

2025
CAREER
EXPLORATION

MiCareerQuestTM
NORTHEAST

GUIDE

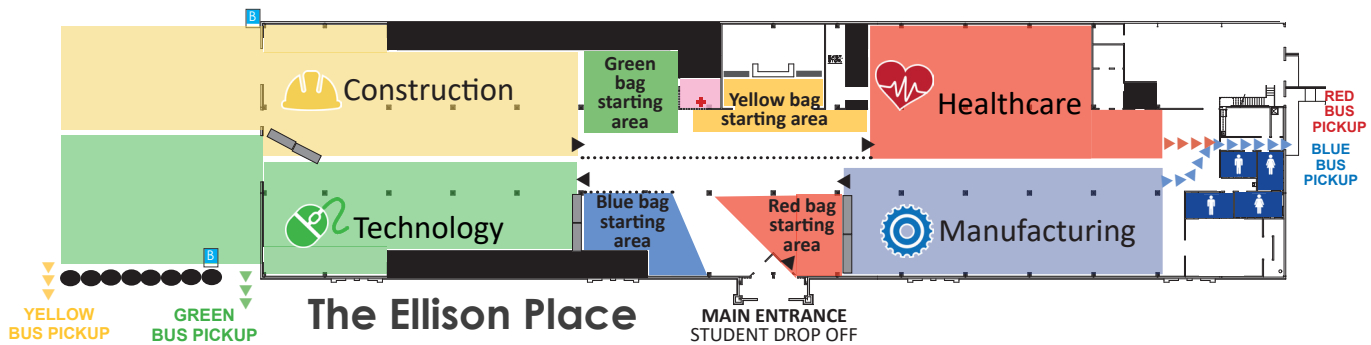


#MiCAREERQUEST

Presented by
MICHIGAN
WORKS!
NORTHEAST CONSORTIUM

An Experience to Remember

Each industry quadrant at MiCareerQuest featured a variety of rewarding careers that are currently in demand - and have an even greater demand projected in the future.



PARTICIPATING SCHOOLS

Alpena High School
Atlanta Community Schools
Cheboygan High School
Charlton Heston Academy
Fairview High School
Gaylord High & Middle Schools
Gaylord St. Mary

Grayling High School
Hillman Community Schools
Houghton Lake High School
Houghton Lake Community Ed.
Inland Lakes Schools
Joburg-Lewiston High & Middle
Mio AuSable High School

Northern Michigan Services
Ogemaw Heights High School
Posen Consolidated School
Rogers City High School
TRUTH
Vanderbilt Area School
Wolverine High School

QUICK FACTS

MiCareerQuest Northeast is the largest one-day, career exploration event for high schoolers held in our region and is modeled after similar events held across Michigan since 2015.

1,700 students from **22** schools in an 11 county region (Alcona, Alpena, Cheboygan, Crawford, Iosco, Montmorency, Ogemaw,

Oscoda, Otsego, Presque Isle, and Roscommon) attended.

80+ exhibiting organizations showcased over **130** in-demand jobs in four industry quadrants: manufacturing, construction, technology, and healthcare.

Over **65** volunteers from Michigan Works! agencies,

partner organizations, local community groups, and other groups are on-hand to make sure the event runs smoothly.

300+ working professionals participated in this event, spending months designing interactive activities designed to engage students and highlight the skills needed to succeed.

NEXT STEPS

Interested in learning more about an industry? Participate in a Talent Tour. Talent Tours are coordinated between Michigan Works!, your school, and a local employer. During a Talent Tour, you will get to tour the local business to see how they operate, what career opportunities are available, and what career paths are required to obtain these positions. See behind the scenes at a local hospital, a local manufacturer,

and more, and learn what amazing opportunities are available right in your backyard!

Interested in Manufacturing? Don't miss out on Manufacturing Day events throughout Michigan in October. October 4th is Manufacturing Day 2024 and your local Michigan Works! office will be working with local manufacturers to arrange special Manufacturing Day Talent Tours throughout October.

