



VIEWBOOK

2016-2017



 **Northeast**
Wisconsin Technical College

nwtc.edu/anywhere

NWTC QUICK FACTS

FOUNDED: 1912

LOCATIONS: Campuses in Green Bay, Marinette, and Sturgeon Bay; regional learning centers in Crivitz, Luxemburg, Niagara, Oconto Falls, and Shawano; plus, six additional locations in Northeast Wisconsin.

ENROLLMENT: NWTC served over 38,000 students in 2014-2015. Approximately 10,000 students pursued degrees, diplomas, and certificates.

ACADEMIC PROGRAMS: 200+ associate degrees, technical diplomas, certificates, and apprenticeships.

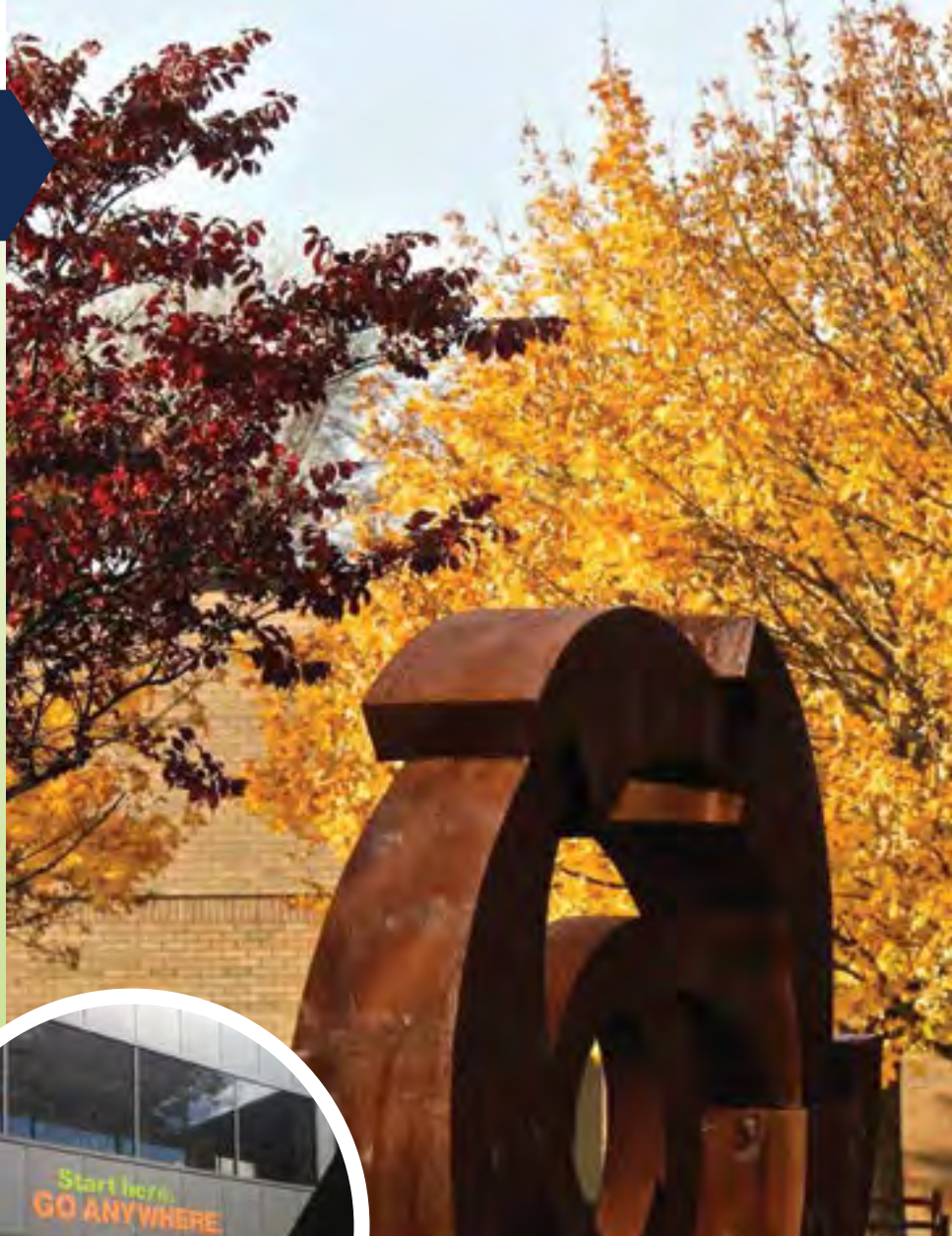
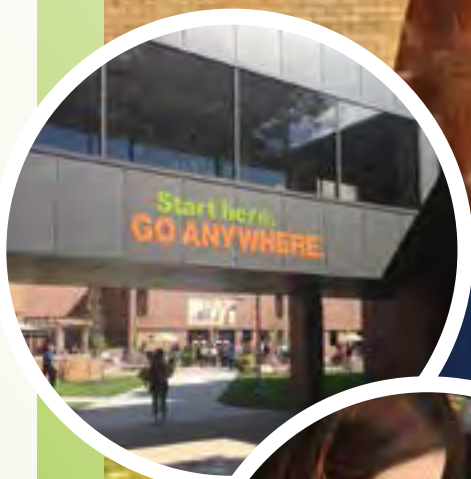
GRADUATE SUCCESS: 93 percent of 2015 NWTC grads were employed within six months of graduation; 76 percent of those grads were employed in their career field. Hundreds of grads transferred to four-year colleges and universities.

TRANSFER OPPORTUNITIES: NWTC has 351 transfer agreements with 39 other colleges and universities.

STUDENT-TO-FACULTY RATIO: 16 to 1

NATIONALLY RECOGNIZED

- NWTC is one of four national finalists for the 2016 American Association of Community College Awards of Excellence in the Student Success category.
- NWTC is an Achieving the Dream College.



Get Ready

GO

**FOR HIGH-TECH SKILLS AND
HANDS-ON EXPERIENCE, IN ONE OF
200-PLUS CAREER FIELDS.**

GO

**FOR A SOLID START ON YOUR
FOUR YEAR DEGREE.**

GO

FOR YOUR SUCCESSFUL FUTURE.

TABLE OF CONTENTS

- About NWTC/Living Your Passion5
- Graduate Success6
- Paying for College.....7
- Transfer Opportunities.....8-9
- Ways of Learning10
- Student Success Tools11
- NWTC Pathways.....12
- Visiting NWTC/Locations.....13
- College Life14
- Study Abroad/
International Students.....15
- List of Programs by Interest.....16-17
- Degree and Diploma
Program Descriptions18-77
- How to Apply/Assessment78
- Alphabetical Listing of Programs.....79

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Get Set.

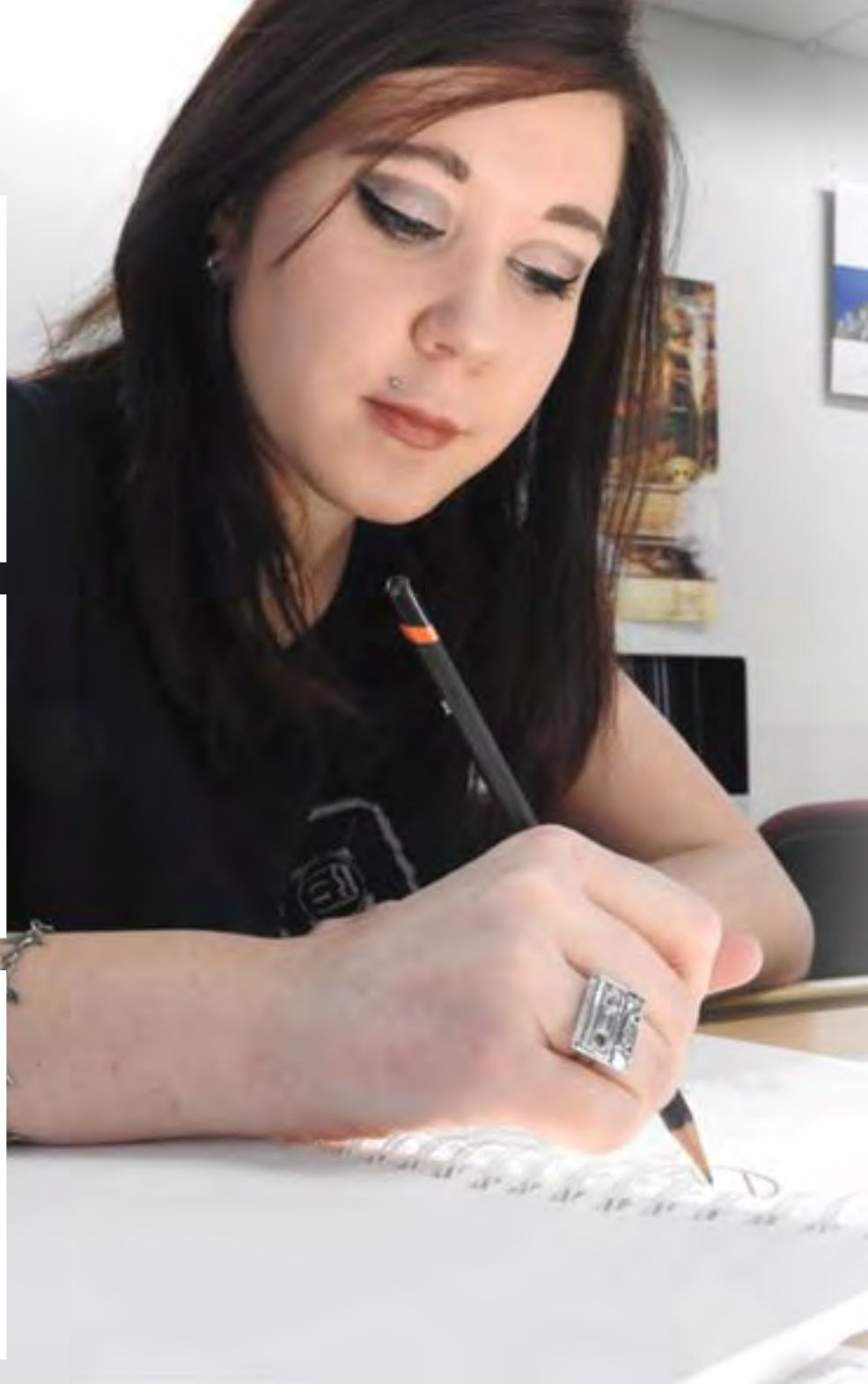
GO!

#NWTCSGO

nwtc.edu/**anywhere**

920-498-5444 | 888-385-6982

start@nwtc.edu



OUR PASSION?

STUDENT SUCCESS.

GO FOR *YOUR* PASSION



Find your passion and prepare for your future at NWTC. Founded in 1912, we are a nationally-ranked, two-year public college. With over 200 career-focused degree, diploma, certificate, and apprenticeship programs, you'll follow a career path that's your perfect fit. Along the way, you'll have the opportunity to make a difference in the community with your time and talents through service-learning.

All NWTC students are provided with the tools for success. As a result, 93 percent of our grads have careers within six months of graduation; 76 percent of those grads are employed in their

career fields. Plus, hundreds of grads continue their education through NWTC's transfer agreements with 39 other colleges/universities.

You can be confident in choosing NWTC for your education. Our commitment to student success is nationally-recognized.

- NWTC is designated as a Leader College by Achieving the Dream – the national, nonprofit champion for student success and data-informed decision-making.
- The College is one of four national finalists for the 2016 American Association of Community College Awards of Excellence in the Student Success category.

Start here.
GO ANYWHERE.

“ All my memories at NWTC were awe-inspiring. Everyone is there to help you succeed. ”

Westley, Design and Graphic Technology



GO FOR A CAREER

“NWTC has given me the tools to seek out an excellent company to work for and to succeed in my field of work.”

Christopher, Electronics

2015 NWTC GRADS — BY THE NUMBERS

93% are employed | **76%** of those grads are employed in their career field

Median annual salary of grads** in 21 degree and diploma programs

\$40,000 TO \$56,600

98% are very satisfied or satisfied with their training

97% work in the state* | **71%** work in the district*

49 programs had | **100%** employment

Median annual salary of associate degree grads**

\$38,200

Source: 2014-2015 NWTC Graduate Follow-Up Report which contains employment related findings for the Summer 2014 through Spring 2015 graduates at approximately six months after graduation. All 2,568 graduates were contacted via email and/or phone and asked to complete the survey; and 1,860 graduates completed the survey. See full report at nwtc.edu/careers for complete survey information. *Of grads employed in career field; ** Of grads employed full-time in career field.

LEARN MORE

nwtc.edu/careers

GO FOR EXCEPTIONAL VALUE



Graduating with less student debt is pretty smart, right? At NWTC, you'll get the experience employers want while spending a lot less in tuition. Plus, a variety of resources are available including scholarships, financial aid, and payment plans.

COMPARE THE COST

\$1,745
semester

NWTC

\$3,912*
semester

4-year public university

\$5,916
quarter

For-profit college or university

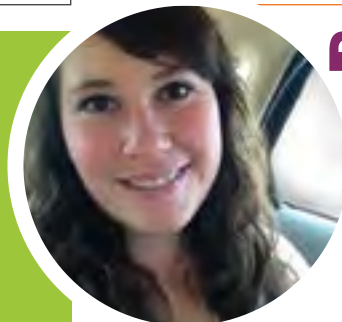
\$17,691
semester

Private college or university

Tuition/minimum fees for 2016-2017 academic year unless otherwise indicated; based on 12-credit semester or quarter; in-state tuition for NWTC and four-year public university. *2015-2016 tuition/minimum fees; 2016-2017 numbers unavailable at time of printing.

NWTC IS ACCREDITED & AFFORDABLE!

Northeast Wisconsin Technical College is accredited by the Higher Learning Commission, a commission of the North Central Association.



“ I chose NWTC because I would be able to pay my tuition as I went to school. It is affordable, and I didn't want to be in debt. ”

Jacqueline, Medical Laboratory Technician

FINANCIAL AID

Apply to receive free grants, low-interest loans, and work-study jobs by filling out the Free Application for Federal Student Aid at www.fafsa.gov. You'll need NWTC's Title IV School Code – 005301. FAFSA is available in mid-January for the next school year.

SCHOLARSHIPS

More than 600 scholarships are available to current and future NWTC students through the NWTC Educational Foundation. Scholarships are offered through many other public and private sources.

PAYMENT PLAN

Divide tuition costs into easy monthly payments. There's no interest and only a \$30 setup fee.

TOTAL COST FOR EACH DEGREE

To see the total cost of completing each degree, visit nwtc.edu and enter “cost” in the site search box.

LEARN MORE

nwtc.edu/PayingForCollege

GO FOR YOUR BACHELOR'S DEGREE

Begin your bachelor's degree at NWTC and save thousands of dollars in tuition at a nationally-recognized college. NWTC's transfer programs are offered through collaborative agreements with 39 four-year college and university partners, providing seamless transfer of credits. Many of the programs enable you to start and finish your bachelor's degree right here in Northeast Wisconsin!

**Start here.
GO ANYWHERE.**



“ I finished my two-year program at NWTC and went on to graduate from UW-Stout with a BS in Manufacturing Engineering. Hired before graduation, and I’ve been working in my field since. This is a great track to become an engineer, and very cost effective! ”

Justin, Manufacturing Engineering Technology



STILL IN HIGH SCHOOL? CHECK OUT DUAL CREDIT

Jumpstart your college education through dual credit opportunities like Youth Options, Youth Apprenticeship, Transcribed Credit, and more. You'll earn college credit while earning credit toward high school completion at the same time! If you've already earned dual credits, contact an NWTC academic advisor to learn how you can make the most of your credits—

920-498-5444 or more.info@nwtc.edu

Tip! Take NWTC general studies classes—like communication, psychology, and English composition – and transfer your credits just about anywhere! You'll get the same quality education as freshman-level university classes.

ENGINEERING TECHNOLOGY TRANSFER PROGRAMS

- Environmental Engineering Technology
- Mechanical Engineering Technology
- Electrical Engineering Technology
nwtc.edu/EngineeringTransfer
- Manufacturing Engineering Technology
- Civil Engineering Technology

WANT GUARANTEED TRANSFER?

Earn NWTC's General Studies Transfer Certificate and qualify for sophomore status at UW-Green Bay or UW-Oshkosh. Up to 33 certificate credits will transfer—guaranteed.

General education courses are offered at the NWTC campuses in Green Bay, Marinette, and Sturgeon Bay; and at the regional learning centers in Crivitz, Luxemburg, Niagara, Oconto Falls, and Shawano. Many classes are offered online and in other flexible formats.

LEARN MORE—nwtc.edu/transfer



“With hundreds of programs to choose from and transferable credits, NWTC is an amazing starting point for many careers.”

Hannah, Health Information Technology

GO FOR REAL-WORLD EXPERIENCE



Ask any NWTC student what they love about the College, and one of the top responses you'll get is "the hands-on." Sure, our instructors have real-world stories to tell from their years of working in the industry, and our classrooms are filled with lively discussions. But our students are also getting ready for the workforce by doing. Experiential learning opportunities at NWTC include internships, service-learning, field research, and many more options.

HOW DO YOU LIKE TO LEARN?

Whether you prefer face-to-face classes or your home computer, NWTC has options for you, like:

Online courses – learn at home or anywhere you can take your laptop or tablet

Accelerated learning – more independent projects, fewer class meetings

Blended learning – combines online learning and in-person meetings

Evening/weekend programs – keep your days free for work and family

Exceler8 learning – designed for busy, working adults

LEARN MORE—nwtc.edu/WaysofLearning

“ I was able to keep my full-time job and take care of my general education credits without the hassle of a commute. Some of my program courses were offered over the summer. That gave me more time to work during the school year. ”

Scott, Prototype and Design

GO FOR SUCCESS WE'LL HELP!



From the moment you become an NWTC student to the day of graduation, help is available every step of the way. Take a look at just some of the tools and services designed to help you be successful in college and in life. Our staff and faculty are here to help you!

STUDENT SUCCESS CENTER

Get the support you need to succeed! In the Student Success Center, you'll find the Library, academic coaching, the Intensive English Program, and basic education classes.

CAREER SERVICES

Explore career options and get job-seeking assistance – including help with your resume and job interviews. Plus, NWTC students and grads have access to WI TechConnect, a searchable database of part- and full-time jobs submitted by employers who are interested in hiring Wisconsin Technical College students and alumni.

VETERANS RESOURCE CENTER



Connect with your peers, meet with the veterans advisor and school certifying official, and get the information and resources you need as you make the transition from military to civilian and student life.

FREE HEALTH CARE AND COUNSELING

For treatment of common illnesses, visit Campus Care on our Green Bay campus. Plus, confidential personal counseling is available through Counseling Services.



“There’s a lot of help here at NWTC. The teachers are amazing. They’re always helping. It’s all about you. If you want to keep going, there are no excuses not to do it.”

Edgar, Gas Utility
Construction and Service

MORE TOOLS FOR SUCCESS

Computer labs

Academic advising

Academic planning tools

Starfish – an early alert academic performance system that lets you know when you’re doing well and when you need to work on a few things to get back on track

Bookstore

Academic coaching

Assistance for students with IEPs and other accommodation services

IT Help Desk – providing 24-hour support with computer software, hardware, and Blackboard

Financial coaching

Support services for single parents, foster youth, first generation and minority students, students in non-traditional careers, and more

Student Emergency Fund

Career Closet

Shared Harvest Food Pantry

RESOURCES WHEREVER YOU ARE

All of the services listed are housed within the Student Success Center on the Green Bay campus.

Many of the resources are also offered at your local campus or regional learning center in Marinette, Sturgeon Bay, Crivitz, Luxemburg, Niagara, Oconto Falls, and Shawano.

NWTC pathWAYS

WANT MORE FROM YOUR COLLEGE DEGREE?

Follow your own pathway to success. If you want to go to college full-time and earn your degree in two years, you can do it at NWTC. If you want to start with a certificate that can help you obtain an entry-level career – and then come back later on to continue your education – you can do that here too. Another excellent option is to save time and money by earning college credit in high school.

SAMPLE PATHWAY

▶ ASSOC. DEGREE	<p>ASSOCIATE DEGREE \$39,000 - \$56,000*</p> <p>Become a skilled technician with even higher earning potential!</p>	
▶ TECH. DIPLOMA	<p>TECHNICAL DIPLOMA \$28,000 - \$31,000*</p> <p>Prepare for entry-level technical careers and higher earning potential.</p>	
▶ CERTIFICATE	<p>CERTIFICATE(S) \$23,000 - \$25,000*</p> <p>Quickly advance your career or enter a new field.</p>	
▶ CERTIFICATE	<p>PATHWAY CERTIFICATE(S) \$21,000 - \$23,000*</p> <p>Earn a set of industry-recognized skills and a credential that leads to an entry-level, skilled job – in as little as five credits.</p>	
▶ K12	<p>K12 COURSES <i>Not all K12 credits will apply to all credentials</i></p> <p>Jumpstart your college education and career while still in high school! Your high school may offer specific transcribed credit courses that apply toward completion of certificates; technical diploma, and associate degree programs.</p>	

Eligible to take
INDUSTRY-SPECIFIC
CERTIFICATION/LICENSING
EXAM(S)

CERTIFICATION

“...it’s been a good experience all along.”

- Adrian Murre
Fire Medic

WE’LL HELP YOU FIND
THE PATHWAY THAT
WORKS BEST FOR YOU!

TO VIEW LIST OF
COLLEGE TRANSFERS
FOR BACHELOR’S DEGREES:

www.nwtc.edu/collegetransfer

*SAMPLE OF POTENTIAL SALARY PROGRESSION

VIEW PROGRAMS OR FOR MORE INFORMATION

nwtc.edu/pathways or call 920-498-5444 or 1-888-385-6982

WHAT IS IT LIKE TO BE AN NWTC STUDENT?

Take a tour or immerse yourself in the student experience through classroom shadows. We can't wait to meet you!



VISIT NWTC

Start here.
GO ANYWHERE.

TOURS

Green Bay

Register online for weekly tours of the Green Bay campus. While you're here, grab some lunch in the Commons or coffee in the Campus Buzz Café. Go to www.nwtc.edu/visit

Marinette, Sturgeon Bay, and RLCs

Interested in seeing our other campuses or regional learning centers? Give us a call, and we'll arrange your visit.

Classroom shadows

Join us in our labs and classrooms to get a glimpse into the lives of our students. Call us to schedule your personalized shadow experience.



“ I want to make a difference in people's lives through the work that I do. I want to be able to wake up each day and be proud of what I do and knowing that what I do matters. **”**

Sue Lor, Criminal Justice

NWTC LOCATIONS

Campuses

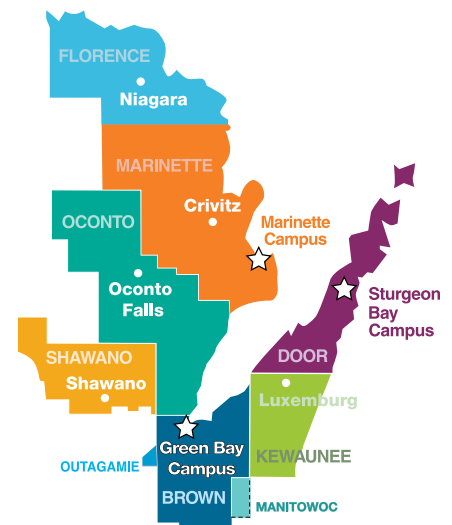
Green Bay 920-498-5400; 800-422-NWTC
Marinette 715-735-9361; 800-422-NWTC
Sturgeon Bay 920-746-4900; 800-422-NWTC

Regional Learning Centers

Crivitz 715-854-3338; 866-854-3338
Luxemburg 920-845-5945; 866-845-5945
Niagara 715-251-3790; 866-528-5883
Oconto Falls 920-848-6982; 866-639-6982
Shawano 715-524-2418; 877-316-1274

Additional Locations

- Artisan & Business Center–Downtown Green Bay
- Northwoods Regional Technical Academy–Wausaukee High School
- Woodland Kitchen and Business Incubator–Aurora
- Woodland Regional Technical Academy–Aurora
- Ahnapee Regional Technical Academy–Kewaunee, Luxemburg/Casco, and Algoma
- North Coast Marine & Advanced Manufacturing Center–Marinette



LEARN MORE

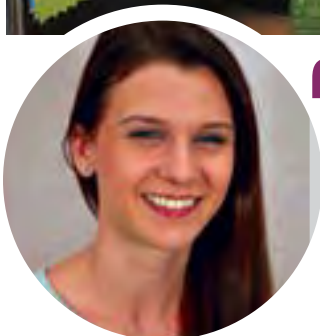
nwtc.edu/places

GO FOR THE COLLEGE EXPERIENCE

LIVE MUSIC STUDENT CLUBS MULTICULTURAL EVENTS FITNESS CENTER



Live music and entertainment, student clubs (there are over 40 of them!) multicultural events, a fitness center, and so much more—



“Enjoy your college experience. Work hard, play harder. Get involved in a club, and grab on to those opportunities you would not normally go for.”

