

MiCareerQuest™

Educator Info & Resource Packet

MARCH 20, 2025 | 8:30 AM - 1:45PM
DEVOS PLACE, GRAND RAPIDS



Invest in the future of West Michigan

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Preparing for MiCareerQuest

Thank you for registering your students for MiCareerQuest! Employers from key industry sectors in West Michigan have been working hard to provide students with an interactive, hands-on experience. No matter where your students are in their “quest” towards a career, this day will provide an excellent opportunity to begin or deepen their career exploration.

In our inaugural year, many educators arrived unaware of the scope and significance of this opportunity. **Our hope is that the information included in this packet will help the students and staff have a meaningful and enjoyable experience. Please take time to review all of the information.**

BEFORE THE EVENT

Student Expectations

This is an incredible opportunity for students and employers to interact in a new and creative way. Although they are not at a business or in a workplace setting, students should remember to display professional behavior and represent their school accordingly. Students should adhere to the school dress code. Please no caps/hats, t-shirts with objectionable logos/graphics.

Let students know that employers are excited to spend this time and investment to make MiCareerQuest a great event for them. It is always nice for students and staff to thank employers for their commitment so we can continue these partnerships in the future.

Lastly, resources are included in this packet to activate students’ thinking around their career development before and after the event: *MiCareerCompass* (p. 18), *Activity: Career Mapper: Ikigai* (p. 24), *Activity: Asking the Right Questions* (p. 25) and MiCareerQuest self-reflection (p. 26).

Lanyard and Name Tag Distribution

Registered school groups have received lanyards and blank name tags to distribute to students and chaperones. Extras will be available at the Information Desk the day of the event if needed. We recommend completing the name tags and giving them to students on the bus on the day of the event.

If there are significant changes to your student numbers, please email mryan@westmiworks.org or call 616-401-6930 as soon as possible.

AT THE EVENT

Bus Arrival/Check-in

Buses will line up on Scribner Avenue and wait to be directed by event staff to pull up and unload at the Monroe Avenue entrance of DeVos Place (refer to the map on p. 8). As you wait to unload, consider using the time to review with the students the purpose/goal of the event as well as how you will gather together at the end to depart. Review the exit plan printed on the backs of the student name badges.

Due to the volume of school groups attending, you are strongly encouraged to arrive 30-45 minutes before your scheduled session start time. This will allow adequate time for unloading so that students are assembled and ready to enter the exhibit space at their scheduled time. Organizers plan to adhere very closely to the schedules to keep everything moving smoothly. An earlier arrival will ensure students have adequate time with employers and educational institutions.

Upon arrival, MiCareerQuest volunteers will check you in and distribute drawstring bags to each student. No student outside bags are permitted at MiCareerQuest and any bags brought in are subject to search. It is recommended chaperones bring one bag to hold a sign.

Event Format

MiCareerQuest exhibits and activities illustrate the important relationship between postsecondary education and careers and will provide opportunities for students to engage with representatives from both. Students are encouraged to visit with community colleges, universities and other postsecondary training programs that will be located within the exhibit halls. These educational sponsors may be near entrances, exits, or exhibits they within the halls.

When you arrive, volunteer guides will welcome you into the Grand Gallery. At the sessions start time, volunteers will direct students to a specific industry's quadrant within the Exhibit Hall to begin their career quest. Student's starting location is based on the color of their lanyards. Students from the same school will all have the same color lanyard. Students rotate according to lanyard color. Please instruct your students to always wear their lanyards.

This year, the Exhibit Hall is divided into *four* major industry sectors: Advanced Manufacturing, Construction, Health Sciences, and Agribusiness with Hospitality in Agribusiness. IT is within each industry. Students will rotate through all sectors, spending approximately 23 minutes in each. **Music will be played overhead every 23 minutes indicating the students must move to the next sector.** Students will be given 3 minutes to move between sectors.

During their time in each sector, students will engage with interactive displays highlighting diverse career pathways and talk to employers about the skills and education required for success in their respective fields. We know some students (and staff!) will want to spend more time in some sectors than what is allotted. However, the goal is to provide an overview of each industry and emphasize the diversity of opportunities that exists within these key sectors of West Michigan's economy. **Please help us reinforce this goal by helping us move students according to the planned schedule.**

Social Media

We encourage staff and students to share the fun and learning while at MiCareerQuest with your social networks! We hope to see **#MiCareerQuest2025** on your social media feeds.