Consider a summer job or internship in an industry that intrigues you. Michigan Works! can help you find local opportunities, as well as help you prepare with resume assistance, interview coaching, online job search guidance, and more. Michigan Works! is now accepting applications for a free **Career Readiness & Exploration 4 Week Paid Summer Youth Pre-Employment Program**. Apply by May 31! *All MW! services are free.*

The Power of You Knowing You

Whether you've known what career you wanted since you were a kid or you are still exploring the possibilities for your future career, this section will be helpful to you. These resources will support your quest in your knowing more about you - and that knowledge is power. Power to make a career choice that will bring you success and satisfaction in your life.

What do you like to do? What are you good at? How do you get those answers to align with a great occupation?

Remember, your teachers and counselors are there to help you succeed well after MiCareerQuest is over. They can help you with subjects you might not even have thought of yet.

Your local Michigan Works! Northeast Consortium office is also a great place for job preparedness assistance and career research. They offer free workshops such as:

- Learn What Employers Expect From Employees
- Writing a Resume, Cover Letter, and References Page
- Interviewing Skills

Dig deeper and check out these other sites:

- **MyNextMove.org** - What do you want to do for a living? Search dream careers by keywords, by industry, or discover your perfect fit based on your interests.
- **Career One Stop Interest Assessment** - Go to careeronestop.org/ExploreCareers/Assessments/interests.aspx
- **16Personalities.com** - Only 10 minutes to get a "freakishly accurate" description of who you are and why you do things the way you do. Find out your personality type and explore career paths and workplace habits that fit your personality.
- **Roadmap2Opportunity.org** - Includes videos on high-wage, high-growth career fields with pathway maps to show what certificates and degrees will get you there.
- **Pathfinder.mitalent.org** - Explore careers, schools, and programs in Michigan and create a roadmap to your future.
- **MI Student Aid** - Get help with funding, tools, and resources on how to afford college in Michigan at michigan.gov/mistudentaid
- **Truity.com** - Test your career aptitude, job interests, and personality traits to find the right job for you.

Career Planning Resources Online

Apprenticeships apprenticeship.gov

Apprenticeship in Michigan
miapprenticeship.org

Construction Apprenticeships tae

Career One Stop careeronestop.org

Career Outlook Through 2030 - NE Michigan
<https://tinyurl.com/mrypcs2e>

Internships mitalent.org/internships

Michigan's Hot 50 Job Outlook Through 2032
<https://tinyurl.com/782h835d>

Michigan Labor Market Information milmi.org

Occupational Outlook Handbook
<https://www.bls.gov/ooh/>

Pure Michigan Talent Connect Career Explorer
mitalent.org/career-explorer

Occupations Showcased

(subject to change)



Manufacturing

Alpena Community College, Manufacturing, Machinist

Alro Steel, Machine Operators, Inside Sales, CAD

Ameri-Shred Corp, Manufacturing, Engineering, Sales, Project Management

Arauco, Production, Engineering

Baker College, Mechatronics Technician, Automation Engineer, Computer Science, Cyber Security

Carmeuse Lime & Stone, Electrician, Millwright, Heavy Equipment Operator

Cooper Standard, Production, Supervisor, Skilled Trades, Engineering/Quality

Employment Services, Inc., Mechanical Engineering, Welding, Sales, Machine Operation

H & H Tube, Tooling Engineer, Process Engineer, Manufacturing Operations, Tool Maker, Manufacturing Engineer

Holcim, Industrial Production, Millwright, Electrician

Industrial Arts Institute, Welder, Cutter, Solderer, Brazer, Metal Fabrication

Lake Superior State University, Robotics Engineering, Engineering

Lear, Machine Operator, Maintenance Tech, Controls Engineer, Electrician

Michigan Boating Industries Association, Marine Mechanic, Yacht Maintenance, Fiberglass Technician

Michigan Manufacturing Technology Center, Manufacturing Careers in Michigan

Marine Trades Institute & Irish Boat Shop, Marine Service Technology and Comprehensive Career Boat Building, Marine Technician

Moran Iron Works, Welding, Automation, Robotic Welding

North Central Michigan University, Mechatronics, Robotics, CNC Machining, Engineering

SunFrog, Production Workers, Fulfillment, Clerical, Account Representatives, Department Leads

Walstrom Marine Marine Technicians, Gel/Fiberglass Technicians

Wayne Wire Cloth Products Inc, Production, Tool & Die Maker, Maintenance, Engineering Support, Solder/Brazer

