr.
10103146	MS Word A	1 cr.
10103184	Advanced Document Applications	2 cr.
10106146	Document Formatting & Editing	3 cr.
10160143	Medical Office Procedures and Customer Service	2 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.



Human Resource Management Pathway

You can take this first and earn a credential.

Human Resources and Payroll Generalist

Technical Diploma
29 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 earn an associate degree.

Human Resource Management

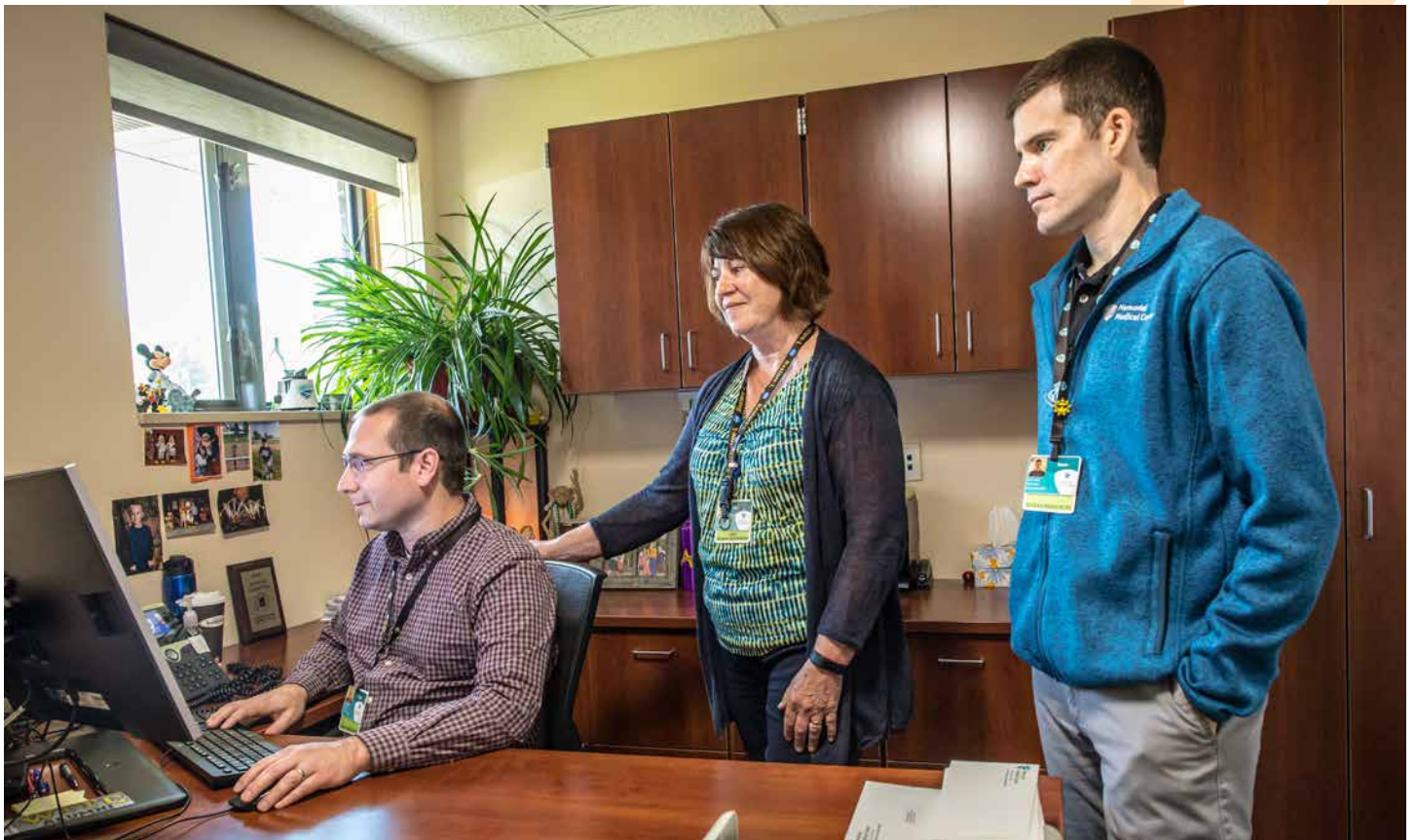
Associate Degree
60 Credits / 2 Years Full Time; Part Time Options Available

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 earn a bachelor's degree.

Transfer Center



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

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

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: \$4,306 - 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. 2021 Graduate Follow-Up Survey Data

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10103151	MS Excel A	1 cr.
10103152	MS Excel B	1 cr.
10104191	Customer Service Management	3 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.
10196138	Conflict Resolution and Confrontation Skills	<u>1 cr.</u>
Occupational Specific Total		26 cr.
Occupational Supportive Courses		
10804123	Math with Business Applications	<u>3 cr.</u>
Occupational Supportive Total		3 cr.
TOTAL PROGRAM REQUIREMENTS		29 cr.

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

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

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: \$9,881 - Tuition and fees.

Employed full-time in related field: 100%

Average monthly salary: \$4,496

*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		
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.
10104191	Customer Service Management	3 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.
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	<u>3 cr.</u>
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	3 cr.
10809196	Introduction to Sociology	3 cr.
10809198	Introduction to Psychology	<u>3 cr.</u>
General Studies Total		15 cr.
TOTAL PROGRAM REQUIREMENTS		60 cr.

Leadership Development Pathway

You can take this first and earn a credential.

Leadership Essentials

Technical Diploma
12 Credits / Less than 1 Year

Potential Careers

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

Supervisory Leadership

Technical Certificate
18 Credits / Less than 1 Year

Continue your education to earn 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 earn a bachelor's degree.

Transfer Center



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

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

Leadership Development is designed for people who are, or aspire to become a manager, supervisor or leader 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: \$9,719 - Tuition and fees.

Average monthly salary: \$5,253**

*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 from aggregated statewide graduate outcomes data

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.
10104191	Customer Service Management	3 cr.
10106199	Business Technology and Success	1 cr.
10116100	Human Resource Management	3 cr.
10196117	Applied Supervision	3 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.
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		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	3 cr.
General Studies Total		15 cr.
TOTAL PROGRAM REQUIREMENTS		60 cr.

Leadership Essentials Technical Diploma - less than 1 year

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

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: \$1,893 - Tuition and fees.

Average monthly salary: \$5,253**

*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 from aggregated statewide graduate outcomes data

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.
TOTAL PROGRAM REQUIREMENTS		12 cr.

Management Certificate Technical Certificate

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

The Management Certificate is a series of courses to develop the practical skills for dealing with the day-to-day management of a business or organization.

Managers are found in every field – manufacturing, food service, banking, retail, and education. The management positions can range from front-line supervisors to upper-level managers and executives. The need to fill management positions will continue to grow as organizations continue to look for employees who can work well with others, inspire those around them, and develop human resources.

Estimated program cost: \$1,737 - 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
10116100	Human Resource Management	3 cr.
10116105	Employee Relations and Labor Law	2 cr.
10196136	Safety in the Workplace	3 cr.
10196192	Managing for Quality	3 cr.
CERTIFICATE REQUIREMENTS		11 cr.



Medical Administrative Professional Pathway

You can take this first and earn a credential.

Healthcare Receptionist

Technical Diploma

15 Credits / 1 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 earn a technical diploma.

Health Office Professional

Technical Diploma

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

Potential Careers

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

Medical Billing Specialist

Technical Diploma

27 Credits / 3-4 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 earn an associate degree.

Medical Administrative Professional

Associate Degree

60 Credits / 2 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 earn a bachelor's degree.

Transfer Center



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

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

Estimated program cost: \$9,742 - Tuition and fees.

Employed full-time in related field: 67%

Average monthly salary: \$4,547**

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

**Average monthly salaries from aggregated statewide graduate outcomes data

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.
10103151	MS Excel A	1 cr.
10103152	MS Excel B	1 cr.
10103184	Advanced Document Applications	2 cr.
10105160	Medical Externship	1 cr.
10106146	Document Management & Editing	3 cr.
10160134	Medical Insurance Claims	4 cr.
10160135	Medical Documentation Essentials	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.
10160150	Telehealth Essentials	1 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.
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TOTAL PROGRAM REQUIREMENTS	60 cr.
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Medical Billing Specialist
Technical Diploma - 1 year (financial aid eligible)

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

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: \$4,215 - Tuition and fees.

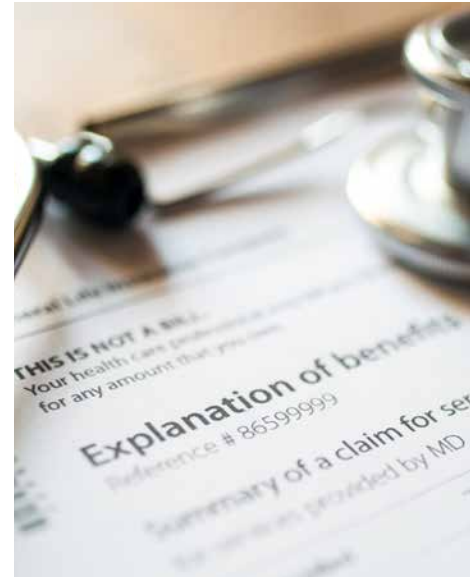
Employed full-time in related field: 100%**

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

**Program had fewer than 3 grads who reported employment related training and salary

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10103146	MS Word A	1 cr.
10103151	MS Excel A	1 cr.
10103152	MS Excel B	1 cr.
10103184	Advanced Document Applications	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		24 cr.
Occupational Supportive Courses		
10804123	Math with Business Applications	3 cr.
Occupational Supportive Total		3 cr.
TOTAL PROGRAM REQUIREMENTS		27 cr.



Microsoft Office
Technical Diploma - less than 1 year

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

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:

- Document Specialist
- Program Assistant

Estimated program cost: \$1,610 - Tuition and fees.

Employed full-time in related field: 100%**

Average monthly salary: \$4,080♦

*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.

**Program had fewer than 3 grads who reported employment related training and salary

♦Average monthly salaries from aggregated statewide graduate outcomes data

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.
10106200	Software Integration	2 cr.
TOTAL PROGRAM REQUIREMENTS		11 cr.



Nonprofit Leadership Pathway

You can take this first and earn a credential.

Nonprofit Essentials

Pathway Certificate
15 Credits / Less than 1 Year

Potential Careers

Fundraising Coordinator, Development Coordinator, Grant Writer, 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, Team Lead

Continue your education to earn 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 earn 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, Director of Development

Continue your education to earn a bachelor's degree.

Transfer Center



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

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

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
- Director of Development

Estimated program cost: \$9,891 - 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	<u>3 cr.</u>
	Technical Studies Total	42 cr.

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	<u>3 cr.</u>
	General Studies Total	15-16 cr.
	ELECTIVES	3 cr.
	TOTAL PROGRAM REQUIREMENTS	60 cr.