We invite you to share messages on your own social media to build excitement for MiCareerQuest and to widely share our promotional videos for the event. A sample post is: We are excited to be attending #MiCareerQuest2025! Students will do hands-on activities across five growing industries across West Michigan: Agribusiness, Advanced Manufacturing, Construction, Health Science, and Information Technology and learn about 293 jobs from 111 companies! Watch below:

The promotional videos are here: [15 second cell-phone video](#), [15 second horizontal](#), [30 second student-facing video](#), [60 second video](#)

Exit/Bus Pick-up

At the end of each session, volunteers will guide school groups toward their assigned exit door. The exit plan on page is also printed on the back of the students' name badges; your exit path will correspond to your lanyard color. Please instruct your students to exit quickly to avoid blocking the exit area. Additional volunteers will be waiting in the exit area outside to help direct attendees. Attendees will assemble across the river by the appropriate colored flag to ensure that the entire group is gathered before entering their waiting buses. Buses should be instructed to wait on Scribner Avenue.

To minimize any confusion at the end of your session, school staff and chaperones should clearly establish a time and meeting place for students. Please be aware that the departure process will also take between 20-30 minutes given the number of buses that will need to load.

AFTER THE EVENT

Prize Drawing

A post-event survey of students and educators will provide critical feedback to shape future MiCareerQuest events. Please provide students an opportunity to complete the electronic survey on the way back to school or when they return. To encourage more responses, students and teachers who complete a post-event survey and provide their contact information will be entered into drawings for prizes ranging in value from \$50-\$500.

You can access the surveys on the MiCareerQuest website at micareerquest.org. **Surveys must be completed by Friday, March 28.**

QUESTIONS?

Contact your local ISD Career Readiness Representative:

Allegan Area ISD

Name: Beth Johnston, Career Development Specialist

Email: beth.johnston@alleganaesa.org

Phone: 269-512-7850

Barry ISD

Name: Rich Franklin, Superintendent Barry ISD

Email: rfranklin@barryisd.org

Phone: 269-945-9545 ext. 111

Ionia ISD

Name: Ashli Jordan, Student Services / Work-Based Learning Coordinator

Email: ajordan@ioniaisd.org

Phone: 616-527-6540

Kent ISD

Name: Eric Kelliher, Career Readiness Consultant

Email: erickelliher@kentisd.org

Phone: 616-365-2350

Montcalm ISD

Name: Penny Dora, Director of Communications

Email: pdora@maisd.com

Phone: 616-225-6163

Muskegon Area ISD

Name: Stephen Pettifor, Career Specialist

Email: spettifor@muskegonisd.org

Phone: 231-767-5624

Ottawa ISD

Name: David Ladd, Career Development Facilitator

Email: dladd@oaisd.org

Phone: 231-578-3623

If your local Intermediate School District is not listed as a contact on this page, please contact the West Michigan Works! representative listed below for assistance:

Maggie Ryan, Project Manager

Phone: 616-401-6930

Checklist for Day of Event

Before School Departure

- ☐ If you have significant changes to the number of students attending, please email mryan@westmiworks.org.
- ☐ Coordinate your bus transportation to arrive 30-45 minutes ahead of your session's start time and leave 20-30 minutes after your session's end time.
- ☐ Plan on one chaperone per 20-30 students.
- ☐ Review expectations for student behavior and provide an overview of the event for students. See *Resources to Use with Students* for additional suggestions on how to prepare students for the event.
- ☐ Record your district's transportation dispatch phone number in case of transportation issues.
- ☐ Bring lanyards and name tags for each student and staff member to distribute on bus.
- ☐ Distribute Transportation Packet to drivers.
- ☐ Review the exit plan for your students (included in this packet and on the back of the students' name badges).
- ☐ Plan for all types of weather.

At MiCareerQuest

- ☐ Instruct buses to line up at Scribner Avenue, where they will wait for event staff to call them in to unload students at the Monroe Avenue entrance. Once they have dropped off students, buses can park on Scribner Avenue (overflow on Mt. Vernon) during the event until it is time to re-load for departure. Bus passes will be distributed at the event.
- ☐ If possible, exchange cell phone numbers with your bus driver in order to ease communications after the event.
- ☐ Be sure all students are wearing their lanyards. The color of the lanyard will determine where your group begins in the Grand Gallery and through which doors they will exit.
- ☐ Make sure students know what to do if they get separated from the group and when/where to meet you at the end of the event.
- ☐ Look for event volunteers in neon pink t-shirts if you need assistance during the event.
- ☐ Use #MiCareerQuest 2025 to share your time at MiCareerQuest with your social networks!