Alivia, Paralegal

It's all at NWTC.
GO FOR IT!



COMING THIS FALL!

THE ORCHARDS CAMPUS LIVING —STUDENT HOUSING

Experience college living right next to the Green Bay campus. You'll not only be incredibly close to your labs and classrooms, you'll be just steps away from awesome college events and resources like the library and fitness center. Plus, you'll be part of a diverse student community – creating lasting friendships (and finding good study partners!).

www.lorchard.com

**northeast
wisconsin
technical
college**

GET SOCIAL








[#nwtcgo](https://twitter.com/nwtcgo)

LEARN MORE

nwtc.edu/studentinvolvement

GO GLOBAL - STUDY ABROAD

IMPACT YOUR WORLD VIEW



Want to travel and learn?

NWTC offers study abroad opportunities in many areas of study. You can earn credits toward graduation while making contacts and friendships from around the world. Upcoming programs include trips to Guatemala, London, Belize, Barcelona, China, and Ireland. Financial support is available.

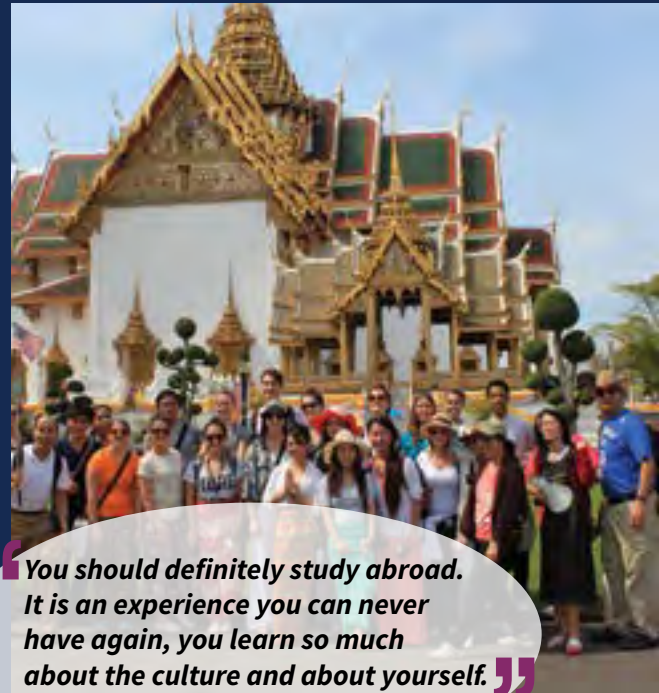
LEARN MORE

nwtc.edu/StudyAbroad or contact NWTC International Programs, 920-498-5451 or 800-422-NWTC, ext. 5451



AN INTERNATIONAL PERSPECTIVE

NWTC has welcomed students from more than 23 countries around the globe including Camilo from Bogota, Colombia. After completing his NWTC certificate in early childhood education, Camilo intends to teach low-income children in his home country.



“You should definitely study abroad. It is an experience you can never have again, you learn so much about the culture and about yourself.”

NWTC Study Abroad student



“It’s something really good for a person to travel here, live here, and get education here. I want to bring all the good things I’ve experienced here into the education environment.”



LEARN MORE

nwtc.edu/international

ASSOCIATE DEGREES

CERTIFICATES APPRENTICESHIPS

TECHNICAL DIPLOMAS



**GENERAL STUDIES
TRANSFER**
Page 43

CERTIFICATE
General Studies
Transfer Certificate—
UW Green Bay
General Studies
Transfer Certificate—
UW Oshkosh



BUSINESS Page 27-36
ASSOCIATE DEGREE

Accounting
Administrative Professional
Broadcast Captioning
Business Analyst
Business Management
Business Management -
Advertising and Promotions
Management
Business Management -
Entrepreneurship
Business Management -
Global Supply Chain Management
Business Management -
Hotel & Restaurant Management
Design & Graphic Technology
Health Care Business Services



DIGITAL ARTS Page 37-39
ASSOCIATE DEGREE
Design & Graphic Technology
Digital Media Technology

TECHNICAL DIPLOMA
Photography
Print Technology

Human Resources
Leadership
Development
Manufacturing
Operations Management
Marketing
Supply Chain Management

TECHNICAL DIPLOMA
Accounting Assistant
Digital Marketing
Hospitality Management
Office Professional
Professional Sales

CERTIFICATE
Business Operations
Business Professional
Essentials
Business Software Essentials



ENERGY Page 40-42
ASSOCIATE DEGREE
Energy Management
Technology

Nuclear Technology
Solar Energy Technology
Utilities Engineering Technology
Wind Energy Technology

TECHNICAL DIPLOMA
Electrical Power Distribution
Gas Utility Construction
and Service

CERTIFICATE
Energy Management
Renewable Energy -
Solar Electric
Renewable Energy -
Solar Thermal

CERTIFICATE
Audio Production
Clay
Digital Photography
Digital Photography - Advanced
Internet Broadcasting
Web Design
Woodturning

Customer Service
Digital Marketing
Employee Benefits,
Relations, and
Development
Entrepreneurship
Ethical Leadership
Health Care Business Services
Health Care Leadership
Health Care Leadership - Advanced
Human Resource Compliance
Organizational Safety & Health
Professional Sales
Promotions and Event
Management

Quality Improvement
and Innovation
Service Writer
Small Business Bookkeeping
Supervision



ARCHITECTURE & CONSTRUCTION Page 22-26
ASSOCIATE DEGREE

Architectural Technology
Civil Engineering Technology
Construction Management Carpentry **[new]**
Construction Management Electricity **[new]**
Construction Management Masonry **[new]**
Energy Management Technology
Fire Protection Engineering Technology
Heating, Ventilation, Air Conditioning
and Refrigeration Technology
Prototype and Design
Solar Energy Technology

TECHNICAL DIPLOMA
Carpentry
Electrical Power Distribution
Electricity
Gas Utility Construction and Service
Industrial Maintenance Mechanic
Masonry **[new]**

CERTIFICATE
CAD (Computer Aided Drafting)
Energy Management
Maintenance Electricity
Parametric Modeling
Renewable Energy - Solar Electric
Renewable Energy - Solar Thermal

GO



AGRICULTURE, FOOD & NATURAL RESOURCES Page 18-21

ASSOCIATE DEGREE
Environmental Engineering -
Waste & Water Technology
Landscape Horticulture
Solar Energy Technology
Sustainable Food and
Agriculture Systems
Vineyard Management (Viticulture)
Wind Energy Technology
Winemaking (Enology)

TECHNICAL DIPLOMA
Farm Business and Production
Management

CERTIFICATE
Greenhouse Growers
Landscape Installation **[new]**
Plant Healthcare Management
Renewable Energy - Solar Electric
Renewable Energy - Solar Thermal

Sustainable Agriculture
Vineyard Management
Winemaking
Winemaking Advanced



*An apprenticeship is an
EARN-WHILE-YOU-LEARN
program of on-the-job training
combined with related
classroom instruction.
See available apprenticeships
at nwtc.edu/apprenticeship*



HEALTH SCIENCES

Page 44-51

ASSOCIATE DEGREE

Dental Hygienist
Diagnostic Medical Sonography
Gerontology
Health Care Business Services
Health Information Technology
Medical Laboratory Technician
Nursing - Associate Degree
Physical Therapist Assistant
Radiography
Respiratory Therapist
Wellness and Health Promotion

TECHNICAL DIPLOMA

Advanced EMT (AEMT)
Certified Medication Assistant
Dental Assistant
Emergency Medical Technician
Medical Assistant
Medical Coding Specialist
Nursing Assistant
Ophthalmic Medical Assistant
Paramedic
Pharmacy Technician
Practical Nursing
Surgical Technologist
Therapeutic Massage

CERTIFICATE

Central Service Technician
Health Care Leadership
Health Care Leadership - Advanced
Healthcare Customer Service Representative
Personal Care Worker
Phlebotomy



HUMAN SERVICES & EDUCATION Page 52-57

ASSOCIATE DEGREE

Early Childhood Education
Foundations of Teacher Education
Human Services **[new]**
Individualized Technical Studies
Individualized Technical Studies - Journeyworker

TECHNICAL DIPLOMA

Autism Technician **[new]**
Paraeducator **[new]**
Substance Abuse Counselor
Education **[new]**

CERTIFICATE

Bilingual/English Language Learning
Early Childhood - Childcare Administration
Early Childhood - Infant Toddler
Early Childhood Licensing
Basic Ages 0-2
Early Childhood Licensing
Basic Ages 3-5
Early Childhood, The Inclusion
Early Childhood, The Preschool
EC: Program Development **[new]**
ECE: Autism
Intensive English Program - Advanced
Intensive English Program - Intermediate
Introduction to Paraeducator Careers
Library Assistant
Special Education
Substance Abuse Specialist **[new]**
Supporting Children's Learning



INFORMATION TECHNOLOGY Page 58-62

ASSOCIATE DEGREE

Business Analyst
Computer Support Specialist - IT
Network Specialist - IT
Software Developer
Web Development

TECHNICAL DIPLOMA

Cisco System Administrator
Computer Support Technician
Linux System Administrator
Microsoft System Administrator
Virtualization System Administrator
Web Application Programming Technician
Web Design Technician

CERTIFICATE

Computer Support
Networking
Web Application Programming
Web Design

CERTIFICATE

Emergency Dispatch
Jail and Juvenile Officer Academy
Jail Officer Academy
Law Office Administrator **[new]**

TECHNICAL DIPLOMA

Advanced EMT (AEMT)
Criminal Justice 720 Law Enforcement Academy
Emergency Medical Technician
Fire Science
Paralegal Post Baccalaureate **[new]**
Paramedic

CERTIFICATE

Industrial Maintenance
Intro to MIG Welding
Mold and Stamping Die Design
Parametric Modeling
Plant Engineer Mechanical Maintenance
Power Generator
Weld Inspection
Science, Technology, Engineering and Mathematics
CAD (Computer Aided Drafting)



LAW, PUBLIC SAFETY AND SECURITY

Page 63-67

ASSOCIATE DEGREE

Court Reporting
Criminal Justice - Law Enforcement
Criminal Justice - Professional Studies
Fire Medic
Fire Protection
Engineering Technology
Paralegal



MANUFACTURING

ASSOCIATE DEGREE

Page 68-71

Automation Engineering Technology
Biomedical Electronics **[new]**
Electro-Mechanical Technology
Manufacturing Engineering Technology
Manufacturing Operations Management
Prototype and Design
Supply Chain Management

TECHNICAL DIPLOMA

Machine Tool - CNC Technician
Machine Tool Operation
Welding



SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS

Page 72-74

ASSOCIATE DEGREE

Biomedical Electronics **[new]**
Civil Engineering Technology
Electrical Engineering Technology
Fire Protection Engineering Technology
Laboratory Science Technology **[new]**
Manufacturing Engineering Technology
Mechanical Design Technology
Nuclear Technology
Prototype and Design
Utilities Engineering Technology

TRANSPORTATION, DISTRIBUTION & LOGISTICS Page 75-77

ASSOCIATE DEGREE

Auto Collision Repair and Refinishing Technology
Automotive Technology
Diesel Equipment Technology
Supply Chain Management

TECHNICAL DIPLOMA

Auto Collision Repair and Refinishing Technician
Automotive Maintenance Technician
Automotive Technician
Diesel and Heavy Equipment Technician



CERTIFICATE

Power Generator
Service Writer

FOLLOW YOUR PASSION

with one of over 200 associate degrees, technical diplomas, certificates, and apprenticeships. You'll get the hands-on skills and knowledge that lead to rewarding careers. If a bachelor's degree is in your future, earning a degree or diploma at NWTC is a great start. You'll save thousands in tuition while attending a nationally-recognized college.

READY TO APPLY?

Go to: nwtc.edu/apply



AGRICULTURE, FOOD AND NATURAL RESOURCES



NWTC PATHWAY PROGRAMS



LANDSCAPE HORTICULTURE — 100014



LANDSCAPE INSTALLATION — 610012



ALSO AVAILABLE IN SOME HIGH SCHOOL DISTRICTS



ENVIRONMENTAL ENGINEERING -- WASTE & WATER TECHNOLOGY — 105062



2+2 AGREEMENT WITH A 4-YEAR UNIVERSITY



ASSOCIATE DEGREE

Environmental Engineering - Waste & Water Technology
Landscape Horticulture
Solar Energy Technology
Sustainable Food and Agriculture Systems
Vineyard Management (Viticulture)
Wind Energy Technology
Winemaking (Enology)



TECHNICAL DIPLOMA

Farm Business and Production Management



CERTIFICATE

Greenhouse Growers
Landscape Installation **[new]**
Plant Healthcare Management
Renewable Energy - Solar Electric
Renewable Energy - Solar Thermal
Sustainable Agriculture
Vineyard Management
Winemaking
Winemaking Advanced



NWTC PATHWAYS are designed to give students a clear path to industry-recognized skills and market-approved job opportunities. No matter where you are on your career path, you can be confident you won't lose your progress. For example, you may find courses from a certificate or technical diploma existing fully within an associate degree. Every credential leads to higher earning potential! Visit nwtc.edu for the most current Pathways updates. Other examples of NWTC Pathways include:



THE HIGH SCHOOL, OR TECH NOW, PATHWAY allows junior and senior high school students to apply dual credits to college-level credentials. Check with your school counselor for availability.



CAREER PATHWAY BRIDGES are available for students who did not meet program entry scores, ELL students, or students in need of a high school diploma or GED. Gain additional language and/or basic academic skills while working to complete a certificate and/or diploma.



THE 2+2 ARTICULATION AGREEMENT PATHWAY allows you to transfer all of your NWTC credits to specific four-year university partners. Students who transfer will have completed two of the four years required in the four-year degree.



PROGRAM TO PROGRAM BRIDGE PATHWAYS allow you to apply credit from your prior education and job experience to a related program.

 **ASSOCIATE DEGREE**

ENVIRONMENTAL ENGINEERING - WASTE & WATER TECHNOLOGY

Program Code: 105062

This associate degree program is designed to meet the need for environmental engineering technicians in Northeast Wisconsin. As a program grad, you're equipped with skills to analyze and test water, wastewater, air, and solid waste to ensure environmental protection and compliance while maintaining community health and safety. Typical careers include environmental engineering technician, water and waste water treatment plant and system operator, water resource specialist, environmental lab technician, environment compliance officer, water quality sampler, quality control inspector, and recycling coordinator. Students have the option to be certified in 40 hour HAZWOPER WDNW Wastewater, Water, and/or Landfill Operator with completion of coursework and independent testing.



Ask your advisor about 2+2 transfer opportunities.

TOTAL CREDITS: 69

MEDIAN STARTING SALARY: \$43,677*

 **ASSOCIATE DEGREE**

LANDSCAPE HORTICULTURE

Program Code: 100014

Professionals are needed to design, install and maintain exceptional landscapes. As a Landscape Horticulture graduate, you can create pencil sketching of common landscaping ideas, design landscapes, build and install hardscapes and plants, write cost estimates for labor and materials, perform ground maintenance, safely operate landscape and construction equipment, and have a working knowledge of the safe use of pesticides. Plus you can propagate, grow, and sell all types of ornamental and greenhouse plants. You will hone your skills in NWTC's Landscape Horticulture Learning Center located right on the Green Bay Botanical Garden grounds, giving you the unique opportunity for hands-on learning on a 47-acre ornamental lab with display gardens and natural areas. NWTC's Landscape Horticulture program is the only accredited program in the state of Wisconsin that is located on a botanical garden.

TOTAL CREDITS: 69



All credits in the Landscape Installation (610012) certificate apply toward this associate degree.

MEDIAN STARTING SALARY: \$27,038*

 **ASSOCIATE DEGREE**

SOLAR ENERGY TECHNOLOGY

Program Code: 104824

Find the program description within the Architecture and Construction cluster, page 24, or the Energy cluster, page 41.

 **ASSOCIATE DEGREE**

SUSTAINABLE FOOD AND AGRICULTURE SYSTEMS

Program Code: 100903

As a graduate of the Sustainable Food and Agriculture Systems associate degree program, you're ready for careers in sustainable gardening, field crop production, livestock operations as well as emerging areas like aquaponics. You will have the necessary knowledge to run your own successful food-related business and add value to your farm products or be qualified for employment in a variety of positions associated with sustainable agriculture, including commercial gardens, livestock operations, farmer support, and local food system efforts.

TOTAL CREDITS: 67

MEDIAN STARTING SALARY: \$46,000*





ASSOCIATE DEGREE

VINEYARD MANAGEMENT (VITICULTURE)

Program Code: 103201

Midwesterners who dream of a career in wine country don't need to migrate to California. As Wisconsin's grape growing industry expands, business owners are looking for employees and suppliers right here. As a graduate of the Vineyard Management associate degree program, you have the skills necessary to own and operate or be employed at a vineyard as a vineyard manager or vineyard worker. You are skilled in planting, pruning, training, harvesting, gathering, sustainability, integrated pest management, and storing grapes and other fruits.

TOTAL CREDITS: 65

MEDIAN STARTING SALARY: \$52,300*



ASSOCIATE DEGREE

WINEMAKING (ENOLOGY)

Program Code: 103202

Careers in the wine industry exist right here in Northeast Wisconsin. As a graduate of the Winemaking program, you're prepared for a career as a winemaker, winemaking assistant, cellar worker, or tasting room host. You're skilled in fermentation, clarification, and aging of juice and wine; lab methodologies; sanitization; quality control; winery equipment operation; grape maturity testing; and wine and must analysis. The Winemaking program offers students an internship at a local winery, providing an intense level of practical and realistic winery experiences.

TOTAL CREDITS: 63

MEDIAN STARTING SALARY: \$43,000*



ASSOCIATE DEGREE

WIND ENERGY TECHNOLOGY

Program Code: 104821

The wind energy industry is the fastest growing segment of renewable energy production. The U.S. and Canadian commercial wind farms are experiencing annual growth of 25 percent. Employers seek skilled technicians for operation and maintenance activities in local wind farm settings. Within U.S. and international wind turbine manufacturers, there is also intense demand for upper-level technicians including installation technicians, quality control technicians, and warranty and commissioning technicians. Operation and maintenance positions remain with wind farm locations; other technicians travel extensively with the development of new wind farms and repair/retrofitting of wind farms around the world.

- A Lakeshore Technical College program offered at Northeast Wisconsin Technical College. For information call Toll-free: (888) 385-6982

TOTAL CREDITS: 67

MEDIAN STARTING SALARY: \$45,000*



TECHNICAL DIPLOMA

FARM BUSINESS AND PRODUCTION MANAGEMENT

Program Code: 300901

As a graduate of the Farm Business and Production Management program, you have the skills needed to compete and be profitable in the ever-changing agricultural economy. You are prepared to own and operate or be employed on today's modern farms. With additional education and/or work experience, you may become a dairy herdsman, general farm manager, farm records manager, crop supervisor, livestock feeding specialist, farm equipment and facilities maintenance manager, farm service employee, and field equipment operator.

TOTAL CREDITS: 24

MEDIAN STARTING SALARY: \$48,746*



GREENHOUSE GROWERS

Program Code: 900012

The Greenhouse Grower Certificate is designed to provide courses with learning activities that will teach the necessary job skills and knowledge to grow quality plants in a greenhouse environment. Each course will include lecture, demonstrations, discussion, and hands on work experience. Some of the activities will be scheduled using the resources of the Green Bay Botanical Garden.

TOTAL CREDITS: 17

[new]

LANDSCAPE INSTALLATION

Program Code: 610012

Looking to enter the green industry? Get started with the Landscape Installation certificate. You'll gain general knowledge of horticulture, woody plant identification, and landscape installation. Career opportunities include landscape technician, landscape maintenance, and grounds keeper.

pathWAYS All credits in this certificate apply toward the Landscape Horticulture (100014) associate degree. This certificate is also available for dual-credit in some high school districts.

TOTAL CREDITS: 8

PLANT HEALTH CARE MANAGEMENT

Program Code: 900015

The concepts of plant health care management focuses on trees and shrubs; and the management of insects, diseases, and a biotic disorder. Plant health care operations in the private and public sector will be examined as it would function during an actual growing season. Control options and strategies in pest control, soil management, and a biotic disorder will be emphasized. The course is designed for a student to have the foundation knowledge to enter into a plant health care technician position.

TOTAL CREDITS: 16

RENEWABLE ENERGY - SOLAR ELECTRIC

Program Code: 904821

Explore renewable energy generation systems with a focus on solar electric (photovoltaic) and solar thermal systems.

TOTAL CREDITS: 18

RENEWABLE ENERGY - SOLAR THERMAL

Program Code: 904822

Explore renewable energy with a focus on solar thermal systems.

TOTAL CREDITS: 15

SUSTAINABLE AGRICULTURE

Program Code: 900901

Discover the skills, science and art of producing crops, livestock and foods using organic and sustainable principles. Create a new business, transition toward organic, become certified, join a growing field.

TOTAL CREDITS: 11 or 12

VINEYARD MANAGEMENT

Program Code: 903201

Learn year-round vineyard operations and how to establish and maintain vineyards through online classes and field practicums.

TOTAL CREDITS: 15

WINEMAKING

Program Code: 903202

Learn beginning winemaking skills for yourself or to become a winery employee.

TOTAL CREDITS: 16

WINEMAKING ADVANCED

Program Code: 903203

Students will learn advanced wine-making skills with an opportunity for an internship at a local winery.

TOTAL CREDITS: 16

**Start here.
GO ANYWHERE.**



ARCHITECTURE AND CONSTRUCTION



NWTC PATHWAY PROGRAMS



CONSTRUCTION MANAGEMENT – CARPENTRY — 104552



CARPENTRY — 314101



CONSTRUCTION MANAGEMENT – MASONRY — 104555



MASONRY — 314082



CONSTRUCTION MANAGEMENT – ELECTRICITY — 104551



ELECTRICITY — 314131



AVAILABLE AS A CAREER PATHWAY BRIDGE



ASSOCIATE DEGREE

Architectural Technology
Civil Engineering Technology
Construction Management Carpentry **[new]**
Construction Management Electricity **[new]**
Construction Management Masonry **[new]**
Energy Management Technology
Fire Protection Engineering Technology
Heating, Ventilation, Air Conditioning and Refrigeration Technology
Prototype and Design
Solar Energy Technology



TECHNICAL DIPLOMA

Carpentry
Electrical Power Distribution
Electricity
Gas Utility Construction and Service
Industrial Maintenance Mechanic
Masonry **[new]**



CERTIFICATE

CAD (Computer Aided Drafting)
Energy Management
Maintenance Electricity
Parametric Modeling
Renewable Energy - Solar Electric
Renewable Energy - Solar Thermal



NWTC PATHWAYS are designed to give students a clear path to industry-recognized skills and market-approved job opportunities. No matter where you are on your career path, you can be confident you won't lose your progress. For example, you may find courses from a certificate or technical diploma existing fully within an associate degree. Every credential leads to higher earning potential! Visit nwtc.edu for the most current Pathways updates. Other examples of NWTC Pathways include:



THE HIGH SCHOOL, OR TECH NOW, PATHWAY allows junior and senior high school students to apply dual credits to college-level credentials. Check with your school counselor for availability.