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

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

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: \$4,750 - 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		Credits
Number	Course Title	
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	<u>3 cr.</u>
Occupational Specific Total		24 cr.
Occupational Supportive Courses		
10801136	English Composition 1	3 cr.
10801198	Speech	<u>3 cr.</u>
Occupational Supportive Total		6 cr.
TOTAL PROGRAM REQUIREMENTS		30 cr.



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

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

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
- Customer Service Representative

Estimated program cost: \$4,770 - 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. 2021 Graduate Follow-Up Data

Curriculum		Credits	Occupational Supportive Courses	Credits
Number	Course Title			
Occupational Specific Courses			10801136 English Composition 1	3 cr.
10101176	Financial Accounting 1A	2 cr.	10801196 Oral/Interpersonal Communication or	
10103106	MS PowerPoint	1 cr.	10801198 Speech	<u>3 cr.</u>
10103125	MS Outlook	1 cr.	Occupational Supportive Total	6 cr.
10103146	MS Word A	1 cr.		
10103151	MS Excel A	1 cr.	TOTAL PROGRAM REQUIREMENTS	29 cr.
10103162	MS Access A	1 cr.		
10103184	Advanced Document Applications	2 cr.		
10106139	Administrative Office Management	3 cr.		
10106146	Document Management & Editing	3 cr.		
10106199	Business Technology and Success	1 cr.		
10106201	Modern Office Management	3 cr.		
10804123	Math with Business Applications	3 cr.		
10890116	Job Quest	<u>1 cr.</u>		
Occupational Specific Total		23 cr.		

Office Technology Assistant
Technical Diploma - less than 1 year

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

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
- Receptionist/Information Clerk

Estimated program cost: \$2,873 - 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		Credits
Number	Course Title	
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.
10106123	Meeting and Event Planning	3 cr.
10106146	Document Management & Editing	3 cr.
10106199	Business Technology and Success	1 cr.
10106201	Modern Office Management	<u>3 cr.</u>
TOTAL PROGRAM REQUIREMENTS		19 cr.

Early Childhood Education Pathway

You can take this first and earn a credential.

Group Child Care Essentials

Pathway Certificate
6 Credits / 1 Semester Part Time

Potential Careers

Child Care Teacher, Assistant Child Care Teacher

Continue your education to earn 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 earn 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 earn a bachelor's degree.

Transfer Center



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

Campuses: New Richmond, Rice Lake, Superior

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:

- 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: \$9,639 - Tuition and fees.

Employed full-time in related field: 88%

Average monthly salary: \$2,898

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.
10307160	ECE: Field Experience 1	3 cr.
10307167	ECE: Health, Safety, & Nutrition	3 cr.
10307170	ECE: Field Experience 2	3 cr.
10307179	ECE: Child Development	3 cr.
10307187	ECE: Children with Differing Abilities	3 cr.
10307188	ECE: Guiding Children's Behavior	3 cr.
10307190	ECE: Field Experience 3	3 cr.
10307195	ECE: Family & Community Relationships	3 cr.
10307210	ECE: Field Experience 4	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

TOTAL PROGRAM REQUIREMENTS

ELECTIVES	3 cr.
TOTAL PROGRAM REQUIREMENTS	60 cr.

E-CHiLD

Associate Degree - 2 years (financial aid eligible)

Campus: Online

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: \$9,639 - Tuition and fees.

Employed full-time in related field: 91%

Average monthly salary: \$2,898

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.
10307160	ECE: Field Experience 1	3 cr.
10307167	ECE: Health, Safety, & Nutrition	3 cr.
10307170	ECE: Field Experience 2	3 cr.
10307179	ECE: Child Development	3 cr.
10307187	ECE: Children with Differing Abilities	3 cr.
10307188	ECE: Guiding Children's Behavior	3 cr.
10307190	ECE: Field Experience 3	3 cr.
10307195	ECE: Family & Community Relationships	3 cr.
10307210	ECE: Field Experience 4	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)

Campus: Online*

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: \$4,540 - Tuition and fees.

Employed full-time in related field: 56%

Average monthly salary: \$2,578

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

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.
10307160	ECE: Field Experience 1	3 cr.
10307167	ECE: Health, Safety, & Nutrition	3 cr.
10307170	ECE: Field Experience 2	3 cr.
10307179	ECE: Child Development	3 cr.
10307188	ECE: Guiding Children's Behavior	3 cr.
TOTAL PROGRAM REQUIREMENTS		27 cr.



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

*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.



Health Education Center | Shell Lake

The Health Education Center is a state-of-the-art facility designed to help meet the community's growing demand for highly trained health care professionals. Centralized in Northwest Wisconsin, the Health Education Center provides student experiences that simulate today's rigorous healthcare environments.

Programs with current coursework, requiring limited travel to the Health Education Center include:

Nursing Occupational Therapy Assistant
Nursing Assistant Medical Assistant
Dental Assistant

Future plans include:
Phlebotomy and Pharmacy Technician



"The Health Education Center offers us the ability to work in the different settings that we will be working at when we are out in practice. We are getting the best education that we can get to be the best we can be for our clients."



"When you come here and walk into these rooms, it feels like you are in the hospital, you forget that these manikins are not real. You get to see so many scenarios here that you might not come across in your clinical setting."

**Dental Assistant
Technical Diploma - 1 year** (financial aid eligible)

Campus: Rice Lake*

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: \$6,155 - Tuition and fees.

Employed full-time in related field: 38%

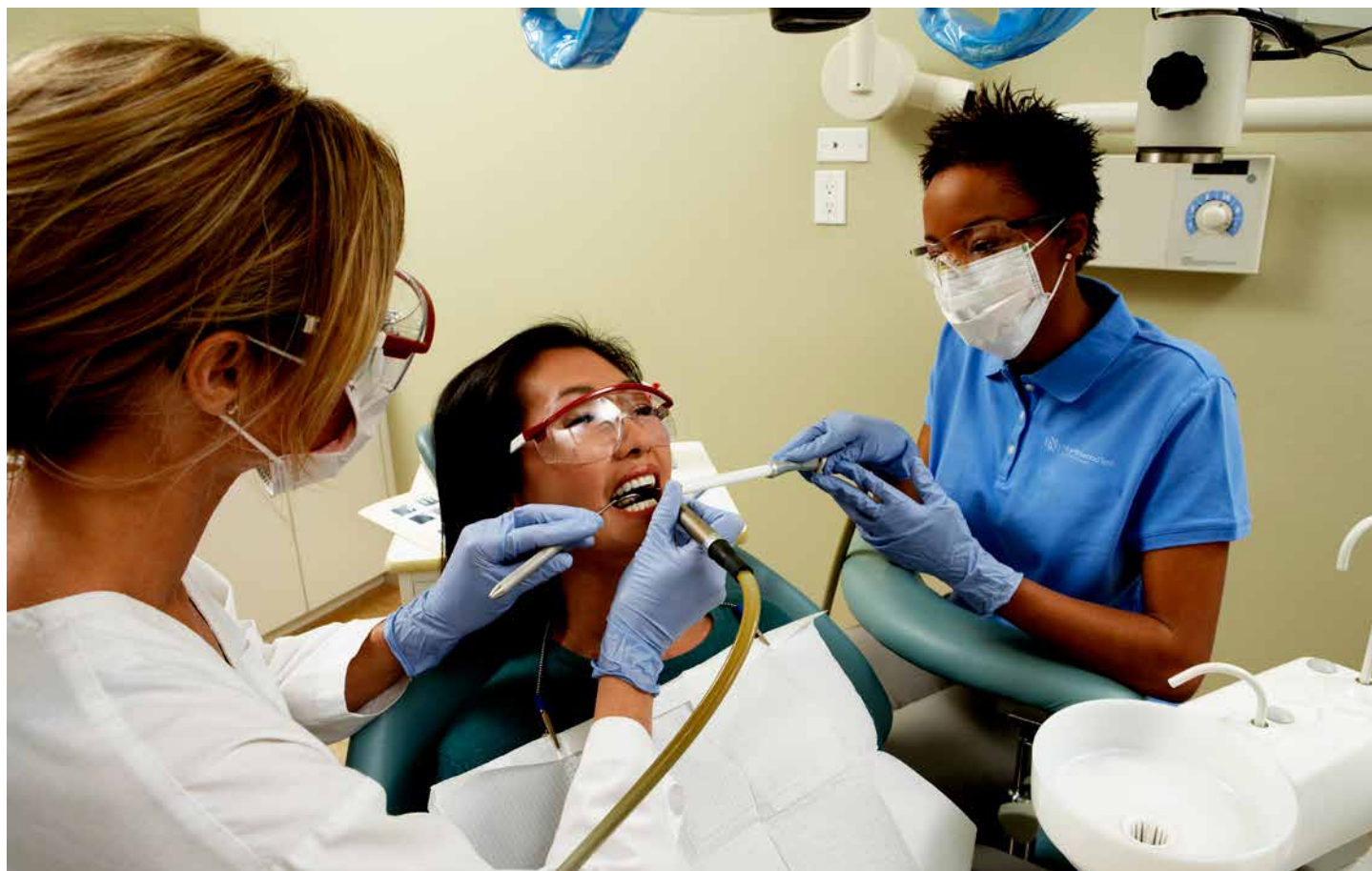
Average monthly salary: \$3,203

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>.

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

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.



Gerontology - Aging Services Professional Pathway

You can take this first and earn a credential.

Dementia Care

Pathway Certificate
12 Credits / 2 Semesters

Potential Careers Settings

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 Professionals

Pathway Certificate
12 Credits / 2 Semesters

Potential Careers Settings

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 earn 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, Private Service Provider

Continue your education to earn a bachelor's degree.

Transfer Center



Gerontology - Aging Services Professional Associate Degree - 2 years (financial aid eligible)

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

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 interdisciplinary 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: \$9,869 - Tuition and fees.

Employed full-time in related field: 100%**

Average monthly salary: \$4,301*

*Combination of Online and Your Choice 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

*2021 Graduate Follow-Up Data

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

TOTAL PROGRAM REQUIREMENTS

3 cr.
61 cr.

Health Information Technology Pathway

You can take this first and earn 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 earn 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 earn a bachelor's degree.

Transfer Center



"My instructors' experience in this area has really confirmed that yes, this is what I want to do the rest of my life."

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

Campus: Online

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: \$9,916 - Tuition and fees.

Employed full-time in related field: 75%

Average monthly salary: \$3,611

The Health Information Management accreditor of Northwood Technical College is the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). The College's accreditation for the Health Information Technology degree in Health Information Management has been reaffirmed through 2024-2025.

All inquiries about the program's accreditation status should be directed by mail to CAHIIM, 200 East Randolph Street, Suite 5100, Chicago, IL, 60601; by phone at 312.235.3255; or by email at info@cahiim.org.



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 Assistant Pathway

Embedded in the Medical Assistant program.

Patient Services Specialist

Technical Diploma
16 Credits / 1 Year Part Time

Potential Careers

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

You can earn this technical diploma.