When You Return to School

- ☐ Provide time for students to complete the event survey at www.micareerquest.org so they can be entered into a drawing for gift cards. Be sure to fill out your educator survey!
- ☐ See *Resources to Use with Students* for additional suggestions on how to follow-up with students after the event.

Map for Bus Arrival/Departure/Parking

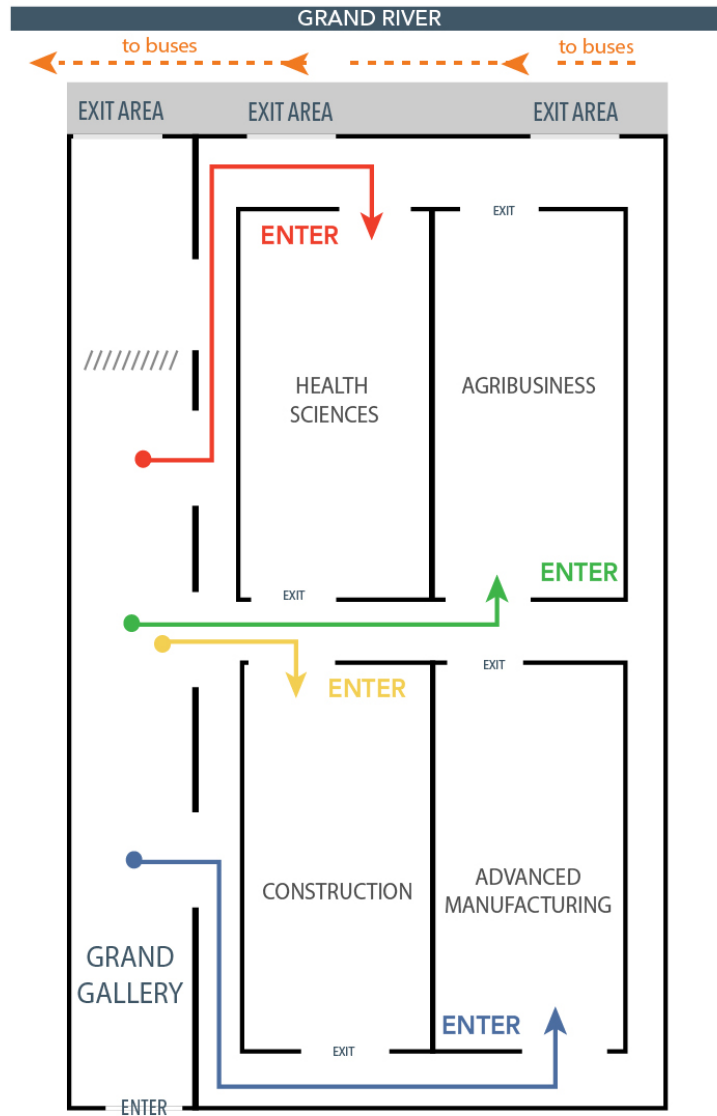


Instructions for Bus Drivers

1. Buses will line up on SCRIBNER AVE and wait to be directed by event staff to proceed to drop off.
2. Buses will turn right onto MICHIGAN ST and then turn right onto MONROE AVE.
3. You can only drop off at the designated area on MONROE AVE (volunteers will be present to assist).
4. For the safety of the children there will be NO DOUBLE PARKING TO UNLOAD.
5. Please unload as quickly as possible
6. Police Officers will be present to enforce the drop off process.
7. Pick up will be on SCRIBNER AVE.