CAREER PATHWAY BRIDGES are available for students who did not meet program entry scores, ELL students, or students in need of a high school diploma or GED. Gain additional language and/or basic academic skills while working to complete a certificate and/or diploma.



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PROGRAM TO PROGRAM BRIDGE PATHWAYS allow you to apply credit from your prior education and job experience to a related program.

 ASSOCIATE DEGREE

ARCHITECTURAL TECHNOLOGY

Program Code: 106141

Careers in architectural technology allow you to pursue your passion for designing, drawing, creating, and problem solving. As an Architectural Technology graduate, you'll be prepared to work in many fields related to architecture and construction. Careers include architectural technician, building information modeling specialist, building materials salesperson, building systems design technician, shop drawing draftsman, structural draftsman, and residential designer or estimator. With additional education and/or work experience, you may become an architect, building inspector, commercial or industrial estimator, structural engineer, specification writer, or project manager.

TOTAL CREDITS: 64

MEDIAN STARTING SALARY: \$35,357*

 ASSOCIATE DEGREE

CIVIL ENGINEERING TECHNOLOGY

Program Code: 106071

Find the program description within the Science, Technology, Engineering and Mathematics cluster, page 73.


[new]  ASSOCIATE DEGREE

CONSTRUCTION MANAGEMENT—CARPENTRY

Program Code: 104552

The Construction Management - Carpentry associate degree is designed to provide fundamental job management skills to those already working in the trade to advance their career in the construction field. Subject areas covered include managing construction costs, project and personnel management, site supervision, estimating, and project scheduling.

TOTAL CREDITS: 67

 All credits in the Carpentry (314101) technical diploma apply toward this associate degree.

MEDIAN STARTING SALARY: \$56,000*


[new]  ASSOCIATE DEGREE

CONSTRUCTION MANAGEMENT—ELECTRICITY

Program Code: 104551

The Construction Management - Electricity associate degree is designed to provide fundamental job management skills to those already working in the trade to advance their career in the construction field. Subject areas covered include managing construction costs, project and personnel management, site supervision, estimating, and project scheduling.

TOTAL CREDITS: 68

 All credits in the Electricity (314131) technical diploma apply toward this associate degree.

MEDIAN STARTING SALARY: \$56,000*


[new]  ASSOCIATE DEGREE

CONSTRUCTION MANAGEMENT—MASONRY

Program Code: 104555

The Construction Management - Masonry associate degree is designed to provide fundamental job management skills to those already working in the trade to advance their career in the construction field. Subject areas covered include managing construction costs, project and personnel management, site supervision, estimating, and project scheduling.

TOTAL CREDITS: 69

 All credits in the Masonry (314082) technical diploma apply toward this associate degree.

MEDIAN STARTING SALARY: \$56,000*

 APPRENTICESHIPS

An apprenticeship is an earn-while-you-learn program of on-the job training combined with related classroom instruction.

SEE AVAILABLE APPRENTICESHIPS AT nwtc.edu/apprenticeship



ASSOCIATE DEGREE

ENERGY MANAGEMENT TECHNOLOGY

Program Code: 104813

Energy expenses make up a part of every business' bottom line. Employers are seeking those skilled in monitoring energy consumption with the ability to detect and evaluate energy efficiency opportunities. Graduates of the Energy Management Technology associate degree program are equipped to lead businesses' energy management initiatives. Energy managers work within a variety of business sectors: utility companies; energy equipment companies; government agencies; and heating, ventilating, air conditioning and refrigeration contractors. Graduates may also find careers as energy auditors, energy management consultants, or energy program coordinators.

TOTAL CREDITS: 68

MEDIAN STARTING SALARY: \$30,000*



ASSOCIATE DEGREE

FIRE PROTECTION ENGINEERING TECHNOLOGY

Program Code: 105033

Find the program description within the Law Safety and Security cluster, page 65.



ASSOCIATE DEGREE

HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION TECHNOLOGY

Program Code: 106011

Heating, ventilation, air conditioning, and refrigeration (HVAC/R) technicians install, service, troubleshoot, and repair HVAC/R systems used for the environmental control of buildings and product processes. This includes work on a wide variety of equipment types including residential (homes), commercial (restaurants, offices, hotels), institutional (schools, hospitals), and industrial (manufacturing plants). Typical careers in this field include mechanical contractor HVAC/R technician, facilities maintenance HVAC/R technician, wholesale service representative, commercial HVAC/R systems technician, industrial HVAC/R systems technician, and residential HVAC/R systems technician.

TOTAL CREDITS: 68

MEDIAN STARTING SALARY: \$43,001*



ASSOCIATE DEGREE

PROTOTYPE AND DESIGN

Program Code: 106142

As a graduate of the Prototype and Design program, you can build a variety of three dimensional prototypes and models for use in manufacturing, consumer products, and other fields of product development. You may also build three dimensional models used for architectural design, mechanical design, and props. You're skilled in hand fabrication, high quality painting and finishing, 3D drawing software, CNC machining, RTV model making, and welding, with an emphasis on problem solving and critical thinking. Career opportunities in this field include product development, prototype model builder, engineering design, architectural model builder, RTV mold maker, rapid prototype technician and pattern maker.

TOTAL CREDITS: 70

MEDIAN STARTING SALARY: \$40,472*



ASSOCIATE DEGREE

SOLAR ENERGY TECHNOLOGY

Program Code: 104824

The Solar Energy Technology program provides a skilled workforce of installers, designers, and technical sales personnel who are able to assess sites; design systems; and install, operate, and maintain solar electric and solar thermal systems for residential and commercial applications in the growing renewable energy industry. Potential employment possibilities will be with existing solar, electrical and mechanical contractors to help expand their offerings of solar energy technologies. Other possible areas of employment are with energy consulting firms, design firms and utilities. With additional education and experience, graduates can expand their careers to energy analyst, journey person electrician/plumber, project manager, energy engineer, and environmental consultant.

TOTAL CREDITS: 68

MEDIAN STARTING SALARY: \$52,600*


 TECHNICAL DIPLOMA

CARPENTRY

Program Code: 314101

The Carpentry program prepares students with the fundamental skills and hands-on experience to embark on a carpentry career. Carpentry classes and curriculum cover residential and commercial construction and include planning and estimating, framing, roof and stair building techniques, finish carpentry, blueprint reading, building codes, using hand and portable power tools and other equipment common in the carpentry profession, and other related subjects.

TOTAL CREDITS: 31

 All credits in this program apply toward the Construction Management - Carpentry (104552) associate degree.

MEDIAN STARTING SALARY: \$19,000*

 TECHNICAL DIPLOMA

ELECTRICAL POWER DISTRIBUTION

Program Code: 314132

Qualified line technicians are needed to install, maintain, and operate the complex network of power lines and cables that supply electric energy to residential, commercial, and industrial customers. Electrical Power Distribution prepares students with classroom and hands-on training in all phases of power line construction and maintenance. Students must be willing to work in a diverse work environment in all weather conditions and be comfortable at heights.

TOTAL CREDITS: 34

MEDIAN STARTING SALARY: \$56,624*


 TECHNICAL DIPLOMA

ELECTRICITY

Program Code: 314131

As a graduate of the one-year Electricity program, you're ready to work in residential, commercial, and industrial settings. You're skilled in installing, maintaining, and servicing basic electrical equipment. Typical career opportunities include construction electrician and industrial maintenance technician. With additional education and/or work experience, you may also become an electrical construction supervisor, electrical engineering technician, journey-level electrician, electrical contractor, electrical maintenance supervisor, and voice data video installer.

TOTAL CREDITS: 32

 All credits from this program apply toward the Construction Management—Electricity (104551) associate degree.

Career Pathway Bridge available for students needing additional support to meet program entry requirements.

MEDIAN STARTING SALARY: \$30,000*

 TECHNICAL DIPLOMA

GAS UTILITY CONSTRUCTION AND SERVICE

Program Code: 314692

Highly skilled professionals in the utilities industry are needed to install, maintain, and operate natural and propane gas distribution systems used to supply residential, commercial, and industrial customers. Typical careers in this field include gas distribution worker, gas service person, gas meter and regulation mechanic, gas clerk-estimator, gas inspector, gas appliance repair mechanic, underground facilities locator, pipeline welder, pipe layer, PE pipe fusion, and equipment operator.

TOTAL CREDITS: 33

MEDIAN STARTING SALARY: \$54,362*





[new]

 **TECHNICAL DIPLOMA**

MASONRY

Program Code: 314082

The one-year Masonry technical diploma prepares students for a beginning level career in brick/block/stone laying, tile setting, and concrete flatwork finishing (cement masons) in residential and commercial construction. Students also take courses in job-related math, plan reading, and estimating.

TOTAL CREDITS: 33



All credits in this program apply toward the Construction Management - Masonry (104555) associate degree.

MEDIAN STARTING SALARY: \$32,000*



CERTIFICATE

CAD (COMPUTER AIDED DRAFTING)

Program Code: 906061

The CAD Certificate is designed for a person seeking introductory Auto CAD and Mechanical Design skills. Some credits in this certificate apply toward the Mechanical Design Technology (106061) associate degree.

TOTAL CREDITS: 13

ENERGY MANAGEMENT

Program Code: 904811

Explore energy management technology used in analysis and measurement of energy in today's building systems.

TOTAL CREDITS: 18

MAINTENANCE ELECTRICITY

Program Code: 904132

The Maintenance Electricity Certificate is designed for a person working in an industrial maintenance position seeking knowledge and skills in electrical maintenance.

TOTAL CREDITS: 18

PARAMETRIC MODELING

Program Code: 906062

The Parametric Modeling Certificate introduces the student to 3D parametric modeling using SolidWorks software and Autodesk Inventor. Topics covered include extruded, revolved, swept and lofted features, fully dimensioned orthographic drawings of models, special drawing views, surfacing and Autodesk Inventor.

TOTAL CREDITS: 9

RENEWABLE ENERGY - SOLAR ELECTRIC

Program Code: 904821

Explore renewable energy generation systems with a focus on solar electric (photovoltaic) and solar thermal systems.

TOTAL CREDITS: 18

RENEWABLE ENERGY - SOLAR THERMAL

Program Code: 904822

Explore renewable energy with a focus on solar thermal systems.

TOTAL CREDITS: 15

**Start here.
GO ANYWHERE.**



BUSINESS



ASSOCIATE DEGREE



TECHNICAL DIPLOMA



CERTIFICATE





BUSINESS



ASSOCIATE DEGREE

Accounting
 Administrative Professional
 Broadcast Captioning
 Business Analyst
 Business Management
 Business Management -
 Advertising and Promotions
 Management
 Business Management -
 Entrepreneurship
 Business Management -
 Global Supply Chain Management
 Business Management -
 Hotel & Restaurant Management
 Design & Graphic Technology
 Global Business
 Health Care Business Services
 Human Resources
 Leadership Development
 Manufacturing Operations
 Management
 Marketing
 Supply Chain Management



TECHNICAL DIPLOMA

Accounting Assistant
 Digital Marketing
 Hospitality Management
 Office Professional
 Professional Sales



CERTIFICATE

Business Operations
 Business Professional Essentials
 Business Software Essentials
 Customer Service
 Digital Marketing
 Employee Benefits, Relations,
 and Development
 Entrepreneurship
 Ethical Leadership
 Health Care Business Services
 Health Care Leadership
 Health Care Leadership -
 Advanced
 Human Resource Compliance
 Organizational Safety & Health
 Professional Sales
 Promotions and Event
 Management
 Quality Improvement and
 Innovation
 Service Writer
 Small Business Bookkeeping
 Supervision

NWTC PATHWAY PROGRAMS



ACCOUNTING — 101011



ACCOUNTING ASSISTANT — 311011



**SMALL BUSINESS
BOOKKEEPING** — 901011



**ADMINISTRATIVE
PROFESSIONAL** — 101066



OFFICE PROFESSIONAL — 311061



**BUSINESS SOFTWARE
ESSENTIALS** — 311062



**ALSO AVAILABLE IN SOME
HIGH SCHOOL DISTRICTS**



**BUSINESS PROFESSIONAL
ESSENTIALS** — 311061



HUMAN RESOURCES — 101161



**HUMAN RESOURCE
COMPLIANCE** — 611162
**ORGANIZATIONAL
SAFETY & HEALTH** — 611161



**LEADERSHIP
DEVELOPMENT** — 101961



SUPERVISION — 611964



MARKETING — 101043



DIGITAL MARKETING — 311045



DIGITAL MARKETING — 9010410



MARKETING — 101043



CUSTOMER SERVICE — 901049



MARKETING — 101043



**PROMOTIONS &
EVENTS** — 901047



MARKETING — 101043



**PROFESSIONAL
SALES** — 311048



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 **ASSOCIATE DEGREE**
ACCOUNTING**Program Code: 101011**

As an accountant, you play a vital role in any business. You work with accounting systems, analyze business records, prepare financial reports, and supervise bookkeepers. You may work in any of the following specialties: accounts payable/receivable, payroll, inventory control, cost, public, tax, and governmental/nonprofit. With additional education and/or work experience, you may become an auditor, certified public accountant, controller, treasurer, or trust officer.

TOTAL CREDITS: 70

All credits from the Accounting Assistant (311011) technical diploma and some credits from the Small Business Bookkeeping (901011) certificate apply toward this associate degree.

MEDIAN STARTING SALARY: \$33,147*
 **ASSOCIATE DEGREE**
ADMINISTRATIVE PROFESSIONAL**Program Code: 101066**

Administrative Professional students learn to be efficient and effective office employees through application of business procedures--proofreading, telephone usage, records management, meeting and travel arrangements, communication, and project management. Students learn integrated, advanced software skills including word processing, spreadsheets, presentations, personal information management, and databases.

TOTAL CREDITS: 68

All credits from the Business Software Essentials (611062) certificate, the Business Professionals Essentials (611061) certificate, and the Office Professional (311061) technical diploma apply toward this associate degree.

MEDIAN STARTING SALARY: \$28,078*
 **ASSOCIATE DEGREE**
BUSINESS ANALYST**Program Code: 101021**

Find the program description within the Information Technology cluster, page 59.

 **ASSOCIATE DEGREE**
BUSINESS MANAGEMENT**Program Code: 101023**

General business managers are found in nearly all work settings in virtually every sector of the economy. Graduates of the Business Management program are equipped with the foundational skills needed to manage the operations of a business. Graduates are competent in the business functions of planning, organizing, directing, and controlling with the core skills that are vital for success in the business world.

TOTAL CREDITS: 70**MEDIAN STARTING SALARY:** \$29,638*
 **ASSOCIATE DEGREE**
**BUSINESS MANAGEMENT -
ADVERTISING AND PROMOTIONS MANAGEMENT****Program Code: 101023-P**

The Advertising and Promotions emphasis educates learners for careers as meeting planners, marketing specialists, sales personnel, and convention service managers in casinos, visitor and convention bureaus, and nonprofit organizations.

MEDIAN STARTING SALARY: \$29,638***BUSINESS MANAGEMENT - ENTREPRENEURSHIP****Program Code: 101023-E**

The Entrepreneurship emphasis educates learners on the essence of entrepreneurship and how to start, run, and manage profitable businesses.

MEDIAN STARTING SALARY: \$29,638***BUSINESS MANAGEMENT -
GLOBAL SUPPLY CHAIN MANAGEMENT****Program Code: 101023-S**

The Global Supply Chain emphasis prepares students for all logistical activities involved in the flow of goods - from point of origin to the point of consumption.

MEDIAN STARTING SALARY: \$29,638***BUSINESS MANAGEMENT -
HOTEL & RESTAURANT MANAGEMENT****Program Code: 101023-H**

The Hotel and Restaurant emphasis educates learners for mid-management careers in hotel management, food service operations and tourism.

MEDIAN STARTING SALARY: \$29,638*

 **ASSOCIATE DEGREE**

BROADCAST CAPTIONING

Program Code: 101701

You've read the scrolling captions for the hearing-impaired on your TV screen. The person providing instantaneous text of programs is trained in realtime transcription techniques and technology. These skills can also be used to provide CART (Communication Access to Realtime Translation) for hearing-impaired students in educational as well as public settings. If you're an excellent listener, have strong language and communication skills, are committed to accuracy, and able to work on deadline, a career in broadcast captioning may be a perfect fit for your talents.

- A Lakeshore Technical College program offered at Northeast Wisconsin Technical College. For information call toll-free: (888) 385-6982

TOTAL CREDITS: 69

MEDIAN STARTING SALARY: \$41,753*

 **ASSOCIATE DEGREE**

DESIGN & GRAPHIC TECHNOLOGY

Program Code: 101117

Find the program description within the Digital Arts cluster, page 38.

 **ASSOCIATE DEGREE**

HEALTH CARE BUSINESS SERVICES

Program Code: 101601

As a Health Care Business Services program graduate, you're ready for a career in the business office of medical and dental clinics, hospitals, nursing homes, related health care facilities, and health insurance settings in administrative, financial, and customer service roles. Typical careers include admitting representative, appointment scheduler, claims analyst, insurance billing specialist, medical records associate, patient services representative, patient accounts associate, provider relations associate, financial counselor, and medical and insurance customer service representative.

TOTAL CREDITS: 66

MEDIAN STARTING SALARY: \$29,815*

 **ASSOCIATE DEGREE**

HUMAN RESOURCES

Program Code: 101161

Human resource specialists play a respected role in any organization. From small businesses to large corporations, human resource specialists are needed to understand and advise employees and supervisors on the following topics: employment law, training and development of employees, compensation and benefits administration, labor relations, and wellness/safety initiatives. Typical positions in this field include human resources generalist; hiring coordinator; payroll/benefits coordinator; staffing coordinator; labor relations specialist; compensation, benefits, and job analysis specialists; and training and development specialist.

TOTAL CREDITS: 67



All credits from the Human Resource Compliance (611162) certificate and the Organizational Safety & Health (611161) certificate apply toward this associate degree.

MEDIAN STARTING SALARY: \$35,179*

 **ASSOCIATE DEGREE**

LEADERSHIP DEVELOPMENT

Program Code: 101961

Leaders are challenged with many priorities and a wide array of responsibilities including effectively managing a diverse workforce, helping organizations adapt to change, encouraging innovation, displaying a variety of effective leadership skills, demonstrating critical thinking skills, and using communication skills appropriate to a team environment. As a graduate of the Leadership Development associate degree, you are prepared for leadership roles in any organization.

TOTAL CREDITS: 68



All credits from the Supervision (611964) certificate apply toward this associate degree.

MEDIAN STARTING SALARY: \$51,705*

 **ASSOCIATE DEGREE**

MANUFACTURING OPERATIONS MANAGEMENT

Program Code: 101965

Manufacturing Operations Management is a unique associate degree program designed by local industry to meet the needs of the workplace through a combination of supply chain, automation, quality, lean leadership, and supervisory skills. Graduates of this program are prepared to provide leadership in manufacturing industries.

TOTAL CREDITS: 68

MEDIAN STARTING SALARY: \$47,000*


 **ASSOCIATE DEGREE**

MARKETING

Program Code: 101043

Marketing is exciting, dynamic and essential to the success of every business. In today's fast-paced organizations, marketing is everyone's responsibility. As a Marketing graduate, you have the tools and experiences you need to develop and execute marketing plans, participate in teams, utilize information technology, integrate social media strategies, create presentations, close sales, and develop leadership skills.

Marketing roles are available in every type of organization—manufacturer, wholesaler, retailer, service provider or non-profit. Some of the many career opportunities may include customer service representative, account manager, event marketing specialist, market researcher, social media coordinator, sales executive, and promotions coordinator.

TOTAL CREDITS: 66



All credits from the Digital Marketing (9010410) certificate apply toward this associate degree.

Some credits from the Digital Marketing (311045) and Professional Sales (311048) technical diplomas apply toward this associate degree.

Some credits from the Customer Service (901049) and Promotions and Events (901047) certificates apply toward this associate degree.

MEDIAN STARTING SALARY: \$30,158*

 **ASSOCIATE DEGREE**

SUPPLY CHAIN MANAGEMENT

Program Code: 101821

As a graduate of the Supply Chain Management associate degree, you are prepared for careers in all logistical activities involved in the flow of goods—from point of origin to the point of consumption. Core competencies of this program include planning and organizing, decision making, continuous improvement and problem solving, creating and controlling processes, and leadership. Typical careers in this field include manager, claims analyst, customer service representative, dispatcher, inventory analyst, inventory control specialist, logistics technician, materials planner, master production scheduler, purchasing assistant, shipping and receiving specialist, transportation planner/coordinator, warehouse specialist and international logistics technician.

TOTAL CREDITS: 68

MEDIAN STARTING SALARY: \$37,000*

ACCOUNTING ASSISTANT

Program Code: 311011

As a graduate of this one-year technical diploma program, you'll be ready for entry-level accounting careers. Typical positions include accounts payable/receivable accountant, payroll accountant, and inventory control accountant. The credits you earn in this program can be applied to the first year of the two-year Accounting program.

TOTAL CREDITS: 31



All credits from this program apply toward the Accounting (101011) associate degree. Some credits from the Small Business Bookkeeping (901011) certificate apply toward this technical diploma.

MEDIAN STARTING SALARY: \$29,300*

DIGITAL MARKETING

Program Code: 311045

Marketing is changing rapidly in a world where technological advances are made on a daily basis. Industry leaders are now looking for marketing professionals who can take their businesses to new levels utilizing emerging technology. As a graduate of Digital Marketing you will gain valuable insights into online marketing strategies, content development, analyzing metrics, and how all this fits into your integrated marketing plan. Social media, mobile devices, and a growing number of digital marketing avenues and trends will be researched to discover and implement a digital marketing campaign. Careers may include digital marketing coordinator, social media specialist, community manager, online content coordinator, ecommerce marketing specialist and digital marketing analyst.

TOTAL CREDITS: 28



All credits from the Digital Marketing (9010410) certificate apply toward this program.

Some credits from this technical diploma apply toward the Marketing (101043) associate degree.

MEDIAN STARTING SALARY: \$44,600*



 TECHNICAL DIPLOMA

HOSPITALITY MANAGEMENT

Program Code: 311093

Turn your interest in tourism, travel, and hospitality into a rewarding career. As a graduate of the Hospitality Management program, you'll be prepared for mid-management positions in hotels, restaurants, food service departments, golf/country clubs, ski resorts, private catering, assisted living centers, bus lines, universities, cruise ships, and more. You may secure employment as a front office manager, event manager, food/beverage manager, executive housekeeper, revenue enhancement manager, building superintendent, or a sales manager. The curriculum includes American Hotel and Lodging Association Certifications.

TOTAL CREDITS: 31



Credits from this technical diploma apply toward the Business Management-Hotel & Restaurant Emphasis associate degree.

MEDIAN STARTING SALARY: \$32,300*

 TECHNICAL DIPLOMA

PROFESSIONAL SALES

Program Code: 311048

Professional salespeople understand that approach strategies, determining needs, presenting solutions, negotiating concerns and closing the sale are all essential steps of the selling process. Additionally, adhering to the highest of ethical standards is an essential part of becoming a sales professional. Graduates with this technical diploma can work in the areas of business to business, business to consumer, or business to government sales. Grads can work as field sales representatives, sales support, and inside or outside sales people. Additionally, entrepreneurs who understand how to sell have a distinct advantage within their industry.

TOTAL CREDITS: 28



Some credits from this technical diploma apply toward the Marketing (101043) associate degree.