Medical Assistant

Technical Diploma
32 Credits / 1 Year Full Time; Part Time Options Available

Potential Careers

Medical Assistant, Clinical Assistant, Phlebotomist

Continue your education to earn a bachelor's degree.

Transfer Center



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

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

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: \$5,537 - Tuition and fees.

Employed full-time in related field: 73%

Average monthly salary: \$3,292

*Students in selected health sciences programs will travel to the Shell Lake Health Education Center. Travel requirements are customized to meet individual program course competencies. 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		
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.
31509308	Pharmacology for Allied Health	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.
31501107	Digital Literacy for Healthcare	2 cr.
32801361	Applied Communications	2 cr.
Occupational Supportive Total		7 cr.

TOTAL PROGRAM REQUIREMENTS 32 cr.



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

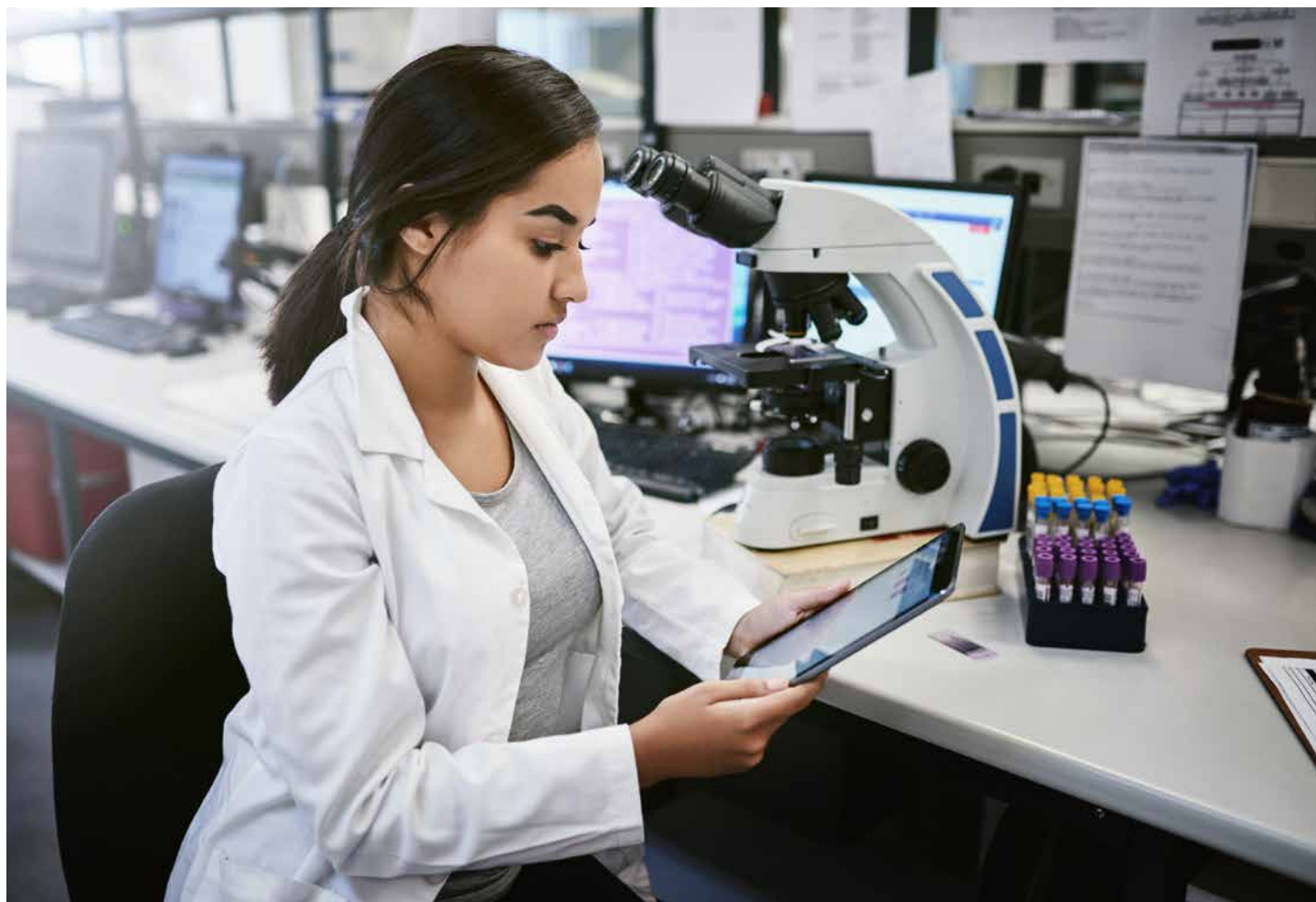
Estimated program cost: \$4,592 - Tuition and fees.

Employed full-time in related field: 80%

Average monthly salary: \$4,074

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	<u>2 cr.</u>
Occupational Specific Total		22 cr.
Occupational Supportive Courses		
10501101	Medical Terminology	3 cr.
10806177	General Anatomy and Physiology	<u>4 cr.</u>
Occupational Supportive Total		7 cr.
TOTAL PROGRAM REQUIREMENTS		29 cr.



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 an associate degree nurse.

Credits vary depending upon previously completed courses

Potential Careers

Licensed Practical Nurse

You can 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 earn a bachelor's degree.

Transfer Center



Nursing - Associate Degree

Associate Degree - 2 years (financial aid eligible)

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

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: \$12,290 - Tuition and fees.

Employed full-time in related field: 49%

Average monthly salary: \$5,891

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

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.

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: dsp@wi.gov



Nursing - Associate Degree - Part Time

Associate Degree - 4 years (financial aid eligible)

Campuses: Online*

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: \$12,290 - Tuition and fees.

Employed full-time in related field: 49%

Average monthly salary: \$5,891

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

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.

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.

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Email: dsp@wi.gov



Nursing Assistant

Technical Diploma - less than 1 year

Campuses: Ashland, New Richmond, Rice Lake, Superior
Outreach Centers: Hayward | Health Education Center: Shell Lake

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, Office of Quality Assurance.

Estimated program cost: \$339 - Tuition and fees.

Average monthly salary: \$3,031*

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

*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. 2020-21 Graduate Follow-Up Data

Curriculum

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

Occupational Therapy Assistant
Associate Degree - 2 years (financial aid eligible)

Campuses: Ashland*, New Richmond*, 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 Support Worker
- Life Skills Trainer
- Mental Health Technician
- Community Educator
- Paraprofessional, Specialized

Estimated program cost: \$10,377 - Tuition and fees.

Employed full-time in related field: 78%

Average monthly salary: \$3,571

*via Hybrid instruction

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

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

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.

TOTAL PROGRAM REQUIREMENTS 64 cr.

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.



Health Sciences

Personal Care Worker Technical Certificate

Campuses: Ashland, New Richmond, Rice Lake, Superior

This certificate emphasizes aspects of providing personal and supportive/rehabilitative healthcare to clients needing assistance in their home or other care facilities. Basic knowledge and skills acquired through this course include clients' rights, communication, rehabilitation, positioning and transfer skills, infection control, and safety.

Upon completion of the certificate, typical settings for employment include:

- Home care services
- County and private healthcare agencies
- Independent practices

Estimated program cost: \$172 - Tuition and fees.

Curriculum

Number	Course Title	Credits
30510308	Personal Care Worker	<u>1 cr.</u>
CERTIFICATE REQUIREMENTS		1 cr.

Pharmacy Technician Technical Certificate

Campuses: New Richmond*, Superior*

As the need for clinical pharmacists increases to meet today's healthcare demands, so does the need for well-trained pharmacy technicians. Area employers are seeking highly-skilled graduates to fill their pharmacy technician positions.

Typical positions available after graduation include:

- Pharmacy Technician – Hospital
- Pharmacy Technician – Nursing Home
- Pharmacy Technician – Community
- Pharmacy Buyer
- Prior Authorization Technician
- 340B Analyst

Graduates are eligible to take the Certified Pharmacy Technician (CPhT) certification examination through the Pharmacy Technician Certification Board (PTCB).

Estimated program cost: \$1,952 - Tuition and fees.

Average monthly salary: 3,163**

*via Online and On-Site instruction

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

**Average monthly salaries from aggregated statewide graduate outcomes data

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10536141	Introduction to Pharmacy	3 cr.
10536142	Pharmacy Calculations	2 cr.
10536143	Pharmacy Lab Skills	3 cr.
10536144	Pharmacology for Technicians	2 cr.
10536145	Pharmacy Clinical	<u>1 cr.</u>
CERTIFICATE REQUIREMENTS		11 cr.

Health Science

Phlebotomy Technical Certificate

Campuses: New Richmond*, Rice Lake*

The Phlebotomy certificate provides practical training in the collection of blood specimens by venipuncture and capillary puncture for the purpose of lab analysis. Phlebotomy students are also trained in non-blood specimen collection procedures, specimen processing and basic laboratory skills.

Typical position available upon graduation includes:

- Phlebotomist

Upon completion of the certificate, typical settings for employment include:

- Clinical Laboratories

- Emergency Room Services
- Extended Care Facilities
- Insurance Companies
- Nursing Homes
- Outpatient Services

Graduates are eligible to take the Phlebotomy Technician, PBT (ASCP) certification examination through the ASCP Board of Certification (BOC) by meeting the minimum requirements of Route 2.

Estimated program cost: \$2,416 - Tuition and fees.

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

Curriculum

Number	Course Title	Credits
10501101	Medical Terminology or	3 cr.
10806177	General Anatomy and Physiology	4 cr.
10160143	Medical Office Procedures and Customer Service	2 cr.
10513110	Basic Lab Skills	1 cr.
10513111	Phlebotomy	2 cr.
10513112	Phlebotomy Clinical	2 cr.
10801196	Oral/Interpersonal Communication	<u>3 cr.</u>
CERTIFICATE REQUIREMENTS		13-14 cr.

Hospitality Foundations Technical Diploma - less than one year

Campuses: Ashland, New Richmond, Rice Lake, 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: \$974 - Tuition and fees.

Employed full-time in related field: 33%**

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

**Program had fewer than 3 grads who reported employment related training and salary

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	<u>1 cr.</u>
Occupational Specific Total		5 cr.
Occupational Supportive Courses		
30890320	Working Smart	<u>1 cr.</u>
Occupational Supportive Total		1 cr.
TOTAL PROGRAM REQUIREMENTS		6 cr.

Hospitality and Tourism



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

Campuses: Ashland, New Richmond, Rice Lake, 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: \$399 - Tuition and fees.

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
10575100	CBRF Caregiver Fundamentals	<u>2 cr.</u>
TOTAL PROGRAM REQUIREMENTS		2 cr.



Cosmetology
Technical Diploma - 1 year (financial aid eligible)

Campuses: Rice Lake*, Superior*

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: \$4,915 - Tuition and fees.