Map for Entering the Event

Student Entrance Plan Based on Lanyard Color

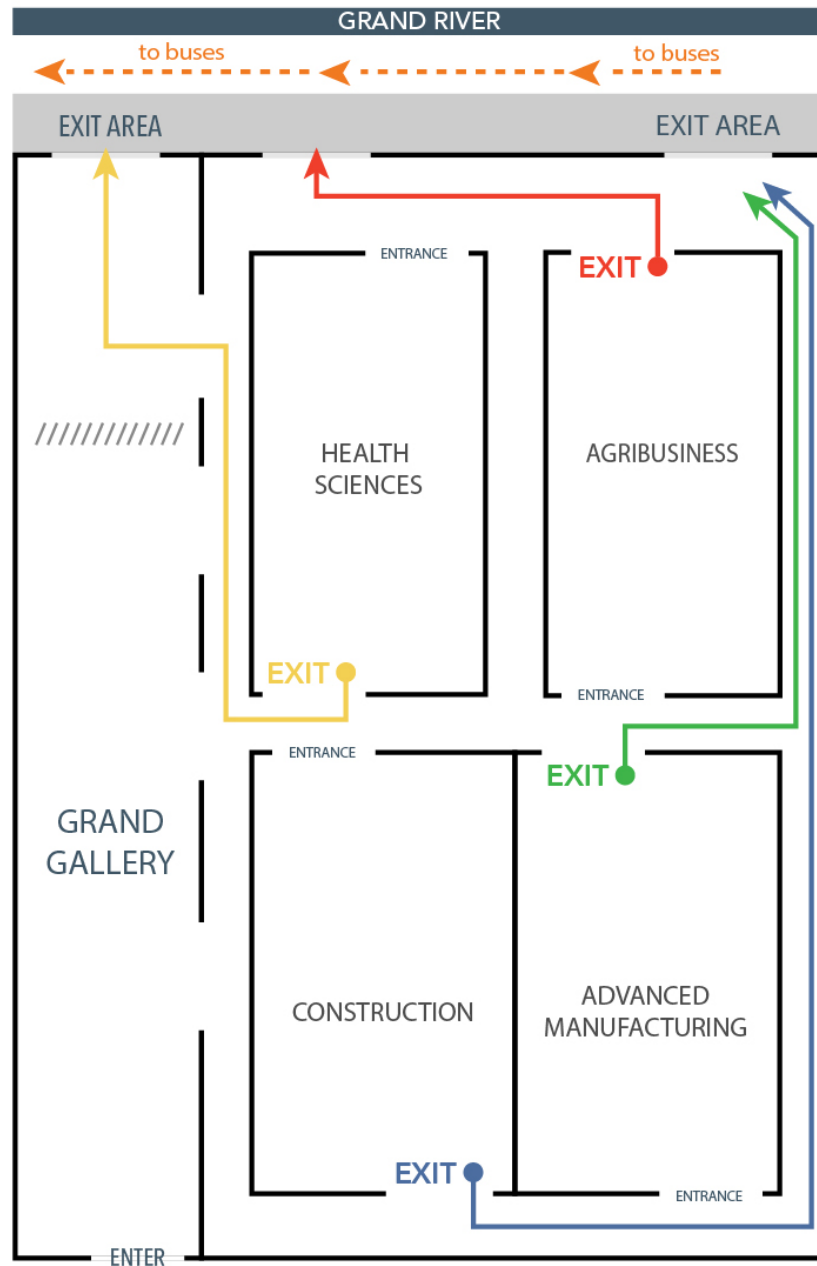


STUDENT ENTRANCE PLAN



Map for Exiting the Event

Student Exit Plan Based on Lanyard Color (This map is also on the back of the students' name badges)
Please instruct your students to exit quickly to avoid blocking the exit area.



STUDENT EXIT PLAN

Day of Event: Media FAQs

Will there be pictures or video taken of my students at MiCareerQuest?

YES. There will be photographs and videos taken at MiCareerQuest; corporate marketing teams and news media may be at the event. Because of the size of the event, we will not seek individual photo releases for student images taken at the event. Students may be photographed or videotaped participating in activities and their images used in future communications and promotional materials regarding MiCareerQuest. Please ensure all students attending are able to have their pictures and videos taken at this large, public event.

West Michigan Works! may reach out to you to seek parental/guardian approval for video releases of student interviews taken for promotional purposes. MiCareerQuest will not use interviews for promotional purposes without approval.

Reporters may have different policies for this newsworthy event. If you have a student unable to be featured on a news program, please instruct them not to participate in a news interview at MiCareerQuest.

Are student reporters invited to MiCareerQuest?

YES. We invite all student journalists, whether blogs, newspapers, or school show productions, to come to MiCareerQuest. You will be receiving an email requesting a media contact for a press release invite.

Resources to Use with Students

Below are some ideas for preparing students for MiCareerQuest and following up with them after the event. Review and adapt the activities as appropriate for your group.

“Why are we going to MiCareerQuest?”