Weyerhaeuser, Forestry, Maintenance, Operations, Process Technician



Healthcare

Alpena Community College, Nursing Program

Baker College, Nursing Program

Catholic Human Services & Up North Prevention, Prevention Specialists, Counselors, Peer Recovery Specialists

COLA Inc., Laboratory Careers, Histology

Dynamic Physical Therapy, Physical Therapist, Occupational Therapist

East Jordan Family Health Center, Pulmonologist, Gastroenterologist, Interventional Cardiologist, Vascular Surgeon

JVHL - Joint Venture Hospital Laboratories, Medical Laboratory Scientist, Medical Laboratory Technician, Medical Laboratory Assistant

Kirtland Community College, Surgical Technology, Nursing, Medical Assistant, Cardiac Sonography, Cosmetology, Esthetician

Munson Healthcare, Northwestern Michigan College, Biomedical Engineering Technologies

MyMichigan Medical Center - Alpena, Ultrasound, Phlebotomist, Lab Technician, Physical Therapy, Occupational Therapy

Northeast Michigan Community Mental Health, Direct Care Worker, Occupational Therapist

Northwestern Michigan College, Dental Assistant, Dental Careers, Surgical Tech

Otsego County EMS Rescue Hazmat, Emergency Medicine, EMT, Paramedic, Emergency Rescue

The Brook Retirement Communities, LPN, RN, Residential Care Professional, Culinary Team

Thunder Bay Community Health Services, Medical Support Staff, Medical Assistant, CMA, RMA, LPN

Thunder Bay Fyzical Therapy, Physical Therapist, Occupational Therapist



Occupations Showcased

(subject to change)

Technology

911 Emergency Dispatch Otsego/Crawford County,
Emergency Telecommunications

ACD.net, *Network Support, Systems Administrator
Windows/Linux, Fiber Optic Construction Technician*

The Auto Diesel Institute of Michigan, *Auto & Diesel
Mechanic, Auto & Diesel Service Technician*

CCE Central Dispatch, *911 Emergency
Communications Operator*

City of Alpena, *Firefighter, Paramedic*

**Michigan Dept of Environment, Great Lakes, and
Energy,** *Environmental Quality Analyst, Geologist,
Environmental Scientist*

Great Lakes Culinary Institute, *Cook, Chef*

Great Lakes Fishery Commission, *Fishery Biologist,
Biological Technician, Scientist, Communications*

Great Lakes Maritime Academy, *Shipboard
Deck Officer, Shipboard Engineer*

Headwaters Land Conservancy, *Environmental,
Land Management, Conservancy*

Johnson Oil, *Commercial Driver,
Petroleum Delivery, Propane Technician*

Lake Superior State University, *Fish & Wildlife
Management, Natural Resources*

Michigan Army National Guard, *Skilled Trades*

**Michigan Association of Professional Court
Reporters,** *Court Reporting, Captioning*

**Michigan Department of Natural Resources
Law Enforcement Division,** *DNR Officer*

Michigan State Police & Marine Services Team,
Law Enforcement, Marine Services Team

**Michigan Dept of State Police, Forensic Science
Division,** *Forensic Scientist, Crime Scene Investigator*

Northwestern Michigan College, *Land Surveying,
Uncrewed Aerial Systems, Marine Technology,
Software Developer, Computer Infrastructure,
Cybersecurity*

Otsego County EMS Rescue Hazmat, *Emergency
Medicine, EMT, Paramedic, Emergency Rescue*

**Otsego County Fire Department & Vienna Township
Fire Department,** *Firefighting, Fire & Rescue, Fire Safety*

Road Warrior Truck Driving School, Inc.,
Commercial Truck Driver (CDL)

U.S. Coast Guard, *Coast Guard*

VanEnkevort Tug & Barge, Inc, *Deckhand,
Marine Mechanic, Mate, Captain*

Construction

Alpena Community College, *Concrete Tech,
Lineman Program, Utility Arborist*

Carmeuse Lime & Stone, *Electrician, Millwright,
Heavy Equipment Operator*

District Council 1M Painters & Allied Trades,
Painter, Drywall Finishers, Glazers