MEDIAN STARTING SALARY: \$37,000*

 TECHNICAL DIPLOMA

OFFICE PROFESSIONAL

Program Code: 311061

Office Professional graduates are prepared for administrative office positions. Skills are developed in office procedures, workplace communications, proofreading, word processing, spreadsheets, presentation software, databases, telephone usage, records management, prioritizing tasks, and keyboarding.

TOTAL CREDITS: 36



All credits from the Business Software Essentials (611062) certificate and Business Professionals Essentials (611061) certificate apply toward this program. All credits from this technical diploma apply toward the Administrative Professional (101066) associate degree.

MEDIAN STARTING SALARY: \$24,000*





BUSINESS OPERATIONS

Program Code: 901023

This certificate is a 17-credit program designed to develop understanding of basic concepts and skills in general business operations. The program is offered on a flexible schedule to include online or accelerated courses. There are no prerequisites for the courses included in the certificate.

TOTAL CREDITS: 17

BUSINESS PROFESSIONAL ESSENTIALS

Program Code: 611061

Prepare to work in a business environment by learning general office and customer service skills.

pathWAYS All credits from this certificate apply toward the Office Professional (311061) technical diploma and the Administrative Professional (101066) associate degree.

TOTAL CREDITS: 10

BUSINESS SOFTWARE ESSENTIALS

Program Code: 611062

Learn to use office software and receive training for the Microsoft Office Specialist (MOS) exam.

pathWAYS All credits from this certificate apply toward the Office Professional (311061) technical diploma and the Administrative Professional (101066) associate degree.

This certificate is also available for dual-credit in some high school districts.

TOTAL CREDITS: 5

CUSTOMER SERVICE

Program Code: 901049

The Customer Service Certificate is designed for the person who is required to deliver professional service in a customer oriented environment.

pathWAYS Some credits from this certificate apply toward the Marketing (101043) associate degree, Digital Marketing (311045) technical diploma and the Professional Sales (311048) technical diploma.

TOTAL CREDITS: 12

DIGITAL MARKETING

Program Code: 9010410

The Digital Marketing Certificate is designed for people who desire to incorporate cutting-edge marketing techniques into an organization's new and existing marketing activities. Learners who understand new media techniques and complete this certificate may become social media planners, project managers, marketing specialists, public relations coordinators, promotional planners, or marketing analysts. Completers can expect to pursue employment in these positions in an extremely wide range of business to consumer (B2C) and business to business (B2B) organizations.

pathWAYS All credits from this certificate apply toward the Marketing (101043) associate degree. Some credits from this certificate apply toward the Digital Marketing (311045) technical diploma.

TOTAL CREDITS: 15

EMPLOYEE BENEFITS, RELATIONS, AND DEVELOPMENT

Program Code: 901163

The Employee Benefits, Relations, and Development Certificate is designed for people who wish to acquire and improve their skills in human resources, specifically with the factors that affect employee development, compensation, and relations. Courses also apply toward the credits necessary to earn the Human Resources (101161) associate degree. Courses are offered in alternative delivery formats.

TOTAL CREDITS: 12

ENTREPRENEURSHIP

Program Code: 901451

The Entrepreneurship Certificate is a series of credit courses targeted to educate learners about the opportunities and essence of entrepreneurship and how to start, run, and manage profitable businesses. All credits from this certificate may be applied toward the Business Management-Entrepreneurship Emphasis (101023-E) associate degree.

TOTAL CREDITS: 15

ETHICAL LEADERSHIP

Program Code: 901962

The Ethical Leadership Certificate is designed for people who wish to acquire and improve their skills in creating and maintaining a legal, ethical, and diverse work environment. Courses apply toward the credits necessary to earn the Leadership Development (101961) associate degree. Courses are offered in alternative delivery formats.

TOTAL CREDITS: 9



HEALTH CARE BUSINESS SERVICES

Program Code: 901041

The Health Care Business Services Certificate is designed to be an introduction to anyone interested in exploring various business positions in the growing medical field. All courses transfer to the Health Care Business Services associate degree. Courses are delivered online.

TOTAL CREDITS: 16

HEALTH CARE LEADERSHIP

Program Code: 901967

The Health Care Leadership Certificate is designed to prepare a person for a leadership role within health care settings. It includes learning the skills of supervision, team building and problem solving, leadership, and managing quality in a health care environment. All credits in this certificate may be applied toward the Leadership Development (101961) associate degree.

TOTAL CREDITS: 12

HEALTH CARE LEADERSHIP - ADVANCED

Program Code: 9019610

The Advanced Health Care Leadership Certificate is designed to prepare a person to take the next step in leadership within health care settings. It includes budgeting and finance, legal issues in the workplace, working with a diverse population of employees, and either safety in the workplace or the human resource function. Some credits in this certificate apply toward the Leadership Development associate degree (101961).

TOTAL CREDITS: 12

HUMAN RESOURCE COMPLIANCE

Program Code: 611162

Gain or improve your skills in human resources, specifically with overall employment law compliance and recordkeeping.

pathWAYS All credits in this certificate apply toward the Human Resources (101161) associate degree.

TOTAL CREDITS: 9

ORGANIZATIONAL SAFETY & HEALTH

Program Code: 611161

Gain or improve your workplace and human resource skills, specifically with safety programs, organizational wellness initiatives, and assertiveness, time management, and stress management skills.

pathWAYS All credits in this certificate apply toward the Human Resources (101161) associate degree.

TOTAL CREDITS: 12

PROFESSIONAL SALES

Program Code: 9010412

The Professional Sales Certificate provides students with the consultative selling skills needed to be a successful, professional sales person. Learners who complete this certificate will be able to sell products in both the consumer and business markets as well as gain insight into the responsibilities of sales managers.

pathWAYS Some credits from this certificate apply toward the Marketing (101043) associate degree and the Professional Sales (311048) technical diploma.

TOTAL CREDITS: 15

PROMOTIONS AND EVENT MANAGEMENT

Program Code: 901047

The Promotions & Event Management Certificate is designed for people who plan, promote, and service meetings, conferences, conventions, entertainment, and other special events. Learners who complete this certificate may become consultants or obtain employment as meeting planners, marketing specialists, sales personnel, convention service managers and event coordinators in lodging and food service operations, casinos, visitor and convention bureaus, a Chamber of Commerce, and nonprofit organizations.

pathWAYS Some credits from this certificate apply toward the Marketing (101043) associate degree.

TOTAL CREDITS: 18

QUALITY IMPROVEMENT AND INNOVATION

Program Code: 901968

The Quality Improvement and Innovation Certificate is designed for people who are interested in applying specific methods of innovative thinking in order to continuously increase customer value of their products and services. Projects and simulations will be customized to the learner's own work environment and will apply the principles of innovation, quality and continuous improvement, lean thinking, Six Sigma, systems thinking, and project management. Certificate completers may apply the nine credits to the Leadership Development (Supervisory Management) program.

TOTAL CREDITS: 9



SERVICE WRITER

Program Code: 906021

The Service Writer Certificate is designed for people who are interested in working as a service writer in a new or used car dealership, truck dealership or an independent vehicle repair shop.

TOTAL CREDITS: 15

SMALL BUSINESS BOOKKEEPING

Program Code: 901011

This certificate is designed for the person seeking new or additional training in the area of managing the accounting records for a small business. All courses in this certificate are delivered Video Conference, Online or In Person.

pathWAYS Some credits from this certificate apply toward the Accounting (101011) associate degree and Accounting Assistant (311011) technical diploma.

TOTAL CREDITS: 16

SUPERVISION

Program Code: 611964

Acquire or improve your skills in a modern leadership role.

pathWAYS All credits in this certificate apply toward the Leadership Development (101961) associate degree.

TOTAL CREDITS: 9



**Start here.
GO ANYWHERE.**



DIGITAL ARTS



NWTC PATHWAY PROGRAMS



DESIGN & GRAPHIC TECHNOLOGY — 101117



PRINT TECHNOLOGY — 312041



ASSOCIATE DEGREE

Design & Graphic Technology
Digital Media Technology



NWTC PATHWAYS are designed to give students a clear path to industry-recognized skills and market-approved job opportunities. No matter where you are on your career path, you can be confident you won't lose your progress. For example, you may find courses from a certificate or technical diploma existing fully within an associate degree. Every credential leads to higher earning potential! Visit nwtc.edu for the most current Pathways updates. Other examples of NWTC Pathways include:



TECHNICAL DIPLOMA

Photography
Print Technology



CERTIFICATE

Audio Production
Clay
Digital Photography
Digital Photography - Advanced
Internet Broadcasting
Web Design
Woodturning



THE HIGH SCHOOL, OR TECH NOW, PATHWAY

allows junior and senior high school students to apply dual credits to college-level credentials. Check with your school counselor for availability.



CAREER PATHWAY BRIDGES are available for students who did not meet program entry scores, ELL students, or students in need of a high school diploma or GED. Gain additional language and/or basic academic skills while working to complete a certificate and/or diploma.



THE 2+2 ARTICULATION AGREEMENT PATHWAY allows you to transfer all of your NWTC credits to specific four-year university partners. Students who transfer will have completed two of the four years required in the four-year degree.



PROGRAM TO PROGRAM BRIDGE PATHWAYS allow you to apply credit from your prior education and job experience to a related program.



 **ASSOCIATE DEGREE**

DESIGN & GRAPHIC TECHNOLOGY

Program Code: 101117

Creative design professionals combine artistic abilities with technical knowledge to create designs used in print and electronic media. During your studies, you will create, maintain and present a professional portfolio showcasing your finest work. As a graduate of the Design and Graphic Technology program, you are positioned for a variety of careers including graphic designer, advertising specialist, digital print technician, publication designer, public relations professional, pre-press technician and web graphic designer.

TOTAL CREDITS: 71



Some credits from the Print Technology (312041) technical diploma apply toward this associate degree.

MEDIAN STARTING SALARY: \$31,000*

 **ASSOCIATE DEGREE**

DIGITAL MEDIA TECHNOLOGY

Program Code: 102065

The evolving digital media technology field employs professionals with a wide range of multimedia production skills including digital, audio, and video recording and editing; video photography; motion graphics; radio production; internet broadcasting (podcasting); and data transfer and conversion from analog to digital media. Graduates of the Digital Media Technology program are prepared to compete in a global digital workforce with high tech skills in content conception, creation, and implementation through various and changing delivery formats. Typical careers include freelance or full time digital media producer, motion graphic designer, video editor, videographer, radio producer, and video/audio production specialist.

TOTAL CREDITS: 68

MEDIAN STARTING SALARY: \$38,300*

 **TECHNICAL DIPLOMA**

PHOTOGRAPHY

Program Code: 312031

As a Photography program graduate, you will be prepared for a variety of photography careers. You will be skilled in the latest digital technologies and have the business skills necessary to succeed. Career choices include portrait and wedding photographer, nature photographer, sport and event photographer, product photographer, digital artist and fine art photographer.

TOTAL CREDITS: 41

MEDIAN STARTING SALARY: \$17,000*

 **TECHNICAL DIPLOMA**

PRINT TECHNOLOGY

Program Code: 312041

Print technology professionals utilize state-of-the-art output technology and skills to create high-end graphic solutions across multiple formats such as digital presses and wide format inkjet devices. As a Print Technology program graduate, you will be skilled in electronic pre-press operations, variable data publishing, digital color management, digital print applications, wide format inkjet output, wide format graphic installation, and a multiple finishing processes. Graduates have the opportunity for employment as digital print operators, wide format graphic technicians, wide format graphic/vinyl installers, electronic pre-press technicians, and post press operators.

TOTAL CREDITS: 28



Some credits from this technical diploma apply toward the Design and Graphic Technology (101117) associate degree.

MEDIAN STARTING SALARY: \$31,000*

 **TECHNICAL DIPLOMA**

WEB DESIGN TECHNICIAN

Program Code: 31522

Find the program description within the Information Technology cluster, page 61.



FOR FULL COURSE LISTINGS AND ACADEMIC PLANS, GO TO nwtc.edu/programs



AUDIO PRODUCTION

Program Code: 902062

The Audio Production Certificate is designed for a person seeking skills in audio recording and internet/broadcast radio. Credits from this certificate may be applied toward the Digital Media Technology associate degree.

TOTAL CREDITS: 12

CLAY

Program Code: 903062

The Clay Certificate, offered at the NWTC Artisan & Business Center on Cedar Street in Green Bay, will give students the opportunity to learn new skills or expand their existing skills in the area of hand-building techniques, wheel throwing and materials and procedures, as well as the development of ideas, methods of critique, and running a contemporary clay studio. The studio includes a variety of pottery wheels, ample work space, and kilns. Students in the certificate will not need any prior training or art classes; however, courses should be taken in the order listed.

TOTAL CREDITS: 12

DIGITAL PHOTOGRAPHY

Program Code: 902031

The Digital Photography Certificate will develop learner's skills in digital still photography, studio photography, image editing, image rating, organizing and archiving, system setup, and file handling skills on a Macintosh computer graphic workstation. All credits from this certificate apply toward the Digital Photography technical diploma.

TOTAL CREDITS: 18

DIGITAL PHOTOGRAPHY - ADVANCED

Program Code: 902032

The Digital Photography Advanced Certificate is designed for the person who wants to pursue a career in photography as an entrepreneur or as an employee in a photography studio. The student will learn advanced image editing techniques and increase their knowledge in photography specialty areas, as well as learn the business skills needed to run a successful photography business. Some credits from this certificate apply toward the Digital Photography technical diploma.

TOTAL CREDITS: 14

INTERNET BROADCASTING

Program Code: 902061

The Internet Broadcasting Certificate will develop learner skills in digital media content production, editing and delivery of audio, video and graphics for Internet distribution. Podcast creation including capture, transfer, compression and web formatting for business, education and entertainment. Credits from this certificate may be applied toward the Digital Media Technology associate degree.

TOTAL CREDITS: 18

WEB DESIGN

Program Code: 901352

The Web Design Certificate will provide learners the ability to develop websites by learning how to design and code functional graphics, interfaces, navigation, page formatting, and styles. The student will also learn to upload and manage websites and test website usability. All credits from this certificate can be applied to meet requirements in the Web Development associate degree.

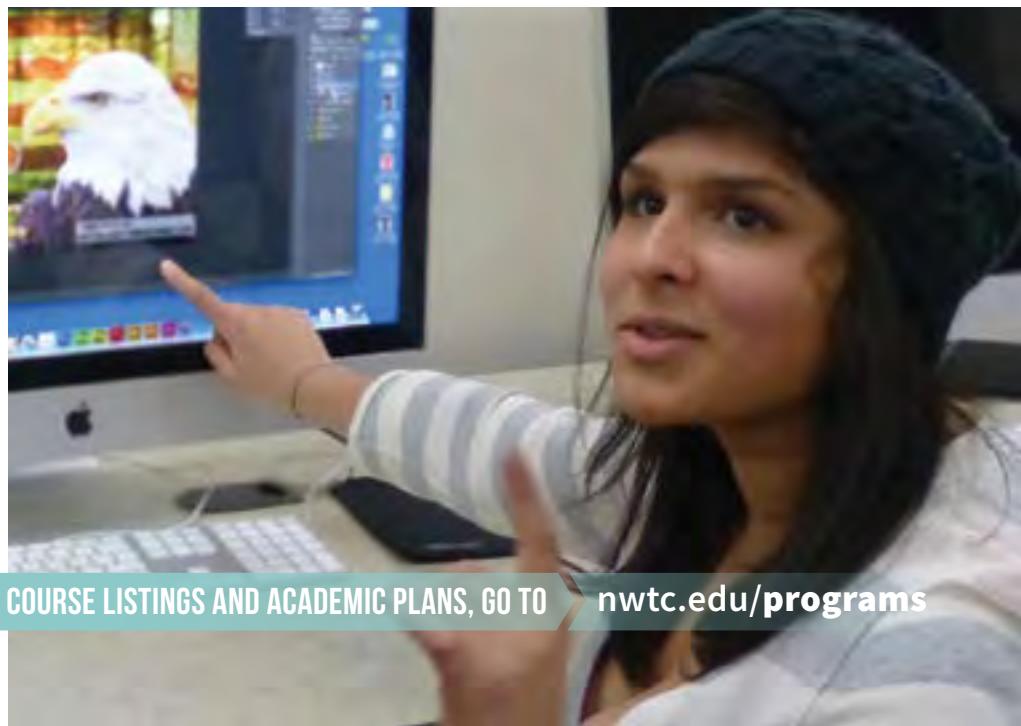
TOTAL CREDITS: 15

WOODTURNING

Program Code: 903061

Students in the woodturning courses, offered at the NWTC Artisan & Business Center on Cedar Street in Green Bay, will have the opportunity to learn new skills or expand their knowledge in the area of safe lathe operation, wood stock selection, spindle turning, bowl turning, design, form and balance, banding of pieces of wood together, and bowl finishing. In addition, students will be exposed to principles of business skill development as they apply to the creative economy and setting up a business as a craftsman.

TOTAL CREDITS: 12





ENERGY



ASSOCIATE DEGREE



TECHNICAL DIPLOMA



CERTIFICATE



ASSOCIATE DEGREE

Energy Management Technology
 Nuclear Technology
 Solar Energy Technology
 Utilities Engineering Technology
 Wind Energy Technology



TECHNICAL DIPLOMA

Electrical Power Distribution
 Gas Utility Construction and Service



CERTIFICATE

Energy Management Renewable Energy
 Renewable Energy - Solar Electric
 Renewable Energy - Solar Thermal

 ASSOCIATE DEGREE

ENERGY MANAGEMENT TECHNOLOGY

Program Code: 104813

Energy expenses make up a part of every business' bottom line. Employers are seeking those skilled in monitoring energy consumption with the ability to detect and evaluate energy efficiency opportunities. Graduates of the Energy Management Technology associate degree program are equipped to lead businesses' energy management initiatives. Energy managers work within a variety of business sectors: utility companies; energy equipment companies; government agencies; and heating, ventilating, air conditioning and refrigeration contractors. Graduates may also find careers as energy auditors, energy management consultants, or energy program coordinators.

TOTAL CREDITS: 71

MEDIAN STARTING SALARY: \$30,000*

 ASSOCIATE DEGREE

NUCLEAR TECHNOLOGY

Program Code: 106241

The increasing use of radiation and radioactive materials in today's world has created a demand for nuclear technicians. This demand is expected to remain high for years to come. The Nuclear Technology program offers students a unique opportunity to obtain the specialized training in demand by businesses and organizations licensed to utilize radioactive materials. It is also an excellent springboard for a four-year degree in the high-demand fields of health physics, radiation safety and nuclear engineering. Nuclear technicians have a variety of career opportunities at businesses such as nuclear power facilities, radioactive waste handling facilities, radiopharmaceutical companies, universities and national laboratories, medical facilities, U. S. Department of Energy sites, hospitals, or emergency management organizations. Nuclear Technology is a shared program between Lakeshore Technical College (LTC) and NWTC. Classes are offered in a traditional classroom setting using interactive television methods to link the two technical colleges. For flexibility, some classes may be taken in an online format through LTC.

- A Lakeshore Technical College program offered at Northeast Wisconsin Technical College. For information call toll-free: (888) 385-6982

TOTAL CREDITS: 71

MEDIAN STARTING SALARY: \$33,000*

 ASSOCIATE DEGREE

SOLAR ENERGY TECHNOLOGY

Program Code: 104824

The Solar Energy Technology program provides a skilled workforce of installers, designers, and technical sales personnel who are able to assess sites; design systems; and install, operate, and maintain solar electric and solar thermal systems for residential and commercial applications in the growing renewable energy industry. Potential employment possibilities will be with existing solar, electrical and mechanical contractors to help expand their offerings of solar energy technologies. Other possible areas of employment are with energy consulting firms, design firms and utilities. With additional education and experience, graduates can expand their careers to energy analyst, journey person electrician/plumber, project manager, energy engineer, and environmental consultant.

TOTAL CREDITS: 68

MEDIAN STARTING SALARY: \$52,600*

 ASSOCIATE DEGREE

UTILITIES ENGINEERING TECHNOLOGY

Program Code: 104681

As a graduate of the Utilities Engineering Technology associate degree program, you're prepared for careers in the utility industry, from power generation through transmission and distribution. Technicians in this field work on the equipment and systems that keep energy flowing safely and reliably from source to use. Typical careers include relay technologist, systems control and relay technician, substation technician, distribution systems designer, and power plant instrument technician.

TOTAL CREDITS: 68

MEDIAN STARTING SALARY: \$52,000*

 APPRENTICESHIPS

An apprenticeship is an earn-while-you-learn program of on-the-job training combined with related classroom instruction.

SEE AVAILABLE APPRENTICESHIPS AT
nwtc.edu/apprenticeship

 **ASSOCIATE DEGREE**
WIND ENERGY TECHNOLOGY**Program Code: 104821**

The wind energy industry is the fastest growing segment of renewable energy production. The U.S. and Canadian commercial wind farms are experiencing annual growth of 25 percent. Employers seek skilled technicians for operation and maintenance activities in local wind farm settings. Within U.S. and international wind turbine manufacturers, there is also intense demand for upper-level technicians including installation technicians, quality control technicians, and warranty and commissioning technicians. Operation and maintenance positions remain with wind farm locations; other technicians travel extensively with the development of new wind farms and repair/retrofitting of wind farms around the world.

- A Lakeshore Technical College program offered at Northeast Wisconsin Technical College. For information call toll-free: (888) 385-6982

TOTAL CREDITS: 67**MEDIAN STARTING SALARY:** \$45,000***ENERGY MANAGEMENT****Program Code: 904811**

Explore energy management technology used in analysis and measurement of energy in today's building systems.

TOTAL CREDITS: 18**RENEWABLE ENERGY - SOLAR ELECTRIC****Program Code: 904821**

Explore renewable energy generation systems with a focus on solar electric (photovoltaic) and solar thermal systems.

TOTAL CREDITS: 18**RENEWABLE ENERGY - SOLAR THERMAL****Program Code: 904822**

Explore renewable energy with a focus on solar thermal systems.

TOTAL CREDITS: 15
 **TECHNICAL DIPLOMA**
GAS UTILITY CONSTRUCTION AND SERVICE**Program Code: 314692**

Highly skilled professionals in the utilities industry are needed to install, maintain, and operate natural and propane gas distribution systems used to supply residential, commercial, and industrial customers. Typical careers in this field include gas distribution worker, gas service person, gas meter and regulation mechanic, gas clerk-estimator, gas inspector, gas appliance repair mechanic, underground facilities locator, pipeline welder, pipe layer, PE pipe fusion, and equipment operator.

TOTAL CREDITS: 33**MEDIAN STARTING SALARY:** \$54,362*
 **TECHNICAL DIPLOMA**
ELECTRICAL POWER DISTRIBUTION**Program Code: 314132**

Qualified line technicians are needed to install, maintain, and operate the complex network of power lines and cables that supply electric energy to residential, commercial, and industrial customers. Electrical Power Distribution prepares students with classroom and hands-on training in all phases of power line construction and maintenance. Students must be willing to work in a diverse work environment in all weather conditions and be comfortable at heights.

TOTAL 34**MEDIAN STARTING SALARY:** \$56,624*
 **CERTIFICATE**



GENERAL STUDIES



CERTIFICATE

GENERAL STUDIES TRANSFER CERTIFICATE UW OSHKOSH

Program Code: 908903

The General Studies Transfer Certificate - UW Oshkosh includes a 31-32 credit core of courses designed to meet specific general education requirements at UW Oshkosh. These courses will allow students who have a 2.5 overall grade point average to qualify for sophomore status at UW Oshkosh. Additional admission requirements may apply.