Employed full-time in related field: 45%

Average monthly salary: \$1,987

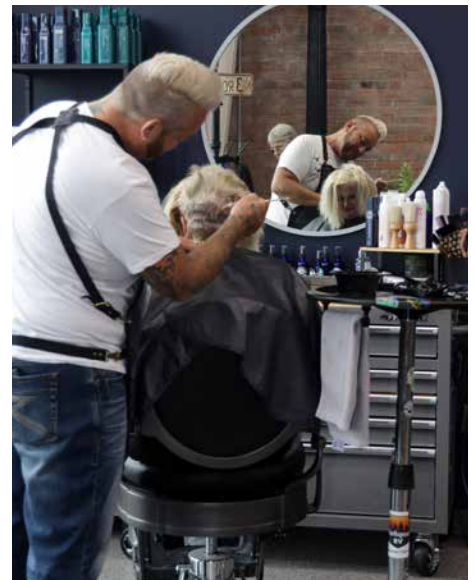
*Combination of Hybrid and On Site instruction

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	<u>5 cr.</u>
TOTAL PROGRAM REQUIREMENTS		30 cr.



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

Funeral Service (shared with Milwaukee Area Technical College)
Associate Degree - 2 years (financial aid eligible)

Campuses: Ashland*, New Richmond*, Rice Lake* Superior*
 and Milwaukee Area Technical College**

This program prepares you for a career as a licensed funeral director and embalmer in a profession that demands compassion, dedication, and creativity. This is a shared program with Milwaukee Area Technical College (MATC). During the second year, program-specific coursework will be completed at MATC.

This Funeral Service degree program is recognized by the Wisconsin Funeral Directors Examining Board.

Possible careers include:

- Funeral Director
- Embalmer

Estimated program cost (First Year Only): \$4,950 - Tuition and fees.

Shared Program with Milwaukee Area Technical College (MATC)

*First-year coursework will be available at Northwood Tech through multiple delivery options, including On Site, Your Choice, or Online instruction

**Second-year coursework will be available at MATC through a high-flex delivery system, including face-to-face, virtual or recorded lectures. Students will be required to travel to MATC (West Allis Campus) for labs/tours.

Curriculum

Number	Course Title	Credits
Technical Studies Courses		
Northwood Tech Courses		
10101101	Financial Accounting 1	4 cr.
10105125	Business Law	3 cr.
MATC Courses		
FUNERL-104	Funeral Service Field Experience I	2 cr.
FUNERL-110	Introduction to Funeral Service	2 cr.
FUNERL-112	Laws, Rules and Regulations of Funeral Service	3 cr.
FUNERL-114	Pathology of Funeral Service	2 cr.
FUNERL-116	Funeral Service Practices	4 cr.
FUNERL-121	National Funeral Board Prep I	1 cr.
FUNERL-134	Embalming Theory	3 cr.
FUNERL-135	Embalming Lab I	1 cr.
FUNERL-119	Embalming Lab 2	1 cr.
FUNERL-105	Funeral Service Field Experience II	2 cr.
FUNERL-118	Funeral Service Management	3 cr.
FUNERL-137	Funeral Service Management Lab	1 cr.
FUNERL-123	Restorative Art	3 cr.
FUNERL-124	Restorative Art Lab	1 cr.
FUNERL-122	National Funeral Board Prep II	1 cr.
FUNERL-136	Funeral Service Science	2 cr.
FUNERL-153	Psychology of Funeral Service	3 cr.
Northwood Tech Technical Studies Total		42 cr.
MATC Technical Studies Total		41 cr.

General Studies Courses

Credits	Northwood Tech Courses	
	10801136	English Composition 1 3 cr.
	10801196	Oral/Interpersonal Communication or 3 cr.
	10801198	Speech 3 cr.
	10806134	General Chemistry 4 cr.
	10806177	General Anatomy and Physiology 4 cr.
	10806197	Microbiology 4 cr.
	10809196	Introduction to Sociology 3 cr.
	10809198	Introduction to Psychology 3 cr.
Northwood Tech General Studies Total		24 cr.
MATC General Studies Total		23 cr.
Northwood Tech TOTAL PROGRAM REQUIREMENTS		66 cr.
MATC TOTAL PROGRAM REQUIREMENTS		64 cr.



Human Services Associate Pathway

You can take this first and earn 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 earn 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 earn a bachelor's degree.

Transfer Center



"My time in the Human Services Associate program was the best decision I made in my life. The staff is the best I have ever experienced. Top notch school and program."

Human Services

Human Services Associate

Associate Degree - 2 years (financial aid eligible)

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

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: \$9,782 - Tuition and fees.

Employed full-time in related field: 70%

Average monthly salary: \$3,337

*Hybrid instruction

Curriculum

Number	Course Title	Credits
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	<u>2 cr.</u>
	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	<u>3 cr.</u>
	General Studies Total	19 cr.

ELECTIVES 3 cr.

TOTAL PROGRAM REQUIREMENTS 60 cr.

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

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

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: \$4,257 - Tuition and fees.

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

Average monthly salary: \$3,912**

*Hybrid instruction

**Program had fewer than 3 grads who reported employment related training and salary

**Average monthly salaries from aggregated statewide graduate outcomes data

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.



Individualized Technical Studies Associate Degree - 2 years (financial aid eligible)

Campuses: Ashland, New Richmond, Rice Lake, Superior

Program Overview

Complete a program plan with Northwood Tech Director of Curriculum and Assessment by identifying your own career goals and what you need to get there.

This program is typically designed for students who: have a high school diploma or G.E.D., are currently employed, are able to articulate a specific career objective, would benefit from the combination of associate degree courses from two or more major areas, and are seeking academic credit for work and/or other experience related to a specific career goal. Inquire: Contact Ryon List, Director, Curriculum & Assessment at: ryon.list@northwoodtech.edu or 715.685.3086.

Specific Career Cluster Plans include:

1082518	ITS - Agriculture, Food and Natural Resources
108252	ITS - Architecture and Construction
108253	ITS - Arts, Audio-Visual Technology and Communications
108254	ITS - Business, Management and Administration
108255	ITS - Education and Training
108256	ITS - Finance
108257	ITS - Government and Public Administration
108258	ITS - Health Sciences
108259	ITS - Hospitality and Tourism
1082510	ITS - Human Services
1082511	ITS - Information Technology
1082512	ITS - Law, Public Safety and Security
1082513	ITS - Manufacturing
1082514	ITS - Marketing, Sales and Service
1082515	ITS - Science, Technology, Engineering and Mathematics
1082516	ITS - Transportation, Distribution and Logistics

Estimated program cost: \$10,453 - Tuition and fees.

Program Outcomes

The Individualized Technical Studies Program is not intended to become a catch-all for students with little or no career focus, nor is it intended to prepare students for occupations that have little or no job market demand. It is also not simply an accumulation of credit hours leading to a degree. Finally, this degree program option is not designed to give students the opportunity to make minor course changes to existing programs. Rather, it is a preplanned program of study.

The technical studies option is typically designed for students who:

- Have a high school diploma or G.E.D.
- Are currently employed
- Are able to articulate a specific career objective
- Would benefit from the combination of associate degree courses from two or more major areas
- Are seeking academic credit for work and/or other experience related to a specific career goal

Career Outlook

This degree gives students the flexibility to meet the educational goals of new and emerging occupational fields. Employers also benefit from the flexible program that helps them meet their own specific employee training needs as new technologies and methods emerge in the business world.

Curriculum

Course Title	Credits
Communication	6 cr.
Social Science	3 cr.
Behavioral Science	3 cr.
Math and/or Science	3 cr.
Additional Electives	6 cr.
Total	21 cr.
Individualized Technical Studies Courses (See list of General Studies courses on page 79)	40 cr.
TOTAL PROGRAM CREDITS	61 cr.

Each student will be required to complete a minimum of 40 credit hours of individualized technical studies and may utilize courses from all departments of the college. A minimum of 20 of these credits must be focused in one career cluster. The selection of these courses must be relevant to the student's identified career goals and provide sufficient hours of concentration in one or two specific technical areas to ensure technical competence in achieving their occupational goals.

Program Overview

The apprenticeship associate degree in Technical Studies – Journeyworker is designed for current apprenticeship students or for those who have completed a qualifying apprenticeship program and are looking for a specialized course of instruction which is not available in existing programs. The program allows the student to receive advanced standing credit for previous apprenticeship work and then create a unique associate degree. Students will be required to complete a program plan with the Director, Apprenticeships & Academies to identify their career objectives and the courses that will help them meet those objectives.

Inquire

For more information, estimated costs and how to apply to this program contact Eric Lockwood, Director, Apprenticeships & Academies at eric.lockwood@NorthwoodTech.edu or 800.243.9482.

Program Outcomes

This unique degree will:

- Provide direction to the student in pursuit of specific occupational outcomes
- Allow the student to meet individual career goals which cannot be achieved through enrollment in any single instructional program currently available at the college
- Meet the needs of the student who wants to pursue an Associate of Applied Science Degree on either a full- or part-time basis
- Help identify new and emerging occupations for new or modified programs

Career Outlook

The degree gives students the flexibility to meet the educational goals of new and emerging occupational fields. Employers also benefit from the flexible program that helps them meet their own specific employee training needs as new technologies and methods emerge in the business world.

Curriculum

Course Title	Credits
Communication	6 cr.
Social Science	3 cr.
Behavioral Science	3 cr.
Math and/or Science	3 cr.
Additional Electives	6 cr.
Total	21 cr.
(See list of General Studies courses on page 79)	
Wisconsin Journey-Level Certificate Courses*	39 cr.

Degree completion requirement: Possess a Wisconsin Apprenticeship Completion Certificate issued by the Department of Workforce Development - Bureau of Apprenticeship Standards registered apprenticeship program that requires a minimum of 3 years and 400 hours of paid related instruction in the Wisconsin Technical College System. The certificate will meet the 39-credit minimum Technical Studies - Journeyworker requirement for the Associate of Applied Science degree.

TOTAL PROGRAM CREDITS **60 cr.**

*Complete all required Wisconsin Technical College System apprentice paid related technical instruction with a minimum course grade of C. There are no time limits on credit recognition.



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 can earn this associate degree.