Family Plumbing & Heating, *HVAC Service & Install*

Professional Floorcovering Training, *Skilled
Floorcovering Installation*

**International Brotherhood of Electrical Workers
Local 692,** *Electrician*

Kirtland Community College, *Welding & Fabrication*

LiUNA Local 1098, *Construction Craft Laborer*

M&M Excavating, *Heavy Equipment Operator*

Mackinac Bridge Authority, *Steeplejacks,
Bridge Workers, Engineers*

Michigan Energy Workforce Development Consortium,
*Electric Lineworker, Gas Technician, Renewable
Technician, Engineer*

Michigan Association of Timbermen, *Logging,
Forestry, Forest Products*

Michigan Department of Transportation, *Engineering,
Technical and Maintenance Transportation*

Michigan Regional Council of Carpenters,
Carpenter Apprentice, Foreman, Superintendent

**North Country Heavy Equipment and Midwest
Truck Driving Schools,** *Heavy Equipment
Operation, Commercial Driver (CDL)*

Operating Engineers OE324, *Heavy Equipment
Operators, Heavy Equipment Mechanics*

Petoskey Plastics, *Production, Controls Technician*

Preston Feather, *Building Trades, Logistics*

**UA Local 85 Plumbers, Steamfitters and HVACR
Service Techs,** *Plumbers, Pipefitters/Welders,
and HVACR Service Techs*



Jumpstart Your Career at Baker College

Hands-On Learning. Real-World Skills. Big Opportunities.

A College Experience Built for the Journey Ahead.

At Baker College, we don't just teach – we prepare you for the fast-moving world with real-world education to give you the skills, experience, and connections to land your dream job in:

- Cybersecurity and IT
- Automotive/Diesel Technology
- Business and Leadership
- Culinary Art
- Healthcare and Nursing
- Psychology and Social Work

Students Choose Baker College for:

Hands-On Learning: Practice skills in modern labs and facilities, preparing you for immediate career success.

Career-Focused Programs: Industry-aligned curriculum designed to get you job-ready.

Personalized Support: Dedicated faculty and staff to help guide your path from day one to graduation.

Flexible Learning: Six campuses across Michigan and convenient online programs—education tailored for your life.

Affordable tuition and scholarship opportunities: Makes getting a college degree within reach.

Start your adventure toward a career you'll love.



**Schedule a tour
at baker.edu/visit**



**Baker
College**

Further Together®





Earn Free College Credits While In High School!*

*Must meet eligibility requirements.
Free or at a reduced rate.



Your NMC credits will transfer with you.



Enrolling for fall 2025

nmc.edu/dual-enroll



MiCareerQuest 2025

NORTHEAST

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Northeast Michigan (NEMI) Region

OUR GOLD SPONSORS



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OUR SILVER SPONSORS



ALPENA
COMMUNITY COLLEGE



Baker
College



NORTH
CENTRAL
MICHIGAN COLLEGE



Northwestern
Michigan College

Road Warrior
Truck Driving School
Gaylord, MI

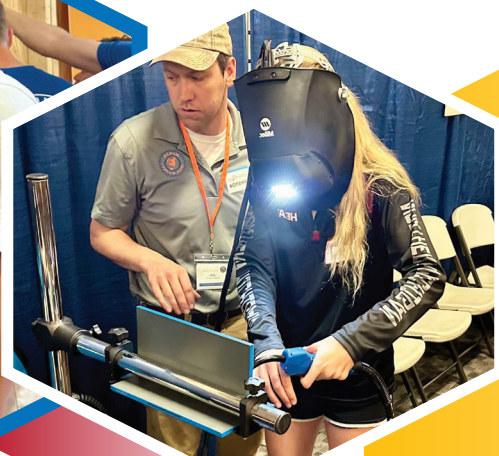


OUR BRONZE SPONSOR



MiCareerQuest is a Michigan Works! event. Michigan Works! Northeast Consortium is an equal opportunity employer/program. A proud partner of the American Job Center Network. Auxiliary aids and services are available upon request. Supported by the State of Michigan. Funded with federal funds; details available at www.miworksne.org/about.

Don't forget to take
the post-event survey
for a chance to win
an Amazon gift card!



For more information, visit
miworksne.org/MiCareerQuest