TOTAL CREDITS: 31 or 32

For more information, go to the UW Oshkosh Admissions Office web site: <http://admissions.uwosh.edu>

GENERAL STUDIES TRANSFER CERTIFICATE UW GREEN BAY

Program Code: 908902

The General Studies Transfer Certificate - UW Green Bay includes a 32-34 credit core of courses designed to meet specific general education requirements at UWGB. These courses will allow students who have a 2.5 overall grade point average to qualify for sophomore status at UWGB. Additional admission requirements may apply.

TOTAL CREDITS: 32 - 34

For more information, go to the UW Green Bay Admissions Office web site: www.uwgb.edu/admissions

FOR FULL COURSE LISTINGS AND ACADEMIC PLANS, GO TO nwtc.edu/programs



HEALTH SCIENCES



ASSOCIATE DEGREE



TECHNICAL DIPLOMA



CERTIFICATE



HEALTH SCIENCES



ASSOCIATE DEGREE

Dental Hygienist
 Diagnostic Medical Sonography
 Gerontology
 Health Care Business Services
 Health Information Technology
 Medical Laboratory Technician
 Nursing - Associate Degree
 Physical Therapist Assistant
 Radiography
 Respiratory Therapist
 Wellness and Health Promotion



TECHNICAL DIPLOMA

Advanced EMT (AEMT)
 Certified Medication Assistant
 Dental Assistant
 Emergency Medical Technician
 Medical Assistant
 Medical Coding Specialist
 Nursing Assistant
 Ophthalmic Medical Assistant
 Paramedic
 Pharmacy Technician
 Practical Nursing
 Surgical Technologist
 Therapeutic Massage



CERTIFICATE

Central Service Technician
 Health Care Leadership
 Health Care Leadership -
 Advanced
 Health Care Customer
 Service Representative
 Personal Care Worker
 Phlebotomy

NWTC PATHWAY PROGRAMS



HEALTH INFORMATION TECHNOLOGY — 105301



MEDICAL CODING SPECIALIST
 315302



MEDICAL ASSISTANT — 315091

CB AVAILABLE AS A CAREER
 PATHWAY BRIDGE



HEALTH CARE CUSTOMER SERVICE REPRESENTATIVE — 615091

HS ALSO AVAILABLE IN SOME
 HIGH SCHOOL DISTRICTS



NURSING-ASSOCIATE DEGREE
 105431



NURSING ASSISTANT — 305431

CB AVAILABLE AS A CAREER
 PATHWAY BRIDGE



PRACTICAL NURSING
 315431



NURSING-ASSOCIATE DEGREE
 105431



PARAMEDIC
 314311



NURSING - ASSOCIATE DEGREE — 105431

PP AVAILABLE AS A PROGRAM
 TO PROGRAM BRIDGE



PRACTICAL NURSING — 315431



MEDICAL ASSISTANT — 315091

PP AVAILABLE AS A PROGRAM
 TO PROGRAM BRIDGE



PRACTICAL NURSING — 315431



PRACTICAL NURSING
 315431



MEDICAL ASSISTANT
 315091



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CAREER PATHWAY BRIDGES are available for students who did not meet program entry scores, ELL students, or students in need of a high school diploma or GED. Gain additional language and/or basic academic skills while working to complete a certificate and/or diploma.



THE 2+2 ARTICULATION AGREEMENT PATHWAY allows you to transfer all of your NWTC credits to specific four-year university partners. Students who transfer will have completed two of the four years required in the four-year degree.



PROGRAM TO PROGRAM BRIDGE PATHWAYS allow you to apply credit from your prior education and job experience to a related program.



THE HIGH SCHOOL, OR TECH NOW, PATHWAY allows junior and senior high school students to apply dual credits to college-level credentials. Check with your school counselor for availability.

 **ASSOCIATE DEGREE**

DENTAL HYGIENIST

Program Code: 105081

As a graduate of the Dental Hygienist program, you can choose to practice as a registered dental hygienist in any of the following settings: private practice, long-term care facility, public school system, or public health department—on a full-time or part-time basis. Dental hygienists perform oral prophylaxis, apply preventative agents, expose radiographs, perform local anesthesia and teach patients oral care. The Dental Hygienist program is accredited by the American Dental Association-Commission on Dental Accreditation.

TOTAL CREDITS: 71

MEDIAN STARTING SALARY: \$46,600*

 **ASSOCIATE DEGREE**

DIAGNOSTIC MEDICAL SONOGRAPHY

Program Code: 105262

As a graduate of the Diagnostic Medical Sonography program, you can choose to work in a variety of health care settings including clinics, hospitals, private practice physician offices, and public health facilities and laboratories. You perform routine sonographic (ultrasound) examinations of the body to include the abdomen, small parts, obstetrics, and gynecology. You work closely with physicians and may assist in the performance of invasive procedures. The Diagnostic Medical Sonography program is accredited by the Commission on the Accreditation of the Allied Health Education Programs.

TOTAL CREDITS: 71

MEDIAN STARTING SALARY: \$45,000*



 **ASSOCIATE DEGREE**

GERONTOLOGY

Program Code: 105441

Graduates of the Gerontology program have the knowledge and skills needed to provide seamless quality service to older adults and their families. Gerontology career pathways include a wide variety of service and leadership opportunities related to business and finances; housing options; entertainment and travel; health and wellness; case coordination; public policy and advocacy; and consumer service.

TOTAL CREDITS: 68

MEDIAN STARTING SALARY: \$51,700*

 **ASSOCIATE DEGREE**

HEALTH CARE BUSINESS SERVICES

Program Code: 101601

Find the program description within the Business cluster, page 30.

 **ASSOCIATE DEGREE**

HEALTH INFORMATION TECHNOLOGY

Program Code: 105301

This field is where health care meets the cutting edge of technology. The Bureau of Labor Statistics cites health information as one of the fastest-growing occupations in the United States. Health information technicians contribute to the quality of care by collecting, analyzing, and reporting health care data. That requires knowledge of disease, treatments, computer systems, privacy/security and organizational skills. As a graduate of this associate degree program, you are eligible for national certification, and you may work in hospitals, clinics, nursing homes, mental health facilities, home health agencies, state and federal health agencies, information system vendors, insurance companies, pharmaceutical companies and private industry. Typical careers include coding specialist, release of information specialist, health information technician, insurance/business specialist, reimbursement coordinator, data quality and integrity monitor, privacy and/or security officer, data analyst, and HIM supervisor. The Health Information Technology program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIM).

TOTAL CREDITS: 67



All credits in the Medical Coding (315302) technical diploma apply toward this associate degree.

MEDIAN STARTING SALARY: \$32,498*

FOR FULL COURSE LISTINGS AND ACADEMIC PLANS, GO TO nwtc.edu/programs

 **ASSOCIATE DEGREE**

MEDICAL LABORATORY TECHNICIAN

Program Code: 105131

As a medical laboratory technician, you're a valued member of the health care team who provides clinical information for disease prevention, medical diagnosis, and treatment of patients by processing specimens and performing laboratory tests. You may also have responsibilities for information processing, training, and quality control monitoring. While most medical laboratory technicians work in hospitals or clinic labs, you may also choose to work for veterinary laboratories, industrial labs, insurance companies, research facilities, environmental labs, or public health labs. The Medical Laboratory Technician program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences.

Program graduates are eligible to take the Medical Laboratory Technician certification exam through the American Society for Clinical Pathology.

TOTAL CREDITS: 68

MEDIAN STARTING SALARY: \$36,006*

 **ASSOCIATE DEGREE**

NURSING - ASSOCIATE DEGREE

Program Code: 105431

As a nurse, you make a difference in the lives of your patients. You act as a liaison between physicians, other health care workers, and the patient. NWTC ADN graduates take the same national licensing exam that graduates from four-year colleges and universities do, and NWTC graduates consistently score above the national average. NWTC nursing graduates report greater than 90 percent job placement as RNs within six months of graduation. Classroom, lab and simulation instruction, extensive clinical experience at area hospitals, extended care facilities and clinics, and service opportunities like work at the N.E.W. Clinic at NWTC all provide hands-on patient care experience that helps make NWTC graduates effective on the job. This program is accredited by the ACEN: Accreditation Commission for Education in Nursing.

TOTAL CREDITS: 71



All credits in the Practical Nursing (315431) technical diploma and some credits from the Paramedic (315311) technical diploma apply toward this associate degree.

Currently certified/practicing paramedics may apply credit from prior education and work experience toward the Nursing-Associate Degree.

MEDIAN STARTING SALARY: \$49,916*

 **ASSOCIATE DEGREE**

PHYSICAL THERAPIST ASSISTANT

Program Code: 105241

Physical therapist assistants assist the physical therapist in the provision of physical therapy, perform physical therapy interventions and related tasks, carry out operational functions, make modifications within the scope of the established plan of care, and perform documentation and assessments. The state of Wisconsin requires a license to practice as a physical therapist assistant. As a graduate of this associate degree program, you are eligible to take the National Physical Therapist Examination for Physical Therapist Assistants through the Federation of State Boards of Physical Therapy.

TOTAL CREDITS: 71

MEDIAN STARTING SALARY: \$41,298*

 **ASSOCIATE DEGREE**

RADIOGRAPHY

Program Code: 105261

Radiography is an exciting and challenging field involving the use of highly sophisticated equipment to create radiographs- the anatomical images that are used by physicians to diagnose disease. Radiographers have direct patient contact in clinic and hospital settings and are valuable members of the primary health care team. A graduate of the Radiography program can choose a career in a variety of health care settings including clinics, hospitals, and private practice physician offices. Graduates of the program are qualified to take the American Registry of Radiologic Technologist Certification Examination. Career advancement opportunities exist in additional imaging modalities, education, and administration as education/application specialists, sales representatives, and technical advisors.

TOTAL CREDITS: 71

MEDIAN STARTING SALARY: \$44,290*

 **ASSOCIATE DEGREE**

RESPIRATORY THERAPIST

Program Code: 105151

As a graduate of the Respiratory Therapist program, you're prepared to evaluate, diagnose, treat and rehabilitate patients with chronic and acute diseases of the heart and lungs. Typical careers include hospital staff therapist, pulmonary function technologist, sleep disorder center technician, shift supervisor, department manager, home care therapist/manager, nursing home therapist, respiratory care educator, and medical equipment and supplies sales representative. Respiratory Therapist program graduates are eligible to take the National Board for Respiratory Care Credentialing Examination.

TOTAL CREDITS: 71

MEDIAN STARTING SALARY: \$43,240*

 **ASSOCIATE DEGREE**

WELLNESS AND HEALTH PROMOTION

Program Code: 105461

For you, wellness is a way of life. What if you could motivate others to make healthy choices and improve their well-being? And earn a living doing what you love? With this associate degree program, you'll get ready for a career as a wellness coach, exercise trainer, or health promotion specialist. You'll prepare for employment in health care organizations, insurance companies, corporate environments, fitness facilities, and other health, home, and community settings. Plus, you'll learn to inspire people to implement positive lifestyle changes.

TOTAL CREDITS: 66

MEDIAN STARTING SALARY: \$43,600*

 **TECHNICAL DIPLOMA**

ADVANCED EMT (AEMT)

Program Code: 305316

Find the program description within the Law, Safety and Security cluster, page 65.

 **TECHNICAL DIPLOMA**

CERTIFIED MEDICATION ASSISTANT

Program Code: 305105

If you are a certified nursing assistant who is employed in a nursing home and is looking to add more challenge and variety to your daily work, the Certified Medication Assistant program is for you. With the support of your employer, you will learn to administer specific medications under the supervision of the nursing staff. You'll gain the knowledge of standard practices related to administration of medications affecting multiple body systems. Upon completion of this course, your name will be added to the Wisconsin Medication Aide Registry.

TOTAL CREDITS: 3

MEDIAN STARTING SALARY: \$29,300*

 **TECHNICAL DIPLOMA**

DENTAL ASSISTANT

Program Code: 315081

As a dental assistant, you work with dentists as they examine and treat patients. You may carry out a variety of laboratory, clinical, and office duties such as patient scheduling and bookkeeping functions. While dental assistants typically work in general or specialty dental offices, you may also choose to work for insurance companies, dental lab studios, or dental supply companies. You may also find employment with federal agencies such as the Veterans Administration, US Public Health Services, the Armed Forces, or a state, county, or city health facility. Students are given the opportunity to obtain National Board Certification prior to graduation. The Dental Assistant program is accredited by the American Dental Association Commission on Dental Accreditation.

TOTAL CREDITS: 34

MEDIAN STARTING SALARY: \$31,198*



FOR FULL COURSE LISTINGS AND ACADEMIC PLANS, GO TO nwtc.edu/programs

 TECHNICAL DIPLOMA

EMERGENCY MEDICAL TECHNICIAN

Program Code: 305313

Find the program description within the Law, Safety and Security cluster, page 66.

 TECHNICAL DIPLOMA

MEDICAL ASSISTANT

Program Code: 315091

Medical Assistant program graduates are eligible for employment in a variety of settings which could include physicians' offices, insurance providers, medical laboratories, or medical records departments. As a member of the health care team, the medical assistant prepares patients for examination or treatment, takes vital signs, performs simple lab tests, performs electrocardiograms, and performs administrative functions. If you are looking for a career working in a fast-paced environment where you interact with many people every day, medical assistant is the career for you. This program is accredited by the Commission on the Accreditation of Allied Health Education Programs (www.caahep.org) on recommendation of the Medical Assistant Education Review Board of American Association of Medical Assistant Endowment.

TOTAL CREDITS: 33



All credits in the Healthcare Customer Service Representative (615091) certificate apply toward this technical diploma. Some credits from this technical diploma apply toward the Practical Nursing (915431) technical diploma.

Currently certified/practicing medical assistants may apply credit from prior education and work experience toward the Practical Nursing program

Career Pathway Bridge available for students needing additional support to meet program entry requirements.

MEDIAN STARTING SALARY: \$24,046*

 TECHNICAL DIPLOMA

MEDICAL CODING SPECIALIST

Program Code: 315302

The Medical Coding Specialist program is designed to prepare students for employment in all types of health care organizations, insurance companies, or government agencies associated with medical coding, reimbursement, health services research, and health care planning. This technical diploma will take a minimum of four terms to complete.

TOTAL CREDITS: 27



All credits in this certificate apply toward the Health Information Technology (105301) associate degree.

MEDIAN STARTING SALARY: \$36,000*

 TECHNICAL DIPLOMA

NURSING ASSISTANT

Program Code: 305431

Nursing Assistant program graduates are eligible for employment in a variety of settings which could include an acute care hospital, long-term care/rehab facility, or home health agency. As a member of the health care team, the nursing assistant provides personal and daily care to clients who need assistance. Why choose the Nursing Assistant program at NWTC?

Success—More than 98 percent of NWTC Nursing Assistant graduates pass their written competency test on their first attempt. And the number of NWTC graduates who pass the skills test is higher than the state of Wisconsin average.

Quality—Many students are offered employment during their clinical experience.

Expertise—The Nursing Assistant faculty all have extensive work experience in taking care of elderly clients. The Nursing Assistant program is approved by the Office of Caregiver Quality within the Division of Quality Assurance as part of the Wisconsin Department of Health Services.

TOTAL CREDITS: 3



All credits in this technical diploma apply toward the Nursing - Associate Degree (105431) as a program entry requirement.

Career Pathway Bridge available for students needing additional support to meet program entry requirements.

MEDIAN STARTING SALARY: \$24,046*

 TECHNICAL DIPLOMA

OPHTHALMIC MEDICAL ASSISTANT

Program Code: 315164

As an Ophthalmic Medical Assistant program graduate, you are eligible for employment in a variety of settings which could include ophthalmologic and optometric practices and retail optical settings. You may perform prescreening and specialty eye care testing, assist with dispensing glasses and contact lenses, and perform office management duties, including maintaining patient information and billing and insurance processes. Typical careers in this field include ophthalmic assistant, ophthalmic medical assistant, optical assistant, and contact lens technician.

- A Lakeshore Technical College program offered at Northeast Wisconsin Technical College. For information call toll-free: (888) 385-6982

TOTAL CREDITS: 40

MEDIAN STARTING SALARY: \$36,000*

 TECHNICAL DIPLOMA

PARAMEDIC

Program Code: 315311

Paramedic graduates are prepared to perform emergency patient care and advanced life support in the pre-hospital setting, transporting injured and ill patients to hospital emergency departments. Graduates of this program will have the potential for employment on board paramedic-level ambulance services in the public (fire department-based) or private sector or in hospital emergency departments as emergency technicians. This program is nationally accredited through the Committee on Accreditation of Educational Programs for EMS Professionals under the auspices of the Commission on Accreditation of Allied Health Education Programs.



TOTAL CREDITS: 37

Some credits from this technical diploma apply toward the Nursing-Associate Degree (105431).

Currently certified/practicing paramedics may apply credit from prior education and work experience toward the Nursing-Associate Degree.

MEDIAN STARTING SALARY: \$35,222*

 TECHNICAL DIPLOMA

PRACTICAL NURSING

Program Code: 315431

As a Practical Nursing program graduate, you're eligible for careers in a variety of settings which could include an acute care hospital, long term care/rehab facility, physician's office, insurance provider, or home health agency. As a member of the health care team, the licensed practical nurse provides care to patients whose conditions are relatively stable and assists the registered nurse or health care provider in the care of the acutely ill patient. Why choose the Practical Nursing program at NWTC? Success - more than 92 percent of NWTC Practical Nursing graduates consistently pass their NCLEX-PN on their first attempt. Quality - many students are offered employment during their final clinical experience. Expertise - the Practical Nursing faculty are experts in the nursing profession who have completed graduate level nursing education. This program is approved by the Wisconsin Board of Nursing, Wisconsin Department of Safety and Professional Services. Graduates of this program, after obtaining licensure and completing additional coursework, may enter the Nursing-Associate Degree program.

TOTAL CREDITS: 31



All credits in this technical diploma apply toward the Nursing - Associate Degree (105431).

Currently certified/practicing medical assistants may apply credit from prior education and work experience toward the Practical Nursing program.

MEDIAN STARTING SALARY: \$32,926*

 TECHNICAL DIPLOMA

PHARMACY TECHNICIAN

Program Code: 315361

If you're ill or injured, you have access to an enormous variety of therapeutic medications, and you trust your pharmacy to correctly interpret and fill your prescriptions. Pharmacy technicians contribute to our safety by assisting pharmacists in a variety of technical tasks. If you're attentive to detail, organized, a good communicator, and like math, science, and working with people, a career as a pharmacy technician may be your prescription for success.

- A Lakeshore Technical College program offered at Northeast Wisconsin Technical College. For information call toll-free: (888) 385-6982.

TOTAL CREDITS: 36

MEDIAN STARTING SALARY: \$27,475*

 **TECHNICAL DIPLOMA**

SURGICAL TECHNOLOGIST

Program Code: 315121

As a surgical technologist you are a valuable member of the surgical team. You will prepare and maintain a sterile field before and during surgery, pass instruments and supplies to the surgeon, provide safe patient care, and prepare instruments for operative procedures. You may work in a hospital, outpatient surgery, private practice or clinical setting. As a Surgical Technologist program graduate, you may also have a career as a central supply technician, claims approver, private scrub technician and medical sales person. Graduates of this technical diploma are required to take the Surgical Technology National Certification Exam.

TOTAL CREDITS: 38

MEDIAN STARTING SALARY: \$37,125*

 **TECHNICAL DIPLOMA**

THERAPEUTIC MASSAGE

Program Code: 315371

Imagine a career in which you're the best part of someone's day. As a licensed massage therapist, you make people feel better through your skills and expertise. In this 27-credit program, you'll gain a comprehensive understanding of the human body and a high degree of professional technical skill, with an emphasis on personal and professional development, increased self-awareness, and sensitivity. Career opportunities for licensed massage therapists exist in sports clinics, salons, spas, wellness or other health care centers, or as an entrepreneur.

TOTAL CREDITS: 27

MEDIAN STARTING SALARY: \$20,300*

 **CERTIFICATE**

HEALTH CARE LEADERSHIP

Program Code: 901967

The Health Care Leadership Certificate is designed to prepare a person for a leadership role within health care settings. It includes learning the skills of supervision, team building and problem solving, leadership, and managing quality in a health care environment. All credits in this certificate may be applied toward the Leadership Development associate degree.


TOTAL CREDITS: 12

HEALTH CARE CUSTOMER SERVICE REPRESENTATIVE

Program Code: 615091

Learn to provide excellent customer service in a health care setting. You'll be instructed on how to not only meet but to exceed customer needs.

TOTAL CREDITS: 7

 All courses in this certificate apply toward the Medical Assistant (315091) technical diploma program. This certificate is also available for dual-credit in some high school districts.

HEALTH CARE LEADERSHIP - ADVANCED

Program Code: 9019610

The Advanced Health Care Leadership Certificate is designed to prepare a person to take the next step in leadership within health care settings. It includes budgeting and finance, legal issues in the workplace, working with a diverse population of employees, and either safety in the workplace or the human resource function. All credits in this certificate may be applied toward the Leadership Development associate degree.

TOTAL CREDITS: 12

PERSONAL CARE WORKER

Program Code: 905013

Emphasizes aspects of providing personal and supportive/rehabilitative in-home and facility based health care including client's rights, communication, rehabilitation, positioning and transfer skills, infection control, and safety. This is a 34-hour in person course combining lecture with laboratory practice of learned skills. All skill competencies will be assessed under the guidance of a registered nurse.

TOTAL CREDITS: 1

PHLEBOTOMY

Program Code: 905131

The Phlebotomy Certificate teaches blood-collecting techniques that include venipuncture, and skin punctures to provide samples necessary for lab analysis. Students also learn techniques and procedures needed to assist with various lab procedures, including specimen processing. The phlebotomist must recognize any conditions that might alter collections, correlate types of lab tests to the written diagnosis, and communicate with both the laboratory and the patients to provide the best care possible and assure specimen integrity.

TOTAL CREDITS: 14



HUMAN SERVICES AND EDUCATION



NWTC PATHWAY PROGRAMS



EARLY CHILDHOOD EDUCATION — 103071

2+ 2+2 AGREEMENT WITH A 4-YEAR UNIVERSITY



LICENSING BASIC 0-2 — 613073

HS ALSO AVAILABLE IN SOME HIGH SCHOOL DISTRICTS



LICENSING BASIC 3-5 — 613072

HS ALSO AVAILABLE IN SOME HIGH SCHOOL DISTRICTS



HUMAN SERVICES — 105203



SUBSTANCE ABUSE COUNSELOR EDUCATION — 315501



SUBSTANCE ABUSE SPECIALTY — 905502



FOUNDATIONS OF TEACHER EDUCATION — 105222



PARAEDUCATOR — 315222



INTRODUCTION TO PARAEDUCATOR CAREERS — 615221



FOUNDATIONS OF TEACHER EDUCATION — 105222



AUTISM TECHNICIAN — 315223



ASSOCIATE DEGREE

Early Childhood Education
Foundations of Teacher Education
Human Services **[new]**
Individualized Technical Studies
Individualized Technical Studies -
Journeyworker



TECHNICAL DIPLOMA

Autism Technician **[new]**
Paraeducator **[new]**
Substance Abuse Counselor
Education **[new]**



CERTIFICATE

Bilingual/English Language Learning
Early Childhood - Childcare
Administration
Early Childhood - Infant Toddler
Early Childhood Licensing Basic
Ages 0-2
Early Childhood Licensing Basic
Ages 3-5
Early Childhood, The Inclusion
Early Childhood, The Preschool
EC: Program Development **[new]**
ECE: Autism
Intensive English Program - Advanced
Intensive English Program -
Intermediate
Introduction to Paraeducator Careers
Library Assistant
Special Education
Substance Abuse Specialist **[new]**
Supporting Children's Learning



NWTC PATHWAYS are designed to give students a clear path to industry-recognized skills and market-approved job opportunities. No matter where you are on your career path, you can be confident you won't lose your progress. For example, you may find courses from a certificate or technical diploma existing fully within an associate degree. Every credential leads to higher earning potential! Visit nwtc.edu for the most current Pathways updates. Other examples of NWTC Pathways include:



HS

THE HIGH SCHOOL, OR TECH NOW, PATHWAY allows junior and senior high school students to apply dual credits to college-level credentials. Check with your school counselor for availability.