IT - Cybersecurity Specialist

Associate Degree

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

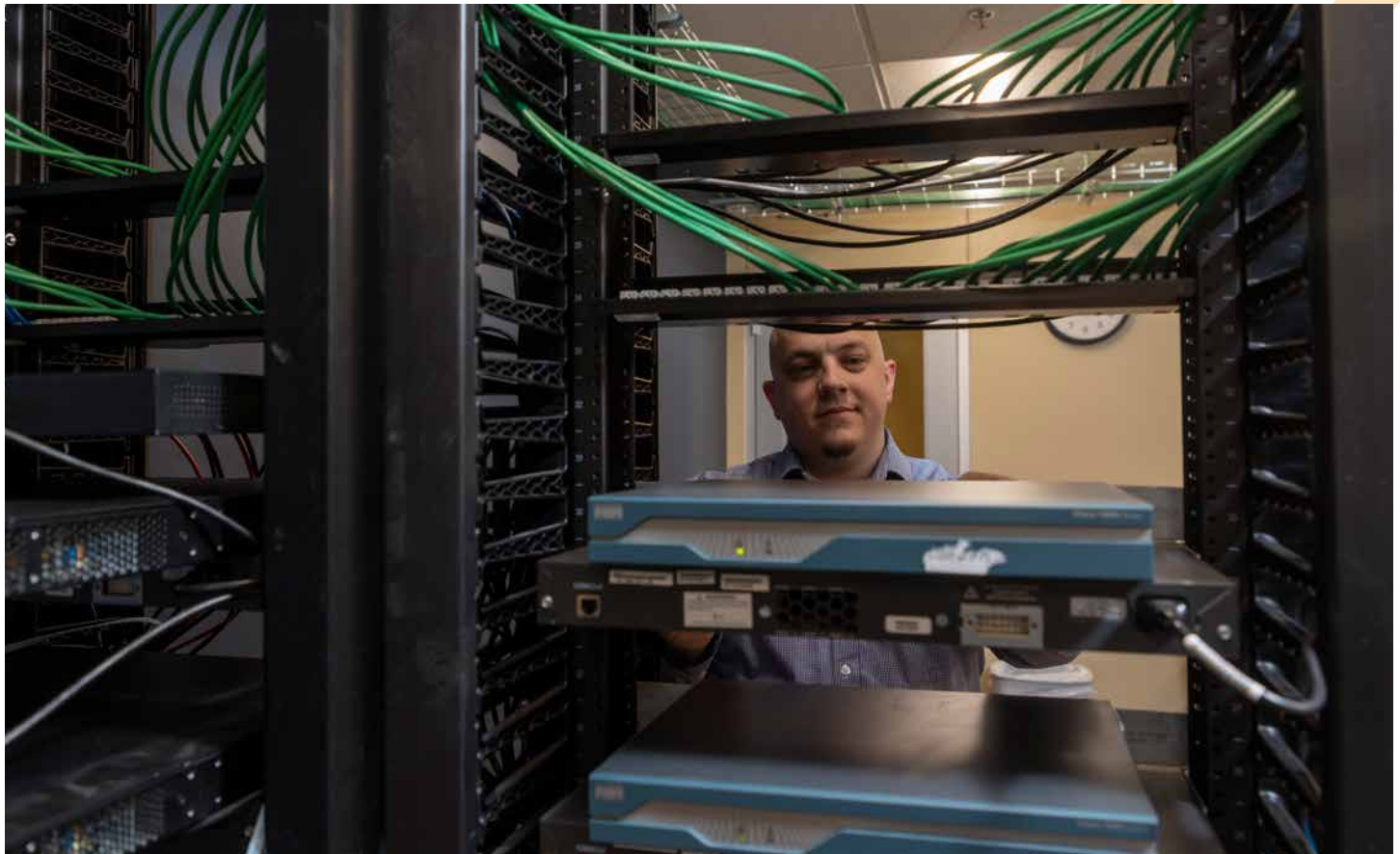
Potential Careers

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

The IT-Cybersecurity Specialist program is supported with funds from the WTCS Grant Funds (\$166,300)

Continue your education to earn a bachelor's degree.

Transfer Center



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

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

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: \$10,108 - Tuition and fees.

Employed full-time in related field: 100%

Average monthly salary: \$3,747

Full program available at the New Richmond, Rice Lake and Superior Campus.

*First year coursework available at the Ashland campus and complete your full program at any of our other campuses.

Northwood Tech is affiliated with the following industry partners providing students with access to a variety of materials and software: Cisco, CompTIA, Microsoft, Palo Alto and VMware.

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.
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	Threat Hunting	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	47 cr.

General Studies Courses

Number	Course Title	Credits
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.
	TOTAL PROGRAM REQUIREMENTS	62 cr.



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 can 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 earn a bachelor's degree.

Transfer Center



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

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

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: \$10,268 - Tuition and fees.

Employed full-time in related field: 100%

Average monthly salary: \$3,780

*Full program available at the Ashland, Rice Lake, and Superior campuses.

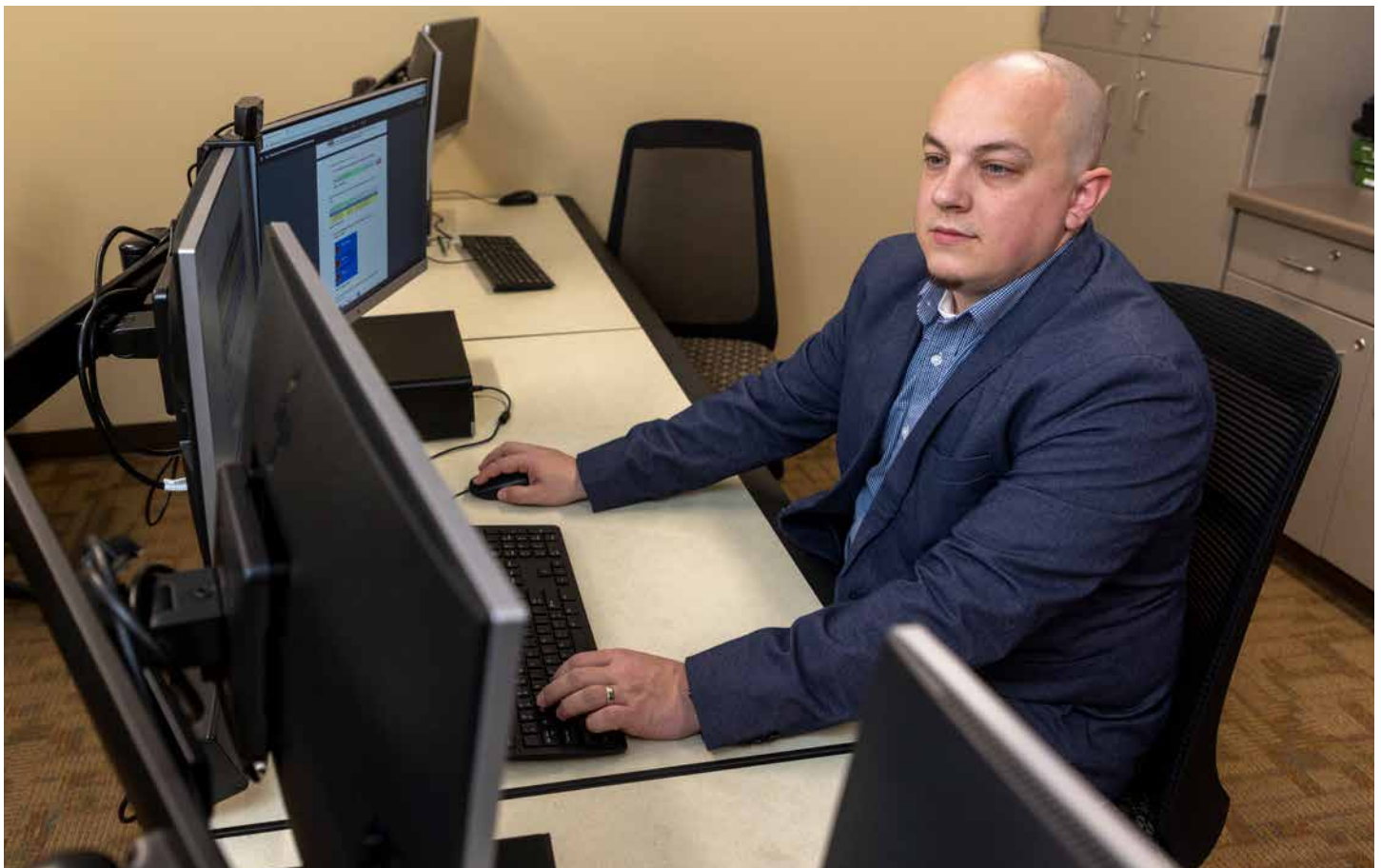
**First year coursework fully available at the New Richmond campus and complete your full program Online or at any of our other campuses.

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

Course Number	Course Title	Credits
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.
	TOTAL PROGRAM REQUIREMENTS	63 cr.



Information Technology

Information Technology - Web and Software Developer

Associate Degree - 2 years (financial aid eligible)

Campuses: New Richmond, Online

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: \$10,090 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. 2020-21. Graduate Follow-Up Survey Data

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.
TOTAL PROGRAM REQUIREMENTS		62 cr.



Advanced EMT

Technical Diploma - Less than 1 Year

Campuses: New Richmond*, Rice Lake*

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: \$685 - Tuition and fees.

Employed full-time in related field: 43%**

Average monthly salary: \$4,020**

*Combination of On Site and Online Live instruction

Curriculum

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



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

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

Protective services require employees who are knowledgeable, ethical, have strong communication skills, and 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
- Probation/Parole Agent

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
- Youth Counselor/Case Aide
- Youth Detention Home Supervisor
- State Patrol/Troopers
- DNR Warden

Estimated program cost: \$9,826 - Tuition and fees.

Employed full-time in related field: 80%

Average monthly salary: \$4,244

*Combination of On Site, Online and Hybrid instruction

Curriculum		Credits
Number	Course Title	
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.

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: 67%

Average monthly salary: \$5,403**

*Book costs are included in this amount

**Average monthly salaries from aggregated statewide graduate outcomes data

Curriculum		Credits
Number	Course Title	
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.
TOTAL PROGRAM REQUIREMENTS		22 cr.



Paramedic Technician Pathway

EMT is required for the AEMT, EMT-Paramedic and Paramedic Technician programs.

Emergency Medical Technician

Technical Diploma
(not embedded but a requirement for the AEMT and Paramedic programs)
5 Credits / 180 Required Hours

Potential Careers

Emergency Medical Technician (EMT)

Continue your education to earn 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 earn an associate degree.

Paramedic Technician

Associate Degree
67 Credits / 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 earn a bachelor's degree.

Transfer Center



Emergency Medical Technician Technical Diploma - less than 1 year

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.

EMTs 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 (NREMT)'s cognitive and psychomotor examinations for EMT level of certification.

Estimated program cost: \$873 - Tuition and fees.

Employed full-time in related field: 50%

Average monthly salary: \$3,677

*Combination of On Site and Online Live instruction

Curriculum

Number	Course Title	Credits
30531330	Emergency Medical Technician	5 cr.

TOTAL PROGRAM REQUIREMENTS

Credits

5 cr.

5 cr.



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

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

Campuses: Ashland*, New Richmond*, Rice Lake*, 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: \$6,358 - Tuition and fees.

Employed full-time in related field: 60%

Average monthly salary: \$4,728

*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	<u>4 cr.</u>

TOTAL PROGRAM REQUIREMENTS

38 cr.



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

Campuses: Ashland*, New Richmond*, Rice Lake*, 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: \$11,235 - Tuition and fees.

Average monthly salary: \$5,018**

*Combination of On Site and Online Live instruction

**Average monthly salaries from aggregated statewide graduate outcomes data

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	<u>2 cr.</u>
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	<u>3 cr.</u>
General Studies Total		24 cr.

TOTAL PROGRAM REQUIREMENTS

67 cr.