Have a discussion about why career exploration activities like MiCareerQuest are important to their career development process. Emphasize that for most people, career development is an on-going process throughout their lives and not a one-time event.

“What can I talk about with employers?”

Whether or not they are currently interested in a career within the five highlighted industry sectors, urge students to keep an open mind and use the time to talk to employers about how/why they chose their career paths. Have students brainstorm questions they could ask employers at the fair, and encourage them to move beyond salary. Examples: What type of education/training is needed? What do you like most about your job? What can be difficult about the work you do? See *Activity: Questions to Ask Employers* pages .

“Who’s going to be there?”

Provide students with a list of the employers involved in MiCareerQuest. The list can be found on page 25 of this packet. Have students generate some questions they would want to know about a company and/or provide examples. Have students choose one of the listed partners (or assign) and have them provide profile briefs on each. See *MiCareerCompass* and activity, pages .

“What did I learn?”

After the event, have students reflect on their time at MiCareerQuest 2025. Have a discussion on some of the careers highlighted at the event. Are there any surprising statistics? Which fields seem most interesting? Which careers are new to you? Encourage students to update or add information to their EDPs (Educational Development Plan) as appropriate. See *MiCareerQuest 2025 Self-Reflection* on page

List of Participating Employers

A.I. Technology & Scherdel	Grand Rapids Community Media	Progressive Companies
ABB Inc.	Center - GRTV	Quality Air Heating & Cooling, Inc
Affordable Limousine	Grand Valley State University	Reyes Coca Cola Bottling
AHC Hospitality	GVSU	Rhode Construction
AIA Grand Rapids	Händorn Inc.	Rieth Riley Construction
Alro Steel	Haworth	Rockford Construction
Ambient Architecture	Hearthside Food Solutions	RoMan Manufacturing
Applied Innovation	Herbruck's Poultry Ranch	ROWE Professional Services
Aquinata Hall	Hortech	Company
Array of Engineers	Hulst Jepsen Physical Therapy	Royal Technologies
ASM Global- Grand Rapids	IBEW 275	Secchia Institute for Culinary
Atomic Object	Joint Venture Hospital Laboratories	Education
Autocam Medical	Kendall College Master of	Service Professor
Baker College	Architecture Program	Shape Corporation
Community Reinvestment	Kent County Road Commission	SpartanNash
Association Banks	Kent Power	Sunset Senior Communities
Bradford White Corporation	KISD	Tech Defenders
Bucher Hydraulics	Koeze Company	The Auto Diesel Institute - Baker
BuhlerPrince, Inc.	Lear Corporation	College
Business Network Division, Michigan	Life EMS Ambulance	The Bouma Corporation
Rehabilitation Services	Mersen	The Christman Co.,
City of Grand Rapids	MEWDC	TowerPinkster
City of Kentwood	Michigan Department of	Triangle Associates
City of Walker	Environment, Great Lakes, and	Triangle Associates, Inc.
Consumers Energy	Energy	Trinity Health
Control Solutions Inc	Michigan Department of State	Tyson Foods
Corewell Health	Michigan Department of	United States Army
Critter Barn	Transportation	University of Michigan Health-
Dan Vos Construction	Michigan Geological Survey-Core	West
Destination Consultants	Kids	Walters Gardens
DevsOperative	Michigan Regional Council of	Waypoints
DeWys Metal Solutions	Carpenters	West Michigan Plumbers Fitters
DTE	Michigan State University - Institute	and Service Trades Local #174
Enterprise Tool & Die, LLC	of Agricultural Technology	West Michigan Works!
Experience GR!	MillerKnoll	Windemuller
Ferris	Mission Design & Automation	Wolverine Coil Spring Company-
Feyen Zylstra	Montcalm Community College	Grand Rapids, MI
Fleis & VandenBrink Engineering, Inc.	MTT	Wyoming Public Works
Fox Motors	Muskegon Community College	
Gerald R. Ford International Airport	OAM Surgery Center at Midtowne	
Authority	Operating Engineers 324	
Gift of Life Michigan	Ottawa County	
GR Tooling & Automation	Pine Rest Christian Mental Health	
Grand Rapids Community College	Services	