CB

CAREER PATHWAY BRIDGES are available for students who did not meet program entry scores, ELL students, or students in need of a high school diploma or GED. Gain additional language and/or basic academic skills while working to complete a certificate and/or diploma.

2+

THE 2+2 ARTICULATION AGREEMENT PATHWAY allows you to transfer all of your NWTC credits to specific four-year university partners. Students who transfer will have completed two of the four years required in the four-year degree.

PP

PROGRAM TO PROGRAM BRIDGE PATHWAYS allow you to apply credit from your prior education and job experience to a related program.

 **ASSOCIATE DEGREE**

EARLY CHILDHOOD EDUCATION

Program Code: 103071

The Early Childhood Education program prepares students to work as teacher-caregivers in early childhood settings. The program combines hands-on fieldwork in area centers with related academic work at the College. Early childhood educators are responsible for the care and education of children in the birth-to-eight-years age range. Responsibilities include creating and maintaining safe and healthy play environments, guiding behavior, planning and implementing learning activities, and working cooperatively with staff and parents.



TOTAL **70**

All credits from the Early Childhood Licensing Basic Ages 0-2 (613073) and the Early Childhood Licensing Basic Ages 3-5 (613072) certificates apply toward this associate degree.

Ask your advisor about 2+2 transfer opportunities.

MEDIAN STARTING SALARY: \$23,211*

 **ASSOCIATE DEGREE**

FOUNDATIONS OF TEACHER EDUCATION

Program Code: 105222

As a paraeducator (instructional assistant), you will work directly with students under the supervision of a licensed teacher. Your education will prepare you to fulfill multiple roles such as assisting students with assignments, guiding behavior, supporting students with special needs (including personal hygiene), and clerical tasks related to instruction. You may work with children from pre-kindergarten through age 21 during the traditional school day and year. Your career opportunities exist in preschools, elementary schools, middle schools, and high schools.



TOTAL CREDITS: **67**

All credits from the Paraeducator (105222) technical diploma and the Introduction to Paraeducator Careers (615221) certificate apply toward this associate degree.

Some credits from the Autism Technician (315223) technical diploma apply toward this associate degree.

MEDIAN STARTING SALARY: \$29,843*

[new]

 **ASSOCIATE DEGREE**

HUMAN SERVICES

Program Code: 105203

This program trains people to provide education, support, care, advocacy, and/or crisis intervention in a human service agency. Learners acquire the skills needed to work with individuals, groups, and communities. Key components of this degree include cultural awareness and an understanding of diverse cultural groups, a responsible attitude, commitment to serve others, and effective communication skills.

TOTAL CREDITS: **70**



All credits from the Substance Abuse Counselor Education (315501) technical diploma and the Substance Abuse Specialty (905502) certificate apply toward this associate degree.

MEDIAN STARTING SALARY: \$34,000*



 **ASSOCIATE DEGREE**

INDIVIDUALIZED TECHNICAL STUDIES

Program Code: 108251

The Individualized Technical Studies program is intended for currently employed individuals who have a specific career objective that cannot be met by existing degree programs. By combining state board approved courses from two or more major areas of study, the student, along with an occupational advisor, designs an occupational degree program into a unique associate degree.

TOTAL CREDITS: 60

 **ASSOCIATE DEGREE**

INDIVIDUALIZED TECHNICAL STUDIES - JOURNEYWORKER

Program Code: 104995

Individualized Technical Studies-Journeyworker is designed for journeyworkers from various trades who are interested in continuing their education and earning a degree customized to their career interests. Thirty-nine credits are granted toward the degree based upon completion of a Wisconsin Journey Certificate that includes 400 hours or more of instruction. With a college advisor, the journeyworker identifies the knowledge and skills required to achieve specific career goals. Existing NWTC courses become components of the journeyworker's program of study. At a time when the workplace is continuously changing with advancing technology and flexible organizational practices, new and nontraditional skills are required of the successful worker.

TOTAL CREDITS: 61

[new]

 **TECHNICAL DIPLOMA**

AUTISM TECHNICIAN

Program Code: 315223

The Autism Technician technical diploma program prepares qualified individuals to work directly with persons with autism in a variety of settings including home and school. Duties include collecting and examining data; implementing strategies and techniques to promote educational and social success; and providing vocational and functional living skills support for persons with autism.

The Autism Technician technical diploma is designed for behavior technicians, line therapists, child care teachers, paraeducators, teachers, parents, relatives and caregivers. The Autism Technician technical diploma includes hours in a practicum placement directly working with persons with autism.

TOTAL CREDITS: 28



All credits in the Early Childhood - Autism (9030713) certificate apply toward this technical diploma.

Some credits from this certificate apply toward the Foundations of Teacher Education (105222) associate degree.

MEDIAN STARTING SALARY: \$27,500*

[new]

 **TECHNICAL DIPLOMA**

PARAEDUCATOR

Program Code: 315222

As a paraeducator (instructional assistant), you will work directly with students under the supervision of a licensed teacher. Your education will prepare you to fulfill multiple roles such as assisting students with assignments, guiding behavior, supporting students with special needs (including personal hygiene), and clerical tasks related to instruction. You may work with children from pre-kindergarten through age 21 during the traditional school day and year. Your career opportunities exist in preschools, elementary schools, middle schools, and high schools.

TOTAL CREDITS: 49



All credits from this program apply toward the Foundations of Teacher Education (105222) associate degree.

All credits from the Introduction to Paraeducator Careers (615221) certificate apply toward this technical diploma.

MEDIAN STARTING SALARY: \$26,000*



FOR FULL COURSE LISTINGS AND ACADEMIC PLANS, GO TO nwtc.edu/programs

SUBSTANCE ABUSE COUNSELOR EDUCATION

Program Code: 315501

If you're interested in becoming a substance abuse counselor, consider the Substance Abuse Counselor Education technical diploma. You'll experience 360 hours of education across six content areas required for substance abuse counselors. This comprehensive education program is preapproved by the Wisconsin Department of Safety and Professional Services.

TOTAL CREDITS:

32



All credits from this technical diploma apply toward the Human Services (105203) associate degree. All credits from the Substance Abuse Specialty (905502) certificate apply toward this technical diploma.

MEDIAN STARTING SALARY:

\$32,000*

BILINGUAL/ENGLISH LANGUAGE LEARNING

Program Code: 905225

This certificate is designed for anyone working or interested in working/serving ELL/ESL/SLL/Bilingual children, school-age students or adults. This course gives an understanding of language diversity, bilingual/English language learners, models and programming, assessment and strategies to support all learners.


TOTAL CREDITS:

6

EARLY CHILDHOOD - AUTISM

Program Code: 9030713

The Autism Certificate is designed for child care teachers, paraeducators, teachers, parents, relatives and caregivers. Learn how to support individuals with autism spectrum disorder. Learn strategies and techniques to promote educational and social success in individuals who have been diagnosed with a Pervasive Developmental Disorder such as autism.

 All credits in this certificate apply toward the Autism Technician (315223) technical diploma.

TOTAL CREDITS:

9

EARLY CHILDHOOD - CHILDCARE ADMINISTRATION

Program Code: 903071

This certificate prepares participants with administrative and supervision skills needed by early child care administrators: financial management and planning, operations management, external factors affection operation, and best practices for children and families in early childhood programs. Courses can be taken in any order and concurrently, as long as ECE: Child Care-Admin Seminar (10-307-165) is taken last. Completion of all six courses will prepare learners to receive The Wisconsin Child Care Administration Credential from The Registry-Wisconsin's Recognition System for the Childhood Care and Education Profession.

TOTAL CREDITS:

18

EARLY CHILDHOOD - INFANT TODDLER

Program Code: 903073

This certificate is designed for family child care providers, infant toddler teachers, child care administrators, directors, birth-3 aides/teachers, certified providers or anyone considering entering early childhood care. Completion of the four courses in this credential, along with preparation of a portfolio, permits the student to apply for and attain the Wisconsin Infant Toddler Professional Credential from The Registry. Courses can be taken in any order and concurrently, as long as Infant/Toddler-Capstone (10-307-115) is taken last.


TOTAL CREDITS:

12

EARLY CHILDHOOD LICENSING BASIC AGES 0-2

Program Code: 613073

This certificate is designed for individuals wishing to satisfy the state of Wisconsin Licensing Code, DCF 251, Licensing Rules for Group Child Care Centers.

 All credits in this certificate apply toward the Early Childhood Education (103071) associate degree. This certificate is also available for dual-credit in some high school districts.


TOTAL CREDITS:

9

EARLY CHILDHOOD LICENSING BASIC AGES 3-5

Program Code: 613072

This certificate is designed for individuals wishing to satisfy the state of Wisconsin Licensing Code, DCF 251, Licensing Rules for Group Child Care Centers.

 All credits in this certificate apply toward the Early Childhood Education (103071) associate degree. This certificate is also available for dual-credit in some high school districts.

TOTAL CREDITS:

9



EARLY CHILDHOOD - THE INCLUSION

Program Code: 9030712

The Early Childhood: Inclusion Certificate is designed to help you build the skills, knowledge, resources and attitudes to successfully work with ALL children in your centers and programs. Working with children who have special needs can present unique challenges and opportunities to the child care industry and early childhood education field in Wisconsin. Even experienced practitioners have felt intimidated in serving this population due to a lack of up-to-date information and a well thought out service approach. Courses can be taken in any order and concurrently, as long as ECE: Capstone Family/Team Centered Practice Course (10-307-173) is taken last. Completion of all four courses will prepare learners to receive The Wisconsin Inclusion Credential from The Registry-Wisconsin's Recognition System for the Childhood Care and Education Profession.

TOTAL CREDITS: 12

EARLY CHILDHOOD - THE PRESCHOOL

Program Code: 9030711

The Preschool Certificate is designed for individuals working with children ages three to five. This might include family childcare providers, day care teachers, nursery school teachers, certified providers, or anyone wishing to provide a quality environment and learning activities for children in this critical age group. Courses can be taken in any order and concurrently, as long as ECE: Preschool Capstone (10-307-102) is taken last.

Completion of all six courses will prepare learners to receive The Wisconsin Preschool Credential from The Registry-Wisconsin's Recognition System for the Childhood Care and Education Profession.

TOTAL CREDITS: 18

[new]

EARLY CHILDHOOD - PROGRAM DEVELOPMENT

Program Code: 9030716

The Early Childhood: Child Care Program Development Certificate consists of 4 three-credit courses which prepare individuals to plan, implement, and evaluate an early care and education program. Participants learn to create a healthy learning community of children and adults that promotes optimal child development, healthy families, and healthy relationships in supportive environments. Courses can be taken in any order and concurrently, as long as ECE Prog: Design Env Capstone (10-307-253) is taken last.

Completion of all four courses will prepare learners to receive The Program Development Credential from The Registry-Wisconsin's Recognition System for the Childhood Care and Education Profession.

TOTAL CREDITS: 12

INTENSIVE ENGLISH PROGRAM - INTERMEDIATE

Program Code: 908612

TOTAL CREDITS: 12

INTENSIVE ENGLISH PROGRAM - ADVANCED

Program Code: 908613

TOTAL CREDITS: 12

The Intensive English Program (IEP) at NWTC is designed to prepare students for the academic language demands of college-level coursework. The IEP offers two levels of English instruction: Intermediate and Advanced. Students attend class 4 hours daily in Listening/Speaking, Reading, Writing, and Grammar. Students also have access to the language lab for independent study and practice in the afternoon. The IEP instructors have many years of experience and have lived and/or taught extensively in other countries.

The benefits of participating in the NWTC Intensive English Program (IEP) are:

- Attending an IEP program located in a college environment which provides student support services for academic success
- Academic language skills necessary for success in college-level courses
- Acclimation to the US college experience prior to enrolling in full-time college-level programs
- Ease of transition into post-secondary programs at Northeast Wisconsin Technical College, or transfer to other state colleges or universities within the United States
- Twice as much instruction for the cost as compared to other US Intensive English Programs

This program also offers a six-week Summer Academy with integrated curriculum for intermediate students. The Summer Academy will provide early preparation for further intensive English study.

For further information on the Intensive English Program including the Summer Academy, visit: <http://www.nwtc.edu/IntensiveEnglish>

The Intensive English Program (IEP) curriculum at NWTC is designed to prepare students for the academic language demands of college-level coursework.




INTRODUCTION TO PARAEDUCATOR CAREERS

Program Code: 615221

Are you interested in working with preschool students through grade twelve? In this certificate, you'll receive a basic foundation in theory and practical application of how children learn, teaching strategies, supporting the classroom teacher with classroom management, and addressing the needs of special needs students.

TOTAL CREDITS: 12

 All credits from this certificate apply toward the Paraeducator (105222) technical diploma and the Foundations of Teacher Education (105222) associate degree.

LIBRARY ASSISTANT

Program Code: 905223

This certificate is designed to be an introduction to anyone with an interest in library science. Courses provide an overview of library management, the roles and responsibilities of a library assistant, celebrating children and young adult literary resources, strategies to support children and young adults with literature, supporting independent strategic readers and working with children and young adults in reading and language arts. Courses are delivered online.

TOTAL CREDITS: 9

SPECIAL EDUCATION

Program Code: 905224

The Special Education Certificate is a twelve-credit certificate designed in conjunction with the Paraeducator Associate Degree. The Special Education certificate is applicable for both new learners and people currently working in the field with persons with exceptionalities. Courses provide an overview to special education and persons with exceptionalities, practical classroom strategies to support learning for a variety of disability areas as well as techniques for guiding and managing behavior. Courses are delivered online.


TOTAL CREDITS: 12

SUBSTANCE ABUSE SPECIALIST

Program Code: 905502

The substance abuse specialization certificate is for people who hold or are in the process of gaining licensure as a professional counselor, clinical social worker, or marriage and family therapist in the state of Wisconsin and would like to add the Substance Abuse Specialty certification as a Substance Abuse Counselor.

TOTAL CREDITS: 15

 All credits from this certificate apply toward the Substance Abuse Counselor Education (315501) technical diploma and the Human Services (105203) associate degree.

SUPPORTING CHILDREN'S LEARNING

Program Code: 905221

This certificate is designed to further the professional development needs of anyone preparing for, or already engaged in, a paraeducator or educational paraprofessional position. The coursework in this certificate program addresses methods for assisting in the instruction, guidance, and classroom management of students by performing a variety of instructional support activities related to grade level curriculum. Integrating current technology into the learning environment is also introduced. Some courses transfer to the Paraeducator associate degree.

TOTAL CREDITS: 15

**Start here.
GO ANYWHERE.**



INFORMATION TECHNOLOGY



NWTC PATHWAY PROGRAMS

 **COMPUTER SUPPORT SPECIALIST** — 101543

 **COMPUTER SUPPORT TECHNICIAN**— 311546

 **IT NETWORK SPECIALIST** — 101502

 **CISCO SYSTEM ADMINISTRATOR**— 301506

 **LINUX SYSTEM ADMINISTRATOR**— 301507

 **MICROSOFT SYSTEM ADMINISTRATOR**— 301505

 **VIRTUALIZATION SYSTEM ADMINISTRATOR**— 301501

 **NETWORKING** — 611504

 **WEB DEVELOPMENT** — 101522

 **WEB DESIGN**— 901352

 **WEB APPLICATION PROGRAMMING TECHNICIAN**— 311523

ASSOCIATE DEGREE

Business Analyst
Computer Support Specialist - IT
Network Specialist - IT
Software Developer
Web Development

CERTIFICATE

Computer Support
Networking
Web Application
Programming
Web Design

TECHNICAL DIPLOMA

Cisco System Administrator
Computer Support Technician
Linux System Administrator
Microsoft System Administrator
Virtualization System Administrator
Web Application Programming Technician
Web Design Technician



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HS **THE HIGH SCHOOL, OR TECH NOW, PATHWAY** allows junior and senior high school students to apply dual credits to college-level credentials. Check with your school counselor for availability.

CB **CAREER PATHWAY BRIDGES** are available for students who did not meet program entry scores, ELL students, or students in need of a high school diploma or GED. Gain additional language and/or basic academic skills while working to complete a certificate and/or diploma.

2+ **THE 2+2 ARTICULATION AGREEMENT PATHWAY** allows you to transfer all of your NWTC credits to specific four-year university partners. Students who transfer will have completed two of the four years required in the four-year degree.

PP **PROGRAM TO PROGRAM BRIDGE PATHWAYS** allow you to apply credit from your prior education and job experience to a related program.

 ASSOCIATE DEGREE

BUSINESS ANALYST

Program Code: 101021

The Business Analyst (BA) associate degree prepares learners to work as liaisons among stakeholders in order to understand the structure, policies, and operation of an organization. Learners use techniques to gather and analyze business requirements, using best practices and relevant technologies. Graduates will be prepared to function as liaisons with IT and subject matter experts. Graduates will be able to support the needs of businesses in a wide variety of industries, including healthcare, manufacturing, insurance, and finance.

TOTAL CREDITS: 71

MEDIAN STARTING SALARY: \$36,000*


 ASSOCIATE DEGREE

COMPUTER SUPPORT SPECIALIST - IT

Program Code: 101543

The demand for computer support specialists is growing as the number of computers and their level of complexity rise, according to the U.S. Department of Labor. As a Computer Support Specialist- IT program graduate, you're prepared for a variety of careers including IT consultant, help desk/support specialist, PC programmer, computer sales representative, IT trainer, network assistant, desktop application developer, and PC repair technician.

TOTAL CREDITS: 71

 All credits in the Computer Support Technician (311546) technical diploma apply toward this associate degree.

MEDIAN STARTING SALARY: \$35,357*


 ASSOCIATE DEGREE

NETWORK SPECIALIST - IT

Program Code: 101502

Network specialists are technology professionals who are responsible for network infrastructure, software and desktop deployment, maintenance, and troubleshooting. Network specialists' opportunities for employment can range from network support specialist to network administrators to business technology consultants. Responsibilities can include network and user administration, network infrastructure configuration and support, and security design - all focused on developing and maintaining an active network for optimal performance. Graduates of this associate degree are also prepared to pursue mainstream vendor certifications.

TOTAL CREDITS: 78

 All credits in the Cisco (301506), Linux (301507), Microsoft (301505) and Virtualization System Administrator (301501) technical diplomas and the Networking (611504) certificate apply toward this associate degree.

MEDIAN STARTING SALARY: \$38,000*

 ASSOCIATE DEGREE

SOFTWARE DEVELOPER

Program Code: 101521

This two-year program prepares its learners to design, develop and test business application software using various leading programming languages. Graduates will be proficient in HTML, C#, Java, PHP, ASP.NET, and SQL along with various supporting technologies in networking, database development, documentation, and system analysis and design. Graduates will be prepared to support the software development needs of businesses in a wide variety of industries. Training blends general education development with required IT technical skills. All courses are offered in an in-person format and some are also offered online for additional flexibility.

TOTAL CREDITS: 68

MEDIAN STARTING SALARY: \$56,000*


 **ASSOCIATE DEGREE**

WEB DEVELOPMENT

Program Code: 101522

Web developers design, implement, and maintain web applications and websites. As a graduate of the Web Development associate degree, you're prepared for such careers as web developer, web technical support specialist, and web analyst. You play a key role in internet-based business systems and websites using concepts in design and programming.

TOTAL CREDITS: 70

 All credits from the Web Design (311522) technical diploma and the Web Application Programming Technician (311523) technical diploma apply toward this associate degree.

MEDIAN STARTING SALARY: \$33,300*


 **TECHNICAL DIPLOMA**

COMPUTER SUPPORT TECHNICIAN - IT

Program Code: 311546

This one-year technical diploma emphasizes problem solving using microcomputer hardware and software facilities including command line environment and Windows operating systems, Microsoft Word, and Microsoft Excel. As a graduate, you may choose a career as an IT consultant, providing one-on-one problem solving to computer users, or work as a computer sales representative.

TOTAL CREDITS: 37

 All credits in this program apply toward the Computer Support Specialist - IT (101543) associate degree.

MEDIAN STARTING SALARY: \$38,477*


 **TECHNICAL DIPLOMA**

CISCO SYSTEM ADMINISTRATOR

Program Code: 301506

Become a Cisco systems administrator and utilize your analytical, problem-solving, and communication skills. This technical diploma covers CCNA routing and switching curriculum provided by Cisco's Networking Academy. You'll prepare for entry-level career opportunities such as network specialists, network administrators, and network support engineers. You'll also prepare for globally recognized Cisco certifications. With this technical diploma under your belt, your ability to install, configure, operate, and troubleshoot medium-sized routed and switched networks is validated.

TOTAL CREDITS: 17

 All credits in this program apply toward the Network Specialist-IT (101502) associate degree.

MEDIAN STARTING SALARY: \$37,000*


 **TECHNICAL DIPLOMA**

LINUX SYSTEM ADMINISTRATOR

Program Code: 301507

Interested in becoming a Linux system administrator? With this technical diploma, you'll be exposed to a variety of skills utilizing free and open source software. You'll learn to install, support, maintain, and troubleshoot Linux servers in a business environment. You'll also pick up various aspects of networking, security, data storage, and typical network protocols using CentOS, a RedHat based Linux Distribution. Emphasis is placed on understanding Linux servers, services, users and groups.

TOTAL CREDITS: 18

 All credits in this program apply toward the Network Specialist-IT (101502) associate degree.

MEDIAN STARTING SALARY: \$37,000*


 TECHNICAL DIPLOMA

MICROSOFT SYSTEM ADMINISTRATOR

Program Code: 301505

Prepare for a variety of entry-level systems administration careers. With this technical diploma program, you'll learn aspects of data networking and security, data storage, network administration and operating systems software. You'll gain an understanding of Microsoft Windows Server, Windows client systems and virtualization technologies. Plus, you can work to obtain industry certifications to enhance employment opportunities. Typical job duties include the installation, configuration, administration and operation of client and server systems including Microsoft Windows server and Windows client.

TOTAL CREDITS: 21

 All credits in this program apply toward the Network Specialist-IT (101502) associate degree.

MEDIAN STARTING SALARY: \$37,000*


 TECHNICAL DIPLOMA

VIRTUALIZATION SYSTEM ADMINISTRATOR

Program Code: 301501

Get the skills needed to install, support, maintain, and troubleshoot hardware virtualization in corporate environments. Virtual technologies are becoming critical to today's companies. Why? Computer virtualization allows multiple individual operating systems to be run and controlled on a single physical server. Machine virtualization allows companies to support the number of servers and/or workstations they require for business functionality while minimizing the amount of physical hardware required. The result is decreased hardware cost, decreased electrical requirements, decreased cooling requirements, and decreased physical space requirements.

TOTAL CREDITS: 17

 All credits in this program apply toward the Network Specialist-IT (101502) associate degree.

MEDIAN STARTING SALARY: \$37,000*


 TECHNICAL DIPLOMA

WEB APPLICATION PROGRAMMING TECHNICIAN

Program Code: 311523

As a graduate of this technical diploma program, you're skilled in developing, building, and configuring dynamic and interactive websites and applications. Typical careers in this field include web developer, PHP developer, web applications developer, .NET web developer, web programmer, web architect, and web specialist.

TOTAL CREDITS: 34

 All credits in this program apply toward the Web Development (101522) associate degree.

MEDIAN STARTING SALARY: \$47,000*


 TECHNICAL DIPLOMA

WEB DESIGN TECHNICIAN

Program Code: 311522

Imagine yourself in the exciting world of web design! As a Web Design Technician graduate, you're prepared to design and develop dynamic websites, code website formatting styles, develop interactive web graphics, create functional website navigation, test website usability, and upload and manage websites. Career opportunities include website developer, front end web developer, user experience designer, user interface designer, and graphic and interface designer.