Automated Packaging Systems Technician Pathway

You could take this first and earn a credential.

Mechatronics Basics

Technical Diploma
14 Credits / 1 Year Part Time

Potential Careers

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

You can earn this technical diploma.

Automated Packaging Systems Technician

Technical Diploma
63 Credits / 2 Years Full Time

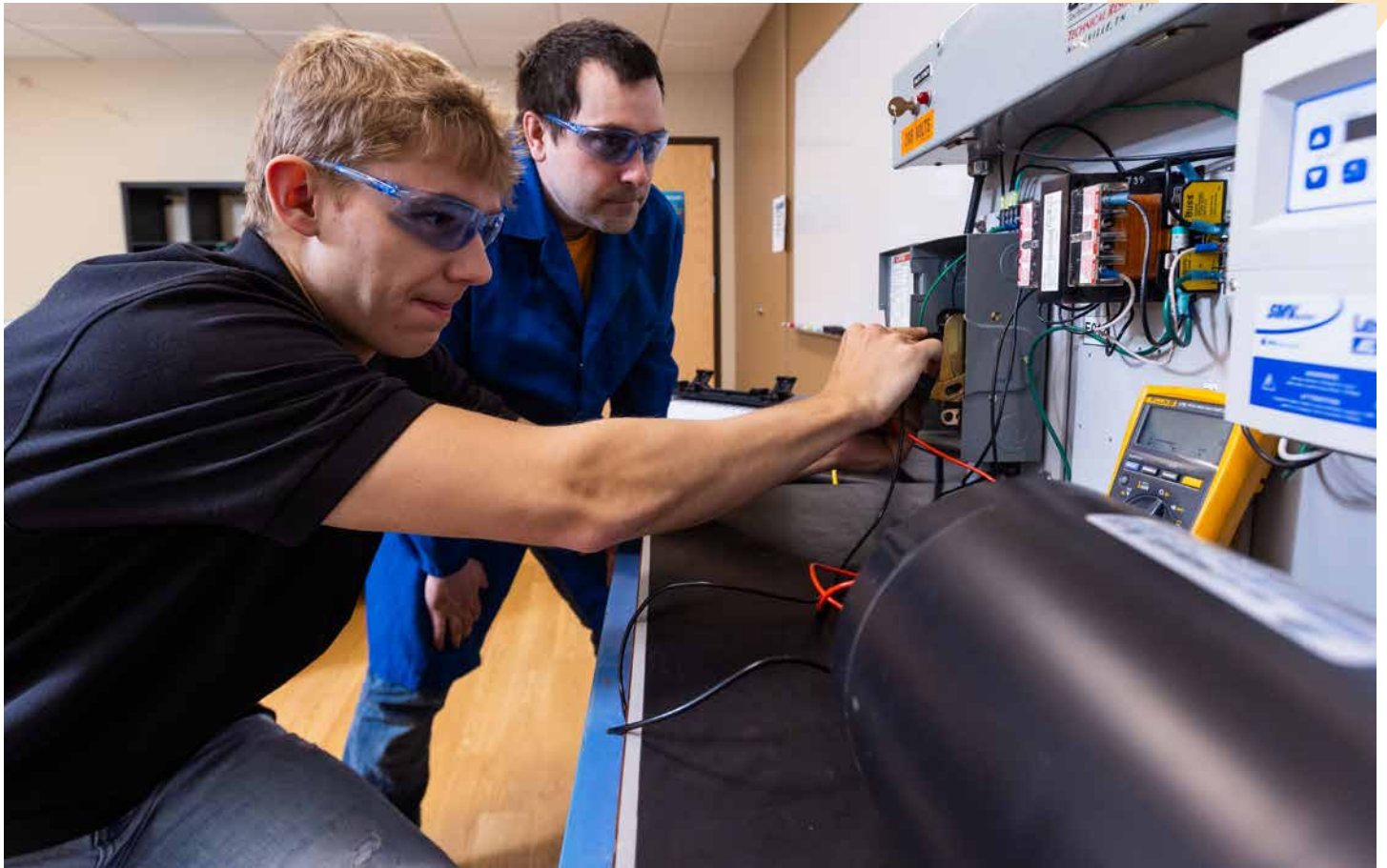
Potential Careers

Field Service Technician, Maintenance Technician, Electromechanical Technician/Assembler

This program is supported with funds from the WTCS Grant Funds (\$295,458)

Continue your education to earn a bachelor's degree.

Transfer Center



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

Typical positions available after graduation include:

- Field Service Technician
- Maintenance Technician
- Electromechanical Technician/Assembler

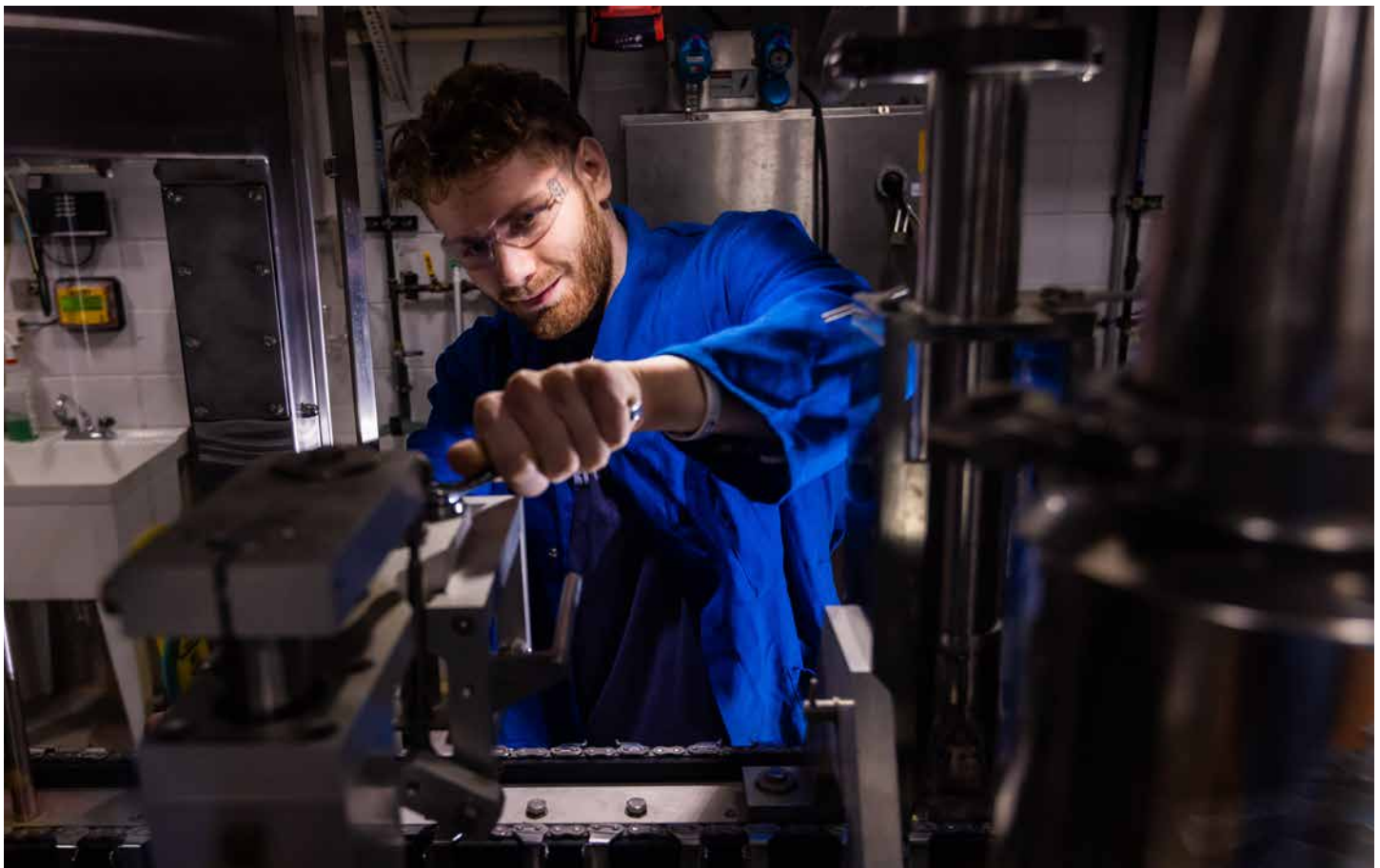
Estimated program cost: \$10,801 - Tuition and fees.

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.



Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32414335	DC Electricity	3 cr.
32414336	AC Electricity	3 cr.
32414380	Advanced PLC	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	49 cr.
Occupational Supportive Courses		
32150302	Applied IT Basics	1 cr.
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	14 cr.
TOTAL PROGRAM REQUIREMENTS		63 cr.



Automation for Industrial Systems Pathway

Embedded in the Automation for Industrial Systems program.

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 earn an associate degree.

Automation for Industrial Systems

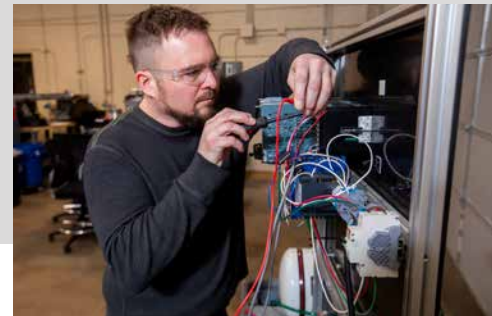
Associate Degree
64 Credits / 2 Years Full Time; 3 Years Part Time

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 earn a bachelor's degree.

Transfer Center



Automation for Industrial Systems (unique in WI)
Associate Degree - 2 years (financial aid eligible)

Campus: New Richmond

This program prepares the student to be employed at the technician level or higher on computers, industrial computer networks, programmable logic controllers (PLCs), and process 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: \$10,430 - 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 Buses	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

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.

TOTAL PROGRAM REQUIREMENTS 64 cr.



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

Campus: Superior

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

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: \$10,297 - Tuition and fees.

Employed full-time in related field: 75%

Average monthly salary: \$6,232

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		
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.



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.

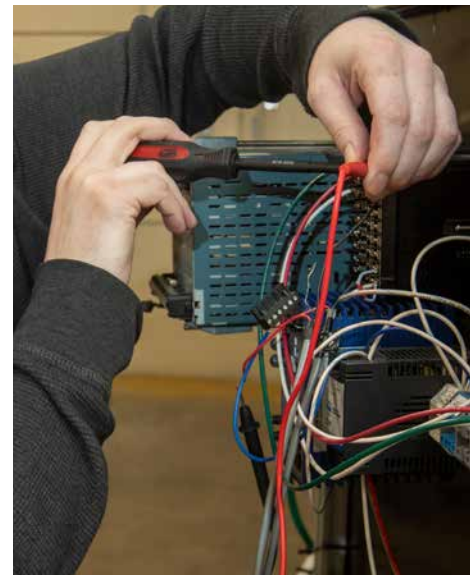
The Industrial Systems Specialist graduate will be ready to start a career as a(n):

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

Estimated program cost: \$4,650 - Tuition and fees.

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 Buses	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.



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

Continue your education to earn 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 earn a bachelor's degree.

Transfer Center



Machine Tool Operation Technical Diploma - 1 year (financial aid eligible)

Campus: Ashland

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: \$5,154 - Tuition and fees.

Employed full-time in related field: 100%*

Average monthly salary: \$4,125**

*Program had fewer than 3 grads who reported employment related training and salary

**Average monthly salaries from aggregated statewide graduate outcomes data

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	<u>2 cr.</u>
	Occupational Specific Total	23 cr.
Occupational Supportive Courses		
32801361	Applied Communications	2 cr.
32804325	Applied Technical Math 1	<u>3 cr.</u>
	Occupational Supportive Total	5 cr.
TOTAL PROGRAM REQUIREMENTS		28 cr.



Machine Tool Operation - CNC Technical Diploma - 1 year (financial aid eligible)

Campus: Rice Lake

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: \$6,200 - 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. 2020-21 Graduate Follow-Up Survey Data

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	<u>4 cr.</u>
	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	<u>2 cr.</u>
	Occupational Supportive Total	7 cr.
TOTAL PROGRAM REQUIREMENTS		32 cr.



Machine Tool Technician Pathway

You can take this first and earn 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 earn 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 earn a bachelor's degree.

Transfer Center



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

Campus: Superior

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: \$10,971 - Tuition and fees.

Average monthly salary: \$4,246*

*Average monthly salaries from aggregated statewide graduate outcomes data.

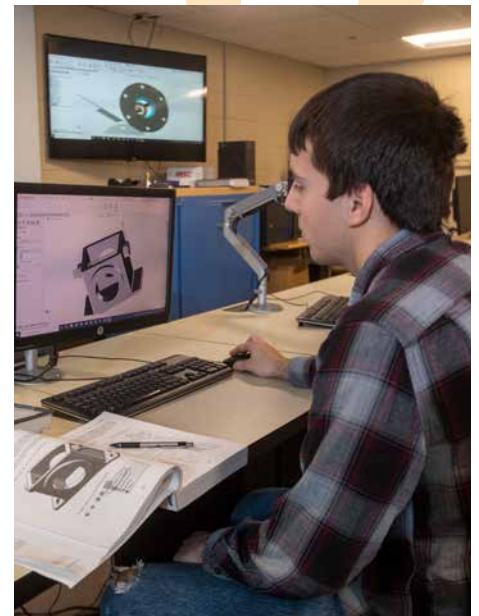
Curriculum

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 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 can 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 earn a bachelor's degree.

Transfer Center



Machine Tooling Technics

Technical Diploma - 2 years (financial aid eligible)

Campus: New Richmond

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: \$10,070 - Tuition and fees.

Employed full-time in related field: 100%

Average monthly salary: \$4,847

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.



Mechatronics Basics
Technical Diploma - less than 1 year

Campus*: New Richmond, Rice Lake

The Mechatronics Basics program will give students the skills to repair, install, adjust, or maintain industrial production and processing machinery. Students are also trained on how to lubricate machinery, change parts, or perform other routine machinery maintenance.

Typical careers available after graduation include:

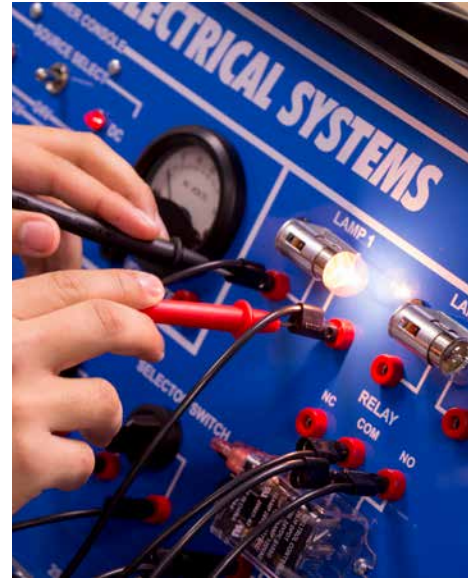
- Entry Level Electro-Mechanical Assembler
- Maintenance Technician
- Service Technician

Estimated program cost: \$2,400 - Tuition and fees.

*Also available through Custom Delivery

Curriculum

Number	Course Title	Credits
Occupational Specific Courses		
32414335	DC Electricity	3 cr.
32414336	AC Electricity	3 cr.
32454341	Fluid Power Systems	3 cr.
32454345	Packaging Systems Equipment Control	3 cr.
32454357	Power Transmission Componentry	2 cr.
TOTAL PROGRAM REQUIREMENTS		14 cr.



HOMES Grant Equal Opportunity, Funding, and Reporting Statement

Equal Opportunity

No person may be denied admission to, participation in, employment at, the benefits of, or be discriminated against in any service, program, course or facility of Northwood Technical College because of the person's political affiliation, age, race, creed, religion, color, handicap (disability), marital status, parental status, sex, national origin, ancestry, sexual orientation, pregnancy, arrest record, conviction record, service in the armed forces, genetic testing, or use or non-use of lawful products off the College premises during non-working or non-class hours.

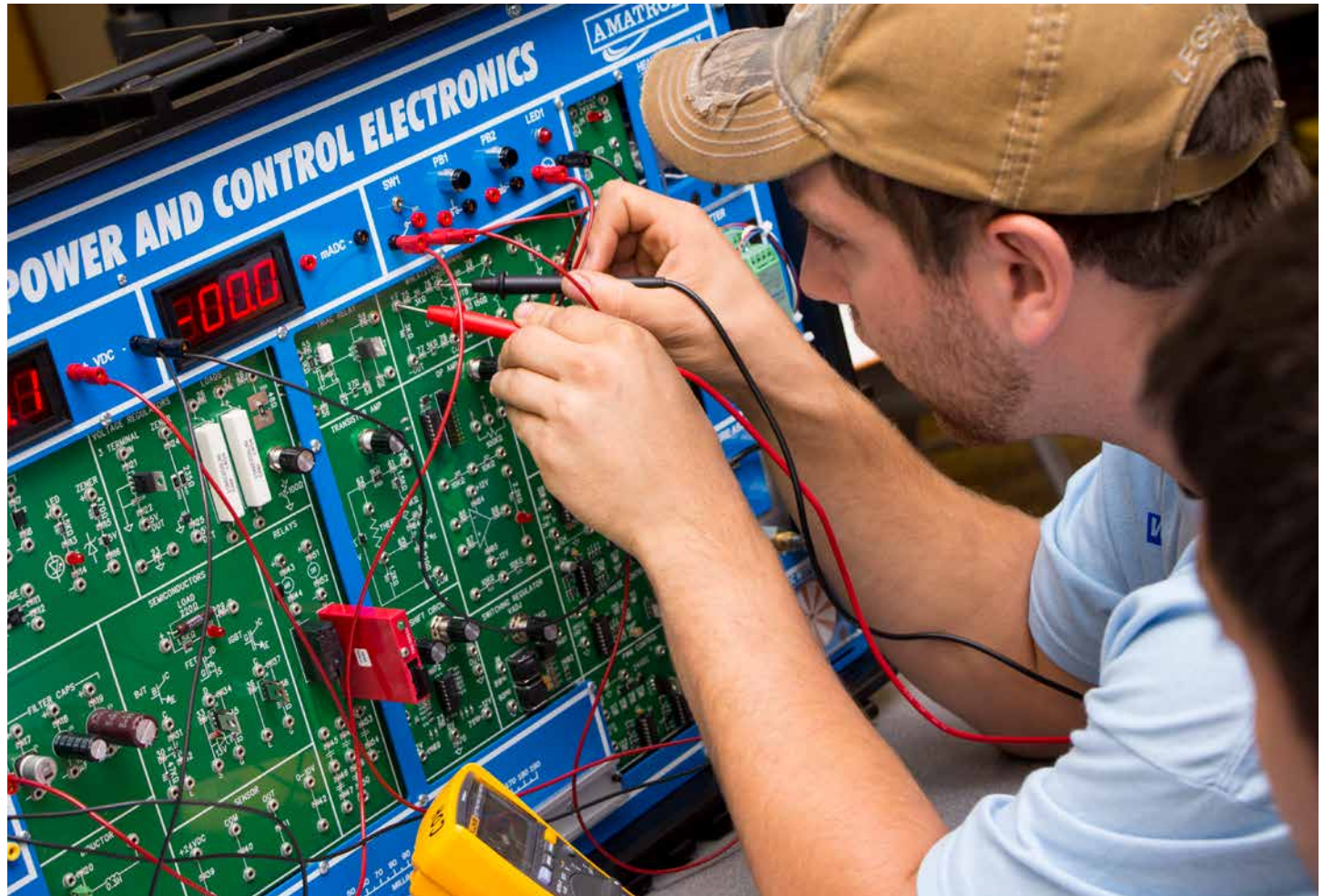
Funding

The 3-year, \$9.8 million Housing Opportunity & Mobile Education Solutions (HOMES) project is funded by the Wisconsin Department of Workforce Development. Impact Seven will provide an additional \$20 million for sustainable affordable housing options within the district.

Northwood Technical College will provide an additional \$1.25 million to conduct advanced manufacturing training for underemployed, unemployed, and special population individuals.

Reporting

General demographic and job placement information of program participants will be used and reported to the Wisconsin Department of Workforce Development as one measurement of success for this grant-funded program.



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

Flux Cored Arc Welding (FCAW) ladders into the Welding program

Gas Tungsten Arc Welding (GTAW)

Technical Diploma

8 Credits / Less than 1 Year Part Time

Potential Careers

Production Welder, Welder Helper

Gas Tungsten Arc Welding (GTAW) ladders into the Welding program

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 can 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 supported with funds from the WTCS Grant Funds (\$491,723)

Continue your education to earn a bachelor's degree.