List of Careers Represented

ADVANCED MANUFACTURING

Additive Manufacturing
Advanced Manufacturing and Electrical Panel Builder
Assembler
Assembly Production Technician
Auditor
Automation Engineer
CAD CAM Designer
CNC Machining
CNC Machining and Programmer
Computer Scientist
Controls Engineer
Customer Service Representative
Cybersecurity Professional
Design Engineer
Die Maker
Electrical and Design Engineer
Electrical Engineer
Electrician
Engineer
Engineer/Die Designer
Estimator
Field Service Technician
General Labor
HVAC Technician
Machine Builder
Machine Design and Build (CAD) Specialist
Machine Operator
Machine Repairer
Machinist
Maintenance Technician
Manufacturing Design Engineers
Manufacturing Engineer
Manufacturing Engineering Technician
Manufacturing Supervisor
Mechanical Engineer
Mechatronics Technician
Mechatronics, CNC and Industrial Manufacturing Apprentice
Metal Fabrication Specialist
Mold Set-Up Technician
Production Operator
Production Supervisor
Quality Control Technician
Quality Engineer
Quality Engineer - Medical Devices
Robotic Engineer
Robotics
Roll Forming
Rollform Operator/Technician
Safety Technician
Sale Manager
Saw Operator
Set Up Technician
Shipping Personnel
Tool and Die Repair
Tool Designer

ADVANCED MANUFACTURING CONT.

Tool Maker
Warehouse Operations Manager
Welder
Welding Engineer

AGRIBUSINESS

Agricultural Manager
Agriculture Education Specialist
Agronomist - Plant Scientist
Automotive Mechanic
Automotive Service Technician
CDL A Driver
Certified Pharmacy Technician
Continuous Improvement Engineer
Convenience Store Associate
Convenience Store Manager
Diesel Mechanic
Diesel Service Technician
Environmental Scientist
Farmer - Agriculture Business
Entrepreneur
Field Grower
Food Processing, Technology and Safety Personnel
Food Safety Quality Assurance Technician
Food Safety Technician
General Production Labor
Geologist
Greenhouse Grower
Grower
Hilo Operator
Immunizing Pharmacy Technician
Integrated Pest Management Technician
Inventory Controller
IT Governance - Risk & Compliance Specialist
IT Security Analyst
Landscape Manager
Line Worker
LiveRoof Sales Specialist
Livestock Manager
Machine and Forklift Operator
Machine Operator
Maintenance and Refrigeration Technician
Maintenance Technician
Meat Apprentice
Meat Cutter
Miner

AGRIBUSINESS CONT.

Natural Resource Conservation and Management Specialist
Network Architect
Network Security Engineer
Order Selector
Pharmacist
Pharmacy Technician
Processor
Production Supervisor
Production Technician
Quality Assurance Technician
Quality Control Supervisor
Quality Technician
Safety and Documentation Lead
Shipping Team Leader
Tissue Culture Lab Technician
Veterinarian
Warehouse Operator (forklift)
Warehouse Supervisor

CONSTRUCTION

Apprentice Carpenter
Architect
Building Automation Technician
CAD Technician
Carpenter
Civil Engineer
Construction Engineering Technician
Construction Installer
Construction Technician
Customer Service Representative
Customer Service, Administrative, & Leadership Roles
Drywall
Electric Lineworker
Electrical Apprentice
Electrical Journeyman
Electrical Lineworker
Electrical Service Technician
Electrician
Engineer
Equipment Operator
Estimator
Fabrication Shop Worker
Field Technician
Floor Installer
Foreman
Gas Laborer
Gas Technician
Heavy Equipment Mechanic
Heavy Equipment Operator
HVAC Service Technician
HVAC Technician
Land Surveyor
Light & Heavy Equipment Mechanic
Low Voltage Technician
Millwright
Pipefitter

List of Careers Represented

CONSTRUCTION

Plumbing Service Technician
Production Team Member
Project Manager
Refuse Collection Operator
Renewable Energy Technician
Skilled Trades Apprentice
Software Engineer
Street Maintenance Worker
Superintendent
Surveyor
Transportation Engineer
Transportation Maintenance Worker
Transportation Technician
Urban Planner
Water/Wastewater Operations Specialist
Welder

HEALTH SCIENCE

Athletic Trainer
Behavior Technician
Behavioral Health Professional
Board Certified Behavioral Analyst
Business Office Coordinator
Cardiac RN
Cardiology tech
Cardiovascular Technologist
Caregiver
Cashier
Certified Nurse Aide
Certified Occupational Therapy Assistant
Certified Registered Nurse Anesthetist