TOTAL CREDITS: 29

 All credits in this program apply toward the Web Development (101522) associate degree.

MEDIAN STARTING SALARY \$24,300*



COMPUTER SUPPORT

Program Code: 901542


The Computer Support Certificate is designed for individuals interested in developing the support skills necessary to provide a wide range of end-user support to the computer user. Online delivery of many of the courses in this certificate allows the learner to progress at his/her own pace. All credits from this certificate can be applied to meet requirements in the Computer Support Specialist associate degree program.

TOTAL CREDITS: 18

NETWORKING

Program Code: 611504

Develop basic skills in designing, installing, configuring, and maintaining computer networks.

 All credits in this program apply toward the IT Network Specialist (101502) associate degree.

TOTAL CREDITS: 17

WEB APPLICATION PROGRAMMING

Program Code: 901522

Web Application Programming is designed for individuals interested in developing database skills necessary to integrate web technologies. All credits from this certificate can be applied to meet requirements in the Web Development associate degree program and Web Application Programming Technician technical diploma.

TOTAL CREDITS: 24

WEB DESIGN

Program Code: 901352

The Web Design Certificate will provide learners the ability to develop websites by learning how to design and code functional graphics, interfaces, navigation, page formatting, and styles. The student will also learn to upload and manage websites and test website usability. All credits from this certificate can be applied to meet requirements in the Web Development associate degree program.

TOTAL CREDITS: 15



**Start here.
GO ANYWHERE.**

FOR FULL COURSE LISTINGS AND ACADEMIC PLANS, GO TO nwtc.edu/programs



LAW, SAFETY AND SECURITY



NWTC PATHWAY PROGRAMS



CRIMINAL JUSTICE PROFESSIONAL STUDIES —
105045



EMERGENCY DISPATCH — 615043



JAIL OFFICER ACADEMY — 615042



PARALEGAL POST BACCALAUREATE— 311101



PARALEGAL ASSOCIATE DEGREE — 101101



LAW OFFICE ADMINISTRATION — 611101



FIRE MEDIC— 105312



FIRE SCIENCE— 305318



PARAMEDIC— 315311



ASSOCIATE DEGREE

Court Reporting
Criminal Justice - Law Enforcement
Criminal Justice Professional Studies
Fire Medic
Fire Protection Engineering Technology
Paralegal



TECHNICAL DIPLOMA

Advanced EMT (AEMT)
Criminal Justice 720 Law Enforcement Academy
Emergency Medical Technician
Fire Science
Paralegal Post Baccalaureate **[new]**
Paramedic



CERTIFICATE

Emergency Dispatch **PE**
Jail and Juvenile Officer Academy
Jail Officer Academy **PE**
Law Office Administrator **[new]** **PE**



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NORTHEAST WISCONSIN TECHNICAL COLLEGE



THE HIGH SCHOOL, OR TECH NOW, PATHWAY allows junior and senior high school students to apply dual credits to college-level credentials. Check with your school counselor for availability.



CAREER PATHWAY BRIDGES are available for students who did not meet program entry scores, ELL students, or students in need of a high school diploma or GED. Gain additional language and/or basic academic skills while working to complete a certificate and/or diploma.



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PROGRAM TO PROGRAM BRIDGE PATHWAYS allow you to apply credit from your prior education and job experience to a related program.

 **ASSOCIATE DEGREE**

COURT REPORTING

Program Code: 101702

You've seen high profile trials with a person keying the testimony into a stenograph machine or read the scrolling captions for the hearing-impaired on your TV screen. The person recording the spoken words at speeds ranging from 180 to 225 words a minute is a court reporter. If you're an excellent listener, have strong language and communications skills, and are committed to accuracy and confidentiality, a career in court reporting may be a perfect fit for you.

- A Lakeshore Technical College program offered at Northeast Wisconsin Technical College. For information call toll-free: (888) 385-6982

TOTAL CREDITS: 64

MEDIAN STARTING SALARY: \$41,753*

 **ASSOCIATE DEGREE**

CRIMINAL JUSTICE - LAW ENFORCEMENT

Program Code: 105046

Graduates of this two-year program are prepared to meet the rewarding challenges of the police profession, including criminal investigation; constitutional, traffic and criminal law; patrol procedure; crime scene practices; and use of force and driving skills. Students graduating from the program will be certifiable as law enforcement officers in Wisconsin. This program is recognized and endorsed by the state of Wisconsin Department of Justice Training and Standards Bureau. Typical careers in this field include police officer, deputy sheriff, DNR officer, state trooper, military law enforcement officer, private investigator, and correctional officer as well as careers in corporate security, loss prevention, U.S. customs, transportation security administration and border patrol.

TOTAL CREDITS: 61

MEDIAN STARTING SALARY: \$33,416*

 **ASSOCIATE DEGREE**

CRIMINAL JUSTICE PROFESSIONAL STUDIES

Program Code: 105045

Jump start your career in criminal justice! This program will instill various aspects of criminal justice careers including law, security, loss prevention, and investigations. In addition, you will gain experience with emergency dispatch, communications, report writing and forensics. Graduates will have the foundation for professions in criminal justice as well as opportunities for transfer to higher credentials.

TOTAL CREDITS: 63



All credits from the Emergency Dispatch (615043) certificate apply toward this associate degree. Some credits from the Jail Officer Academy (615042) certificate apply toward this associate degree.

MEDIAN STARTING SALARY: \$32,600

 **ASSOCIATE DEGREE**

FIRE MEDIC

Program Code: 105312

Your passion for helping others is matched only by your ability to stay calm in times of crisis. Making a difference is what moves you. You have found your purpose - become a fire medic. As a graduate of this two-year program, you'll be cross-trained in fire protection/suppression and emergency medical services (EMS) at the advanced life support/paramedic level. You'll be prepared for employment in fire-based EMS agencies such as rural and urban fire departments, airport public safety departments, and industrial/fire safety teams. Plus, you'll be trained to respond to out-of-hospital medical/trauma emergencies, fire or HAZMAT emergencies, mass casualty incidents and/or special rescue operations in a community served by a full-time fire department.

TOTAL CREDITS: 71



All credits from the Paramedic (315311) technical diploma apply toward this associate degree.

Some credits from the Fire Science (305318) technical diploma apply toward this associate degree.

MEDIAN STARTING SALARY: \$38,600*

 **ASSOCIATE DEGREE**

FIRE PROTECTION ENGINEERING TECHNOLOGY

Program Code: 105033

If you want to make a difference in your career by keeping our communities safe from the danger and destruction of fire, consider a future in fire protection engineering technology. In this exciting field, the principles of science and engineering are used to protect people and their environments from the devastating events of fire and smoke. To safeguard our homes, buildings and businesses, highly-skilled professionals are needed to design, install and service automatic sprinkler, fire alarm and special hazard fire suppression systems. Typical careers for graduates of the Fire Protection Engineering Technology program include fire protection systems designer, fire protection systems service representative, fire protection systems installation technician and industrial safety technician. This program is offered at the Marinette campus.

TOTAL CREDITS: 69

MEDIAN STARTING SALARY: \$39,000*

 **ASSOCIATE DEGREE**

PARALEGAL

Program Code: 101101

Paralegals perform work under the supervision of a lawyer in a variety of settings – a private law firm, insurance company, corporation, bank, private business, legal clinic, government agency, legal aid office, law department, special interest group, public defender’s office, prosecutor’s office, service company, or consulting firm. The Paralegal program is approved by the American Bar Association and is also a member of the American Association for Paralegal Education. Paralegals are not authorized to provide legal services directly to the public except as permitted by law.



TOTAL CREDITS: 68

All credits from the Law Office Administration (611101) certificate apply toward this associate degree.

MEDIAN STARTING SALARY: \$21,000*

 **TECHNICAL DIPLOMA**

ADVANCED EMT (AEMT)

Program Code: 305316

Advanced EMT students are Wisconsin licensed EMTs seeking to upgrade their skills to the Advanced Emergency Medical Technician level. These skills are performed and compliant with the Wisconsin scope of practice. A graduate of this technical diploma program has the potential for employment as an advanced EMT technician, performing pre-hospital patient care for the ill and injured with a Wisconsin ambulance service licensed to provide EMT advanced level care. Ambulance services in Wisconsin are volunteer, private, fire-based, or hospital-based. This program is nationally accredited through the Committee on Accreditation of Educational Programs for EMS Professionals under the auspices of the Commission on Accreditation of Allied Health Education Programs.

TOTAL CREDITS: 4

MEDIAN STARTING SALARY: \$39,000*

 **TECHNICAL DIPLOMA**

CRIMINAL JUSTICE 720 LAW ENFORCEMENT ACADEMY

Program Code: 305042

Students learn the skills of modern-day law enforcement in this full-time, 18-week program designed to produce thoroughly competent and confident officers. Graduates of this program begin their careers with an unparalleled level of professionalism through a learner-centered approach via application of scenario-based training. Your career opportunities include police officer, deputy sheriff, DNR officer, state trooper, military law enforcement officer, and private investigator. This 720-hour program is designed for individuals with 60 college credits at an associate degree level or higher, or current employment with a sponsoring law enforcement agency. This program meets criteria set by the Wisconsin Department of Justice, Training and Standards Bureau.

TOTAL CREDITS: 21

MEDIAN STARTING SALARY: \$31,281*

 TECHNICAL DIPLOMA

EMERGENCY MEDICAL TECHNICIAN

Program Code: 305313

Emergency Medical Technician (EMT) students perform emergency patient care and basic life support skills in compliance with the Wisconsin scope of practice including the transport of injured and ill patients to hospital emergency departments. Graduates with an EMT technical diploma will have the potential for employment as an Emergency Medical Technician. Ambulance services in Wisconsin are volunteer, private, fire-based, or hospital-based. This program is nationally accredited through the committee on accreditation of educational programs for EMS professionals under the auspices of the Commission on Accreditation of Allied Health Education programs. Successful completion of the EMT program prepares graduates for the National Registry certification exam and entrance into the Paramedic program.

TOTAL CREDITS: 5

MEDIAN STARTING SALARY: \$51,518*


 TECHNICAL DIPLOMA

FIRE SCIENCE

Program Code: 305318

Prepare for your future in firefighting with this two-semester program. You will learn basic fire behavior, techniques used to control structural and related fire emergencies, and life safety practices. Program grads will be prepared for paid on-call/volunteer firefighting positions. Career firefighters will need licensure in Wisconsin-approved Emergency Medical Technician and Paramedic programs.

TOTAL CREDITS: 20

 Some credits from this program apply toward the Fire Medic (105312) associate degree.

MEDIAN STARTING SALARY: \$27,300*

[new]


 TECHNICAL DIPLOMA

PARALEGAL POST BACCALAUREATE

Program Code: 311101

A paralegal or legal assistant is employed or retained by a lawyer, law office, corporation, governmental agency, or other entity to perform specifically designated substantive legal work for which a lawyer is responsible. Paralegals are not authorized to practice law.

TOTAL CREDITS: 28

 Bachelor's degree graduates can continue their path with this technical diploma.


 TECHNICAL DIPLOMA

PARAMEDIC

Program Code: 315311

Paramedic graduates are prepared to perform emergency patient care and advanced life support in the pre-hospital setting, transporting injured and ill patients to hospital emergency departments. Graduates of this program will have the potential for employment on board paramedic-level ambulance services in the public (fire department-based) or private sector or in hospital emergency departments as emergency technicians. This program is nationally accredited through the Committee on Accreditation of Educational Programs for EMS Professionals under the auspices of the Commission on Accreditation of Allied Health Education Programs.

TOTAL CREDITS: 39

 All credits from this program apply toward the Fire Medic (105312) associate degree.

Some credits in this technical diploma apply toward the Nursing-associate degree (105431).

MEDIAN STARTING SALARY: \$35,221*

Start here.
GO ANYWHERE.



EMERGENCY DISPATCH

Program Code: 905048

Students will learn the basic tools, technology and protocols involved in emergency dispatching. This certificate will involve both lecture and hands on exercises to familiarize the student with the skills necessary to succeed in the field. Professional dispatchers assist students in learning the competencies required to complete the course. Upon completion, students are eligible to take the National Emergency Dispatching exam and attain certification by the National Academies of Emergency Dispatch.



All credits from this certificate apply toward the Criminal Justice Professional Studies (105045) associate degree.

TOTAL CREDITS:

6

JAIL OFFICER ACADEMY

Program Code: 615042

This four-week certificate is designed for individuals seeking certifiability as a jail officer in the state of Wisconsin. Recruits will experience training and scenarios applicable to the correctional environment. These courses meet the requirements for county jail/correctional officer certification set by the Wisconsin Department of Justice.



Some credits from this certificate apply toward the Criminal Justice Professional Studies (105045) associate degree.

TOTAL CREDITS:

6

JAIL AND JUVENILE OFFICER ACADEMY

Program Code: 9050412

Students will participate in training and simulation designed to prepare for careers in Wisconsin's jails and co-located secure detention facilities. These courses meet the requirements for county jail/correctional & juvenile detention officer certifications set by the Wisconsin Department of Justice.

TOTAL CREDITS:

7

LAW OFFICE ADMINISTRATOR

Program Code: 611101

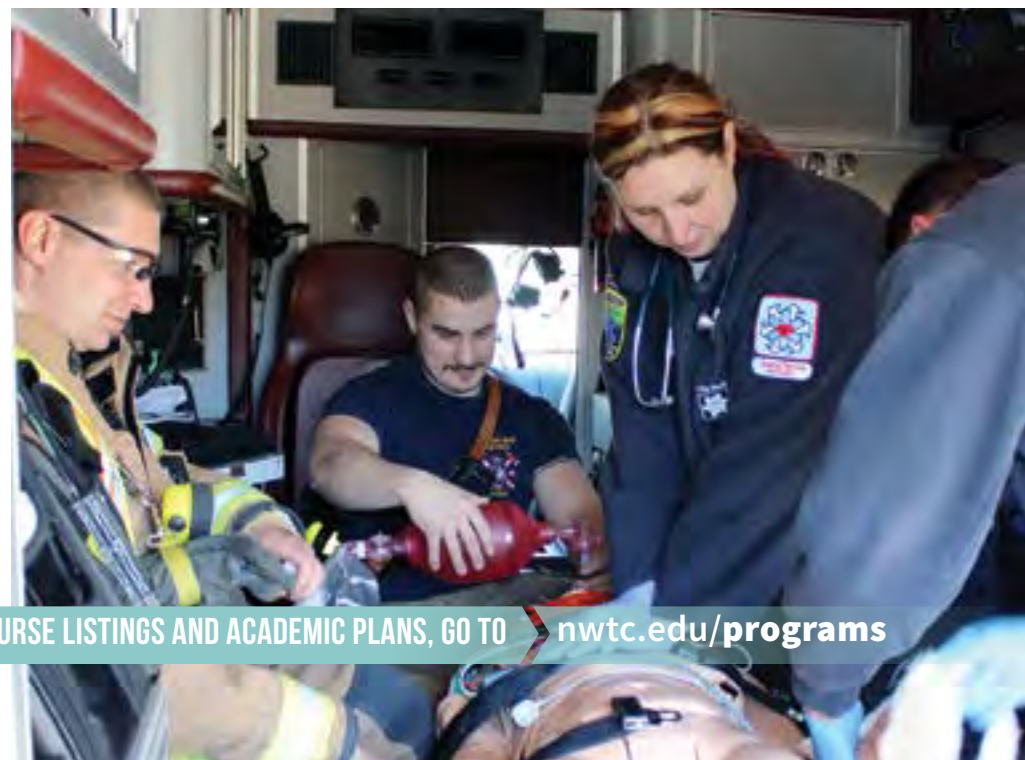
A law office administrator is a person qualified by education, training or work experience who is employed or retained by a lawyer, law office, corporation, governmental agency, or other entity who is responsible for law office management, communications process, supervising paralegals, law office billing and law library management. Law office administrators are not authorized to practice law.

TOTAL CREDITS:

12



All credits from this certificate apply toward the Paralegal (101101) associate degree.





MANUFACTURING



NWTC PATHWAY PROGRAMS



AUTOMATION ENGINEERING TECHNOLOGY — 106641

2+ 2+2 AGREEMENT WITH A 4-YEAR UNIVERSITY



CNC TECHNICIAN (2 YEAR)— 324441



MACHINE TOOL OPERATION— 314201

CB AVAILABLE AS A CAREER PATHWAY BRIDGE



ELECTRO-MECHANICAL TECHNOLOGY — 106201

2+ 2+2 AGREEMENT WITH A 4-YEAR UNIVERSITY



WELDING — 314421

CB AVAILABLE AS A CAREER PATHWAY BRIDGE



ASSOCIATE DEGREE

Automation Engineering Technology
Biomedical Electronics **[new]**
Electro-Mechanical Technology
Manufacturing Engineering Technology
Manufacturing Operations Management
Prototype and Design
Supply Chain Management



CERTIFICATE

Industrial Maintenance
Intro to MIG Welding
Mold and Stamping
Die Design
Parametric Modeling
Plant Engineer
Mechanical
Maintenance
Power Generator
Weld Inspection



TECHNICAL DIPLOMA

Industrial Maintenance Mechanic
Machine Tool - CNC Technician
Machine Tool Operation
Welding



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PROGRAM TO PROGRAM BRIDGE PATHWAYS allow you to apply credit from your prior education and job experience to a related program.

 **ASSOCIATE DEGREE**

AUTOMATION ENGINEERING TECHNOLOGY

Program Code: 106641

As a graduate of the Automaton Engineering Technology program, you'll be ready to work with integrated machine systems that involve industrial automation, robotics, mechanics, computers, industrial communications and/or electronics technology. Your potential career opportunities include controls designer, automation technician, controls technician, engineering technician, controls engineer in training, and automation engineer in training.

TOTAL CREDITS: 63



Ask your advisor about 2+2 transfer opportunities.

MEDIAN STARTING SALARY: \$48,000*



 **ASSOCIATE DEGREE**

BIOMEDICAL ELECTRONICS

Program Code: 106056

The Biomedical Electronics associate degree prepares learners for a career as a technician in medical facilities or medical equipment manufacturing firms. Program graduates may begin careers as electronic technicians in development, maintenance, testing, and field service.

TOTAL CREDITS: 62

MEDIAN STARTING SALARY: \$33,500*

 **ASSOCIATE DEGREE**

ELECTRO-MECHANICAL TECHNOLOGY

Program Code: 106201

Electro-mechanical technicians maintain and repair electro-mechanical equipment including drive systems, position sensors, cabling, and automatic production equipment; work with mechanical and/or electrical engineers to install and evaluate electro-mechanical systems; and build mock-ups of production equipment. As a graduate of the two-year Electro-Mechanical Technology associate degree, you're prepared for the electro-mechanical technician career as well as a number of other related professions - automated equipment technician, electronics technician, field service technician, fluid power technician, and installation technician.

TOTAL CREDITS: 66



Ask your advisor about 2+2 transfer opportunities.

MEDIAN STARTING SALARY: \$43,781*

 **APPRENTICESHIPS**

An apprenticeship is an earn-while-you-learn program of on-the job training combined with related classroom instruction.

SEE AVAILABLE APPRENTICESHIPS AT nwtc.edu/apprenticeship

 **ASSOCIATE DEGREE**

MANUFACTURING ENGINEERING TECHNOLOGY

Program Code: 106233

Find the program description within the Science, Technology, Engineering and Mathematics cluster, page 73.

 **ASSOCIATE DEGREE**

MANUFACTURING OPERATIONS MANAGEMENT

Program Code: 101965

Find the program description within the Business cluster, page 31.

 **ASSOCIATE DEGREE**

PROTOTYPE AND DESIGN

Program Code: 106142

Find the program description within the Architecture and Construction cluster, page 24.

 **ASSOCIATE DEGREE**

SUPPLY CHAIN MANAGEMENT

Program Code: 101821

Find the program description within the Business cluster, page 31.

[2 Year]  **TECHNICAL DIPLOMA**

MACHINE TOOL - CNC TECHNICIAN

Program Code: 324441

As a computer numerical control technician/programmer operator, you play an important role in today's modern manufacturing environments. You set up and operate computer numerical controlled machine tools, working from blueprints and set-up sheets. You set up fixturing and tooling, produce and inspect parts, and edit CNC programs on CNC lathes and machining centers. As a graduate of the Machine Tool-CNC Technician program, you're also prepared for a career as a jig and fixture apprentice/trainee, or a manufacturing engineering technician. With additional education and/or work experience, you may become a journey level machinist, pattern maker, mold maker, tool and die maker, CNC programmer, or machine shop foreperson/supervisor.

TOTAL CREDITS: 69



All credits from the Machine Tool Operation (314201) technical diploma apply toward this two-year technical diploma.

MEDIAN STARTING SALARY: \$38,019*

[1 Year]  **TECHNICAL DIPLOMA**

MACHINE TOOL OPERATION

Program Code: 314201

In the one-year Machine Tool Operation program, you learn to operate machine tools such as engine lathes, milling machines, drill presses, and computer numerical controlled machines. Upon graduation, you have the skills needed to become a CNC operator, machine set-up operator, machine tool operator, machinist, and maintenance mechanic. You may also choose to further your career options by continuing with the second-year of the Machine Tool CNC Technician program.

TOTAL CREDITS: 35



All credits from this one-year technical diploma apply toward the Machine Tool Operation (314201) two-year technical diploma.

Career Pathway Bridge available for students needing additional support to meet program entry requirements.

MEDIAN STARTING SALARY: \$34,317*

 **TECHNICAL DIPLOMA**

WELDING

Program Code: 314421

As a Welding graduate, you can build and repair metal components using major welding processes used by industry. You have knowledge of blueprints, metallurgy and layout, and can weld to AWS and ASME codes. Typical careers include maintenance welders, qualified welders, structural welders, welder/fabricators and pipe welders. Other career opportunities include construction trades welder, ironworker trades welder, millwright, sheet metal trades welder, and pipe trades welder.

TOTAL CREDITS: 36



Career Pathway Bridge available for students needing additional support to meet program entry requirements.

MEDIAN STARTING SALARY: \$33,277*



INTRO TO MIG WELDING

Program Code: 904426

The Intro to MIG Welding Certificate prepares students for an entry level welding position for a company that uses the Gas Metal Arc Welding process.

TOTAL CREDITS: 8

MOLD AND STAMPING DIE DESIGN

Program Code: 904204

The Mold and Stamping Die Design certificate is an advanced certificate for CNC Technician program students interested in acquiring mold and stamping die design skills.

TOTAL CREDITS: 4

PARAMETRIC MODELING

Program Code: 906062

The Parametric Modeling Certificate introduces the student to 3D parametric modeling using SolidWorks software and Autodesk Inventor. Topics covered include extruded, revolved, swept and lofted features, fully dimensioned orthographic drawings of models, special drawing views, surfacing and Autodesk Inventor.

TOTAL CREDITS: 9

PLANT ENGINEER MECHANICAL MAINTENANCE

Program Code: 904231

The Plant Engineer Mechanical Maintenance Certificate is designed for the person seeking an entry-level position in an industrial environment or additional training in an existing mechanical maintenance position. This certificate is offered at the Marinette campus only. For more information please contact the Marinette Campus at (715) 732-3870 or (800) 422-NWTC, extension 3870.

TOTAL CREDITS: 8.4

POWER GENERATOR

Program Code: 904121

The Power Generator Certificate is designed for Diesel program students who wish to enhance their degree in specialty areas of servicing and repairing power generators.

TOTAL CREDITS: 5

WELD INSPECTION

Program Code: 904425

The Weld Inspection Certificate prepares students to understand destructive and nondestructive methods used to inspect weldments as determined by required code.