Transfer Center



Welding
Technical Diploma - 1 year (financial aid eligible)

Campuses: Ashland, New Richmond, Rice Lake, Superior

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

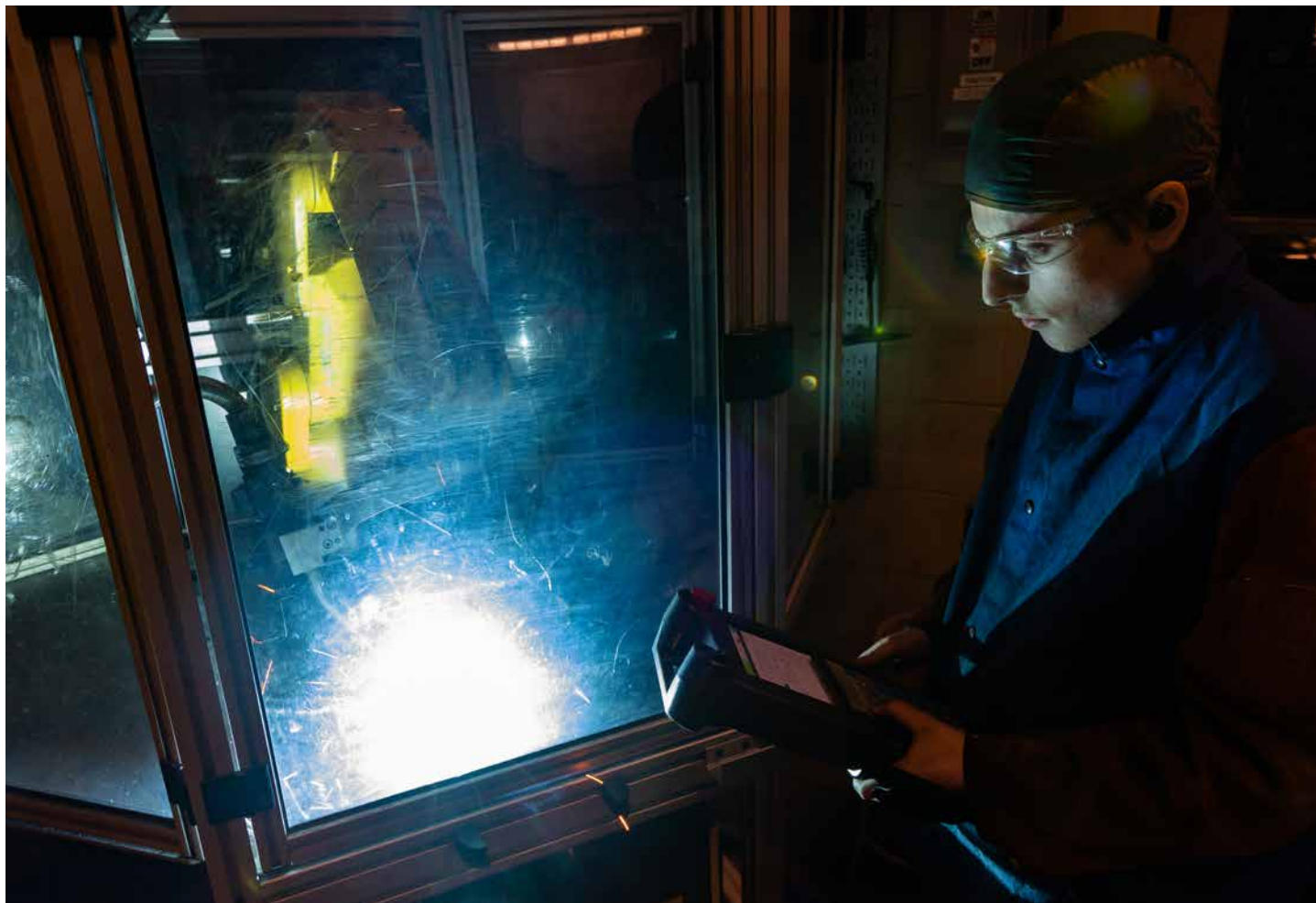
Estimated program cost: \$6,698 - Tuition and fees.

Employed full-time in related field: 92%

Average monthly salary: \$5,018

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	<u>2 cr.</u>
Occupational Specific Total		28 cr.
Occupational Supportive Courses		
32801361	Applied Communications	2 cr.
32804303	Applied Math	<u>2 cr.</u>
Occupational Supportive Total		4 cr.
TOTAL 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 can earn this technical diploma.

Automotive Service Technician

Technical Diploma
28 Credits / 1 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 earn this technical diploma.

Automotive Technician

Technical Diploma
54 Credits / 2 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 earn a bachelor's degree.

Transfer Center



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

Estimated program cost: \$4,812 - Tuition and fees.

Average monthly salary: \$3,222*

*Average monthly salaries from aggregated statewide graduate outcomes data

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.

TOTAL PROGRAM REQUIREMENTS **28 cr.**



Education Foundation



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

Campus: Rice Lake

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

Potential careers available with further education include:

- Automotive Service Center Manager
- Automotive Engineer
- Automotive Engineering Technician

Estimated program cost: \$9,648 - Tuition and fees.

Employed full-time in related field: 100%**

Average monthly salary: \$3,302*

*Average monthly salaries from aggregated statewide graduate outcomes data

**2020-21 Graduate Follow-Up Survey Data

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.
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.
TOTAL PROGRAM REQUIREMENTS		54 cr.



Education Foundation

Diesel Equipment Technician Technical Diploma - 2 years (financial aid eligible)

Campus: New Richmond

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: \$10,704 - Tuition and fees.

Employed full-time in related field: 67%**

Average monthly salary: \$4,902*

*Average monthly salaries from aggregated statewide graduate outcomes data

**2020-21 Graduate Follow-Up Survey Data

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	2 cr.
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.
TOTAL PROGRAM REQUIREMENTS		58 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 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

Continue your education to earn 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

Continue your education to earn a bachelor's degree.

Transfer Center



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: \$7,342 - Tuition and fees.

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.
TOTAL 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: \$5,235 - Tuition and fees.

Employed full-time in related field: 100%

Average monthly salary: \$3,410

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.
TOTAL PROGRAM REQUIREMENTS		30 cr.



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: \$2,113- Tuition and fees.

Employed full-time in related field: 83%

Average monthly salary: \$5,561

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.

TOTAL PROGRAM REQUIREMENTS 10 cr.

The CDL test is not included within the Truck Driving program. Testing fees are set by the state of Wisconsin. To test and receive your CDL, you have the option to test at Northwood Tech or with any examiner in Wisconsin. Testing through Northwood Tech reduces some of the process for you. Please expect an additional fee for the test.



University Transfer Degree - Associate to Bachelor's/Arts or Science
Associate Degree - 2 year (financial Aid eligible)

Campuses: Online
 Academic partnership with UW-Superior

Associate to Bachelor's/Arts Program Overview

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.

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
- Economics
- Education
- English
- History
- Humanities
- Political Science
- Psychology
- Sociology

Estimated program cost: \$11,266 - Tuition and fees.

*Some Northwood Tech courses are also available through Online Live, allowing you to join your classes through the internet from anywhere. Connect with your instructor and classmates during live classes via the web.

Subject Area	Credits
English	6 cr.
Speech	3 cr.
Humanities	12 cr.
Social Science	12 cr.
Mathematics & Natural Science	10 cr.
Health/Wellness/Physical Education	1 cr.
World/Foreign Language	4 cr.
Diversity & Ethnic Studies	3 cr.
Electives	10 cr.

PROGRAM REQUIREMENTS 61 cr.

Some courses may be available On-Site; additional tuition required for In-person courses at UW-Superior.



For more details, scan the QR-code or visit NorthwoodTech.edu/programs



With the University Transfer Degree - Associate to Bachelor's/Art and the Associate to Bachelor's/Science programs, you will receive the cost savings and convenience of a complete liberal arts transfer degree while taking your classes Online or Online Live.

The University Transfer Degree - Associate to Bachelor's/Science program is an academic partnership with UW-Superior. Northwood Tech awards the degree and financial aid is awarded by Northwood Tech.

Upon completion of either 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).



University Transfer Degree

Associate to Bachelor's/Science Program Overview

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.

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
- Pre-Medicine
- Physics
- Science

Estimated program cost: \$11,266 - Tuition and fees.

*Some Northwood Tech courses are also available through Online Live, allowing you to join your classes through the internet from anywhere. Connect with your instructor and classmates during live classes via the web.

Subject Area	Credits
English	6 cr.
Speech	3 cr.
Humanities	6 cr.
Social Science	6 cr.
Mathematics & Natural Science	20 cr.
Health/Wellness/Physical Education	1 cr.
World/Foreign Language	4 cr.
Diversity & Ethnic Studies	3 cr.
Electives	12 cr.

PROGRAM REQUIREMENTS 61 cr.

Some courses may be available On-Site; additional tuition required for In-person courses at UW-Superior.



For more details, scan the QR-code or visit NorthwoodTech.edu/programs



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!

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
715.246.1812

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

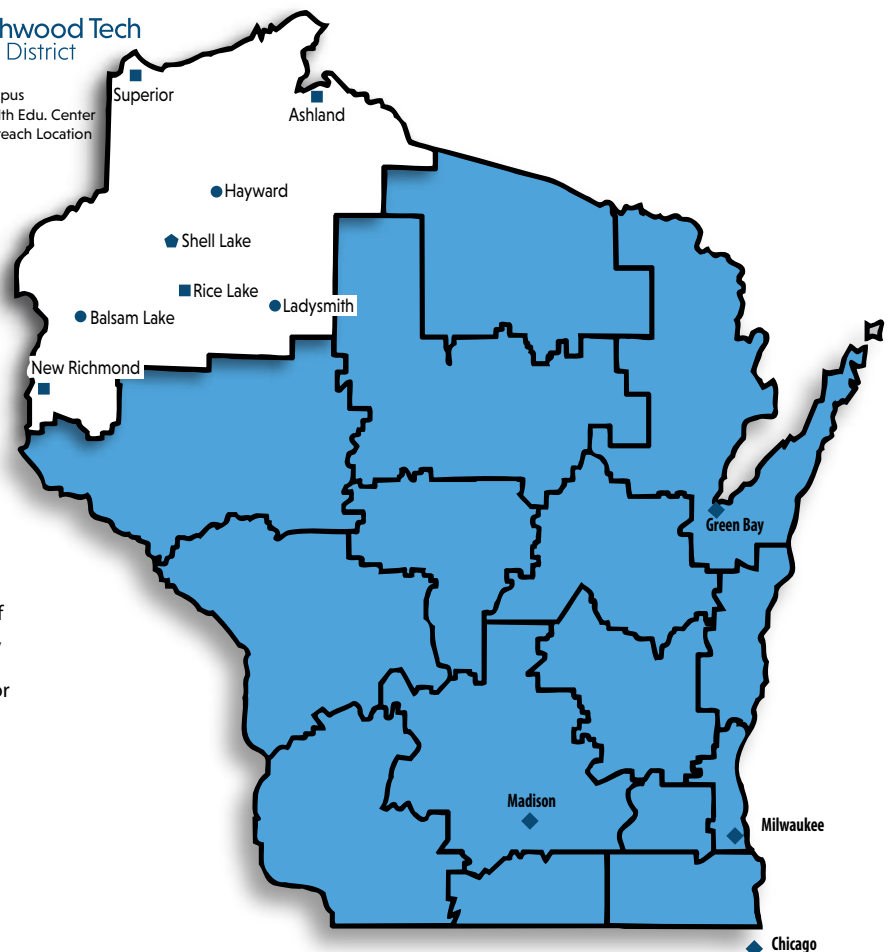
1104 Lake Ave. W. Suite #1
Ladysmith, WI 54848
715.532.3399
fax 715.532.5483

Shell Lake Health Ed Center

505 Pine Ridge Drive
Shell Lake, WI 54871
715.468.2815
fax 715.629.1286

**Northwood Tech
District**

- Campus
- ◆ Health Edu. Center
- Outreach Location



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