TOTAL CREDITS: 5





SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS



NWTC PATHWAY PROGRAMS



**CIVIL ENGINEERING
TECHNOLOGY—** 106233



**2+2 AGREEMENT WITH A
4-YEAR UNIVERSITY**



**ELECTRICAL ENGINEERING
TECHNOLOGY—** 106621



**2+2 AGREEMENT WITH A
4-YEAR UNIVERSITY**



**MANUFACTURING ENGINEERING
TECHNOLOGY—** 106233



**2+2 AGREEMENT WITH A
4-YEAR UNIVERSITY**



**MECHANICAL DESIGN
TECHNOLOGY—** 106061



**2+2 AGREEMENT WITH A
4-YEAR UNIVERSITY**



ASSOCIATE DEGREE

- Biomedical Electronics **[new]**
- Civil Engineering Technology
- Electrical Engineering Technology
- Fire Protection Engineering Technology
- Laboratory Science Technology **[new]**
- Manufacturing Engineering Technology
- Mechanical Design Technology
- Nuclear Technology
- Prototype and Design
- Utilities Engineering Technology



CERTIFICATE

- CAD (Computer Aided Drafting)



NWTC PATHWAYS are designed to give students a clear path to industry-recognized skills and market-approved job opportunities. No matter where you are on your career path, you can be confident you won't lose your progress. For example, you may find courses from a certificate or technical diploma existing fully within an associate degree. Every credential leads to higher earning potential! Visit nwtc.edu for the most current Pathways updates. Other examples of NWTC Pathways include:



THE HIGH SCHOOL, OR TECH NOW, PATHWAY allows junior and senior high school students to apply dual credits to college-level credentials. Check with your school counselor for availability.



CAREER PATHWAY BRIDGES are available for students who did not meet program entry scores, ELL students, or students in need of a high school diploma or GED. Gain additional language and/or basic academic skills while working to complete a certificate and/or diploma.



THE 2+2 ARTICULATION AGREEMENT PATHWAY allows you to transfer all of your NWTC credits to specific four-year university partners. Students who transfer will have completed two of the four years required in the four-year degree.



PROGRAM TO PROGRAM BRIDGE PATHWAYS allow you to apply credit from your prior education and job experience to a related program.

[new]

 ASSOCIATE DEGREE

BIOMEDICAL ELECTRONICS

Program Code: 106056

Find the program description within the Manufacturing cluster, page 69.

 ASSOCIATE DEGREE

FIRE PROTECTION ENGINEERING TECHNOLOGY

Program Code: 105033

Find the program description within the Law, Safety and Security cluster, page 65.

 ASSOCIATE DEGREE

CIVIL ENGINEERING TECHNOLOGY

Program Code: 106071

Civil Engineering Technology graduates are prepared for careers in the civil engineering and surveying fields. As a civil engineering technician, you examine and interpret prints and specifications; confer with contractors and owners to enforce contract specifications, building codes, and zoning ordinances; test soils, asphalt, and concrete and observe and inspect other related construction activities; perform land surveying and computer aided drafting; and observe building, highway and utility construction. With additional education and work experience, you can become a professional licensed civil engineering, construction superintendent, building inspector, civil designer, construction projects manager, or professional land surveyor. This program is accredited by the Engineering Technology Accreditation Commission of ABET.

TOTAL CREDITS: 69



Ask your advisor about 2+2 transfer opportunities.

MEDIAN STARTING SALARY: \$47,518*

 ASSOCIATE DEGREE

ELECTRICAL ENGINEERING TECHNOLOGY

Program Code: 106621

Acquire skills in testing, maintaining, and troubleshooting electrical and electronic devices found in machinery, computers, and communication. Typical careers include electrical/electronic development technician, electrical/electronic maintenance technician, electrical test technician, electrical/electronics technician, and field service technician. Continue your path by pursuing a four-year degree. The EET program consists of two tracks: a transfer track and a general track - the transfer track graduate can transfer to a four-year bachelor's degree program in electrical engineering technology.

TOTAL CREDITS: 17



Ask your advisor about 2+2 transfer opportunities.

MEDIAN STARTING SALARY: \$43,000*

[new]

 ASSOCIATE DEGREE

LABORATORY SCIENCE TECHNOLOGY

Program Code: 105065

Are you ready for a fast-paced, hands-on career that will maximize your analytical skills and challenge you every day? The Laboratory Science Technology Associate of Applied Sciences Degree program blends key theoretical concepts with practical laboratory skills needed for success in a broad range of science careers, including biological, chemical, and environmental industries as well as academic research laboratories. This program has been designed not only to prepare you for immediate employment, but also to transfer smoothly to local universities, allowing you to start your science education at NWTC and continue toward a bachelor's degree and beyond. Courses will focus on experimental design, application of scientific principles in analysis of results, accurate documentation processes, fundamentals of quality measurement, and use of industry-standard instrumentation and protocols.

TOTAL CREDITS: 67

MEDIAN STARTING SALARY: \$32,000*

 ASSOCIATE DEGREE

MANUFACTURING ENGINEERING TECHNOLOGY

Program Code: 106233

A skilled workforce is needed in the manufacturing/production operations and/or manufacturing/production services for the design and development of new products, production systems, processes, operations, services, quality control, continuous improvement, lean principles, manufacturing competitiveness, and sustainability. As a Manufacturing Engineering Technology associate degree graduate, you're prepared for a career as a technologist to apply the fundamentals of materials selection, tooling, assembly and automation to the solution of manufacturing and production related activities. This unique program transfers into the University of Wisconsin-Stout's bachelor of science degree in Manufacturing Engineering offered entirely in Green Bay at the NWTC campus.

TOTAL CREDITS: 69



Ask your advisor about 2+2 transfer opportunities.

MEDIAN STARTING SALARY: \$39,000*

 **ASSOCIATE DEGREE**

MECHANICAL DESIGN TECHNOLOGY

Program Code: 106061

Mechanical design technicians apply knowledge of mechanical engineering technology to design, develop, and test new or revised machinery. Working primarily on a computer utilizing 2D drafting or 3D modeling programs, you assist product engineers by detailing sections of machine designs. As a graduate of the Mechanical Design Technology program, you're also equipped for such careers as detailer and mechanical drafter. With additional education and/or work experience, you may also become a product designer, lead designer, project engineer, or technical sales/service representative.



TOTAL CREDITS: 69
 Ask your advisor about 4-year university all-credit transfer opportunities.

MEDIAN STARTING SALARY: \$45,000*

 **ASSOCIATE DEGREE**

NUCLEAR TECHNOLOGY

Program Code: 106241

The increasing use of radiation and radioactive materials in today's world has created a demand for nuclear technicians. This demand is expected to remain high for years to come. The Nuclear Technology program offers students a unique opportunity to obtain the specialized training in demand by businesses and organizations licensed to utilize radioactive materials. It is also an excellent springboard for a four-year degree in the high-demand fields of health physics, radiation safety and nuclear engineering. Nuclear technicians have a variety of career opportunities at businesses such as nuclear power facilities, radioactive waste handling facilities, radiopharmaceutical companies, universities and national laboratories, medical facilities, U. S. Department of Energy sites, hospitals, or emergency management organizations.

Nuclear Technology is a shared program between Lakeshore Technical College (LTC) and NWTC. Classes are offered in a traditional classroom setting using interactive television methods to link the two technical colleges. For flexibility, some classes may be taken in an online format through LTC.

- A Lakeshore Technical College program offered at Northeast Wisconsin Technical College. For information call toll-free: (888) 385-6982

TOTAL CREDITS: 71

MEDIAN STARTING SALARY: \$33,000*

 **ASSOCIATE DEGREE**

PROTOTYPE AND DESIGN

Program Code: 106142

Find the program description within the Architecture and Construction cluster, page 24.

 **ASSOCIATE DEGREE**

UTILITIES ENGINEERING TECHNOLOGY

Program Code: 104681

As a graduate of the Utilities Engineering Technology associate degree program, you're prepared for careers in the utility industry, from power generation through transmission and distribution. Technicians in this field work on the equipment and systems that keep energy flowing safely and reliably from source to use. Typical careers include relay technologist, systems control and relay technician, substation technician, distribution systems designer, and power plant instrument technician.

TOTAL CREDITS: 68

MEDIAN STARTING SALARY: \$52,000*

 **CERTIFICATE**

CAD (COMPUTER AIDED DRAFTING)

Program Code: 906061

The CAD Certificate is designed for a person seeking introductory Auto CAD and Mechanical Design skills. The certificate comprises 13 credits that may be applied toward the Mechanical Design Technology program.

TOTAL CREDITS: 13





TRANSPORTATION, DISTRIBUTION, AND LOGISTICS



NWTC PATHWAY PROGRAMS



AUTOMOTIVE TECHNOLOGY —
106023



**AUTOMOTIVE TECHNICIAN (2
YEAR)—** 324042



**AUTOMOTIVE MAINTENANCE
TECHNICIAN (1 YEAR)—** 314043



**AUTO COLLISION REPAIR &
REFINISHING TECHNOLOGY —**
104051



**AUTO COLLISION REPAIR &
REFINISHING TECHNICIAN (2
YEAR)—** 324051



**DIESEL EQUIPMENT
TECHNOLOGY —** 104121



**DIESEL & HEAVY EQUIPMENT
TECHNICIAN (2 YEAR)—** 324121



ASSOCIATE DEGREE

Auto Collision Repair and Refinishing Technology
Automotive Technology
Diesel Equipment Technology
Supply Chain Management



TECHNICAL DIPLOMA

Auto Collision Repair and Refinishing Technician
Automotive Maintenance Technician
Automotive Technician
Diesel and Heavy Equipment Technician



CERTIFICATE

Power Generator
Service Writer



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PROGRAM TO PROGRAM BRIDGE PATHWAYS allow you to apply credit from your prior education and job experience to a related program.

 **ASSOCIATE DEGREE**

AUTOMOTIVE TECHNOLOGY

Program Code: 106023

Highly skilled automotive technicians and specialists are needed to keep pace with the increasingly complex vehicles being manufactured for today's consumer. In the Automotive Technology program, you'll learn to diagnose and service automobiles under conditions similar to an actual repair facility. Plus, you'll develop repair facility management skills to increase your employment potential. Career opportunities for you include automotive service technician, shop foreman, parts manager, warranty claims person, repair facility owner/operator, plus all of the career opportunities offered by the Automotive Technician program. This two-year program is ASE Certified to National Automotive Technicians Education Foundation Standards.

TOTAL CREDITS: 71



All credits from the Automotive Technician (324042) technical diploma and some credits from the Automotive Maintenance Technician (314043) associate degree apply to this program.

MEDIAN STARTING SALARY: \$28,598*

 **ASSOCIATE DEGREE**

DIESEL EQUIPMENT TECHNOLOGY

Program Code: 104121

Highly skilled technicians are needed to diagnose, service, and repair a variety of heavy equipment such as over-the-road trucks, off-the-road construction equipment, agricultural equipment, and potentially stationary power supply engines. As a graduate of the Diesel Equipment Technology associate degree program, you'll not only gain such high-tech skills and hands-on experience, you'll be prepared for management, ownership, supervisory level positions, and advanced educational options. Career opportunities include diesel and heavy equipment technician, related specialist technician, related parts support manager, industry related service manager/supervisor, industry related sales representative, business owner, and educational trainer. This program is ASE Certified to NATEF Standards and is an Associated Equipment Dealers Certified program.

TOTAL CREDITS: 69



Some credits from the Diesel and Heavy Equipment Technician (324121) technical diploma apply toward this associate degree.

MEDIAN STARTING SALARY: \$36,891*

 **ASSOCIATE DEGREE**

AUTO COLLISION REPAIR AND REFINISHING TECHNOLOGY

Program Code: 104051

Graduates of this program gain all of the technical training and career potential offered by the Auto Collision Repair and Refinishing Technician technical diploma program - plus the opportunity to pursue a supervisory or management career in the collision repair industry. Typical careers include insurance adjuster/appraiser, collision center owner, collision center manager and manufacturer's representative. As a program graduate, you may also transfer credit to a four-year college to further your career options. This program is ASE Certified to National Automotive Technicians Education Foundation Standards.

TOTAL CREDITS: 18



Some credits from the Auto Collision Repair and Refinishing Technician (324051) technical diploma apply toward this associate degree.

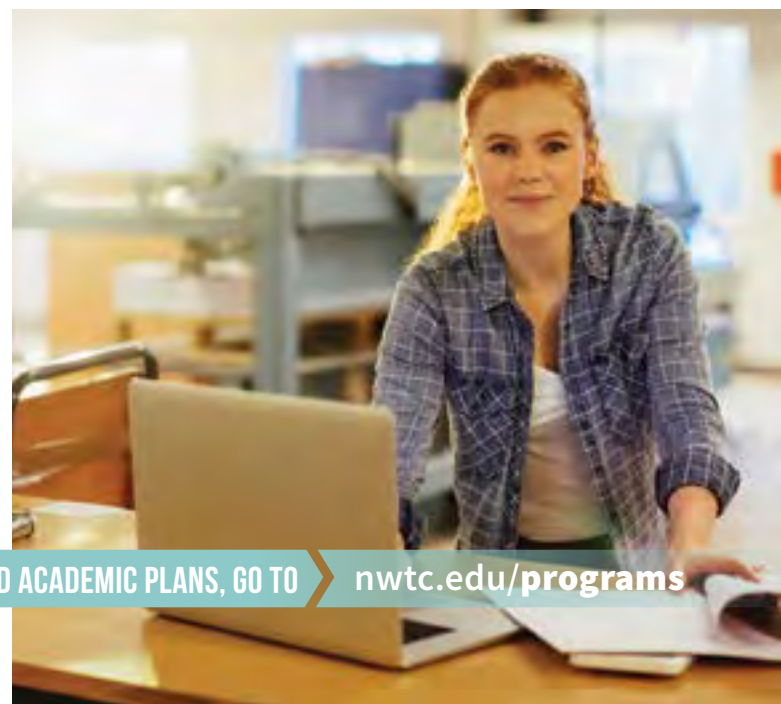
MEDIAN STARTING SALARY: \$42,000*

 **ASSOCIATE DEGREE**

SUPPLY CHAIN MANAGEMENT

Program Code: 101821

Find the program description within the Business cluster, page 31.



FOR FULL COURSE LISTINGS AND ACADEMIC PLANS, GO TO nwtc.edu/programs

[2 Year]


 TECHNICAL DIPLOMA

AUTO COLLISION REPAIR AND REFINISHING TECHNICIAN

Program Code: 324051

This program prepares students to repair and refinish damaged bodies and parts of automobiles and light trucks. Emphasis is on technical training for repairing and replacing vehicle panels and automotive glass; analyzing and straightening frame and unibody damage; welding, diagnosing electronics; repairing plastics and composite materials; and refinishing. Typical careers include auto collision repair technician, auto collision refinishing technician, frame and alignment technician, unibody repair specialist, and trim and glass installer. This program is ASE Certified to National Automotive Technicians Education Foundation Standards.

TOTAL CREDITS: 13

 Some credits from this technical diploma apply toward the Auto Collision Repair and Refinishing Technology (104051) associate degree.

MEDIAN STARTING SALARY: \$29,898*

[1 Year]


 TECHNICAL DIPLOMA

AUTOMOTIVE MAINTENANCE TECHNICIAN

Program Code: 314043

As an automotive maintenance technician, you'll diagnose vehicle malfunctions, perform basic appropriate repairs, and recommend/conduct regular vehicle maintenance. With additional coursework, graduates of this technical diploma can ladder into a two-year technical diploma or associate degree in the automotive field. This one-year, technical diploma program is ASE Certified to National Automotive Technicians Education Foundation Standards and is offered on our Marinette campus.

TOTAL CREDITS: 32

 Some credits from this program apply toward the Automotive Technician (324042) technical diploma and Automotive Technology (106023) associate degree.

MEDIAN STARTING SALARY: \$24,300*

SERVICE WRITER

Program Code: 906021

The Service Writer Certificate is designed for people who are interested in working as a service writer in a new or used car dealership, truck dealership or an independent vehicle repair shop.

TOTAL CREDITS: 5


 TECHNICAL DIPLOMA

AUTOMOTIVE TECHNICIAN

Program Code: 324042

As an automotive service technician, you'll diagnose vehicle malfunctions, perform appropriate repairs, and recommend/conduct regular vehicle maintenance. Additional career opportunities include automotive electronics specialist; brake specialist; steering, suspension, and alignment specialist; transmission and drive train specialist; engine performance specialist; heating and air conditioning specialist; and engine repair specialist. This two-year program is ASE Certified to National Automotive Technicians Education Foundation Standards.

TOTAL CREDITS: 60

 All credits from this technical diploma apply toward the Automotive Technology (106023) associate degree and some credits from the Automotive Maintenance Technician (314043) technical diploma apply to this program.

MEDIAN STARTING SALARY: \$29,898*

[2 Year]


 TECHNICAL DIPLOMA

DIESEL AND HEAVY EQUIPMENT TECHNICIAN

Program Code: 324121

Graduates of this technical diploma program are equipped to diagnose, service, and repair a variety of diesel powered equipment. Typical careers include construction equipment technician, engine technician, farm equipment technician, fuel injection technician, service technician, and truck driver/diesel technician. This program is ASE Certified to NATEF Standards and is an Associated Equipment Dealers Certified program.

TOTAL CREDITS: 66

 Some credits from this program apply toward the Diesel Equipment Technology (104121) associate degree.

MEDIAN STARTING SALARY: \$36,891*

 CERTIFICATE

POWER GENERATOR

Program Code: 904121

The Power Generator certificate is designed for Diesel program students who wish to enhance their degree in specialty areas of servicing and repairing power generators.

TOTAL CREDITS: 5

READY TO START?

APPLY NOW!

ASSESSMENT FOR PROGRAMS AND GENERAL STUDIES

To help students succeed, NWTC requires a placement assessment for everyone who applies to a program or registers for a General Studies course.

- The Accuplacer assessment finds each student's reading, writing, and math levels. (TABE, ACT, Asset, or Compass scores can also be used.)
- This allows students to brush up on needed skills and to start class well prepared.
- Students may register for General Studies classes only after they reach the required skill level.
- **COMING SOON:** Compass 5.0

TAKING THE ASSESSMENT:

WHERE: All NWTC campuses and regional learning centers offer the Accuplacer.

HOW: Call 888-385-6982 to register for the Accuplacer.

BRING: Photo ID and test fee.

WHAT IF THE ASSESSMENT SAYS I'M NOT READY?

You may immediately use NWTC's refresher and skill development resources.

CAN I SKIP THE ASSESSMENT AND REGISTER ANYWAY?

No, but we'll help you prepare so you'll succeed on the test and in class!



IT PAYS TO APPLY EARLY:

- Apply to NWTC a year before you want to start (or as early as possible).
- Apply for financial aid in the January before you want to start (or as early as possible).
- The earlier you are accepted, the earlier your financial aid is processed and the more likely you are to get your full financial aid reward.

Students are admitted on a first-come, first-served basis.

A one-time, life-time \$30 application fee is required from all first-time applicants.



GETTING STARTED SESSIONS

These free sessions are for anyone interested in pursuing a technical diploma or associate degree program. You'll learn about the admissions process, pre-program requirements, program requirements, and financial aid.

LEARN MORE: nwtc.edu/GettingStarted

FOR FULL COURSE LISTINGS AND ACADEMIC PLANS, GO TO nwtc.edu/programs

Alphabetical Listing of 2016-2017 Degrees and Diplomas

Accounting	29	Diagnostic Medical Sonography.....	46	Masonry [new]	26
Accounting Assistant.....	32	Diesel and Heavy Equipment Technician	77	Mechanical Design Technology	74
Administrative Professional	29	Diesel Equipment Technology.....	76	Medical Assistant.....	49
Advanced EMT (AEMT)	65	Digital Marketing	32	Medical Coding Specialist.....	49
Architectural Technology	23	Digital Media Technology.....	38	Medical Laboratory Technician	47
Autism Technician [new]	54	Early Childhood Education	53	Microsoft System Administrator.....	61
Auto Collision Repair and Refinishing Technician	77	Electrical Engineering Technology	73	Network Specialist—IT.....	59
Auto Collision Repair and Refinishing Technology.....	76	Electrical Power Distribution	25, 42	Nuclear Technology.....	41, 74
Automotive Maintenance Technician	77	Electricity	25	Nursing Assistant.....	49
Automotive Technician	77	Electro-Mechanical Technology.....	69	Nursing—Associate Degree	47
Automotive Technology.....	76	Emergency Medical Technician.....	66	Office Professional	33
Automation Engineering Technology	69	Energy Management Technology.....	24, 41	Ophthalmic Medical Assistant.....	50
Biomedical Electronics [new]	69	Environmental Engineering— Waste & Water Technology	19	Paraeducator [new]	54
Broadcast Captioning	30	Farm Business and Production Management..	20	Paralegal	65
Business Analyst.....	59	Fire Medic	64	Paralegal Post Baccalaureate [new]	66
Business Management	29	Fire Protection Engineering Technology	65	Paramedic.....	50, 66
Business Management—Advertising and Promotions Management	29	Fire Science	66	Pharmacy Technician	50
Business Management—Entrepreneurship.....	29	Foundations of Teacher Education	53	Photography	38
Business Management— Global Supply Chain Management.....	29	Gas Utility Construction and Service.....	25, 42	Physical Therapist Assistant.....	47
Business Management— Hotel & Restaurant Management.....	29	General Studies Transfer Certificate— UW Green Bay	43	Practical Nursing	50
Carpentry	25	General Studies Transfer Certificate— UW Oshkosh	43	Print Technology	38
Certified Medication Assistant	48	Gerontology	46	Professional Sales	33
Cisco System Administrator	60	Health Care Business Services	30	Prototype and Design.....	24
Civil Engineering Technology	73	Health Information Technology	46	Radiography.....	47
Computer Support Specialist—IT	59	Heating, Ventilation, Air Conditioning and Refrigeration Technology	24	Respiratory Therapist	48
Computer Support Technician—IT	60	Hospitality Management	33	Software Developer.....	59
Construction Management— Carpentry [new]	23	Human Resources	30	Solar Energy Technology	24, 41
Construction Management— Electricity [new]	23	Human Services [new]	53	Supply Chain Management	31
Construction Management— Masonry [new]	23	Individualized Technical Studies.....	54	Substance Abuse Counselor Education [new]	55
Court Reporting.....	64	Individualized Technical Studies— Journeyworker	54	Surgical Technologist.....	51
Criminal Justice - Law Enforcement	64	Laboratory Science Technology [new]	73	Sustainable Food and Agriculture Systems	19
Criminal Justice 720 Law Enforcement Academy	65	Landscape Horticulture	19	Therapeutic Massage	51
Criminal Justice Professional Studies	64	Leadership Development.....	30	Utilities Engineering Technology	41, 74
Dental Assistant.....	48	Linux System Administrator	60	Vineyard Management (Viticulture).....	20
Dental Hygienist	46	Machine Tool—CNC Technician.....	70	Virtualization System Administrator	61
Design & Graphic Technology	38	Machine Tool Operation.....	70	Web Application Programming Technician	61
		Manufacturing Operations Management	31	Web Design Technician	61
		Manufacturing Engineering Technology	73	Web Development	60
		Marketing	31	Welding.....	70
				Wellness and Health Promotion.....	48
				Wind Energy Technology	20, 42
				Winemaking (Enology)	20



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Phone: 920-498-5444 or 888-385-6982

Chat: Visit www.nwtc.edu and enter "Ask NWTc" in the search box

To find NWTc locations: nwtc.edu/directions

CAMPUSES

Green Bay

P.O. Box 19042
2740 W. Mason St.
Green Bay, WI 54307-9042
920-498-5444

Marinette

1601 University Dr.
Marinette, WI 54143
715-735-9361

Sturgeon Bay

229 N. 14th Ave.
Sturgeon Bay, WI 54235
920-746-4900

REGIONAL LEARNING CENTERS

Crivitz | 715-854-3338

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Niagara | 715-251-3790

Oconto Falls | 920-848-6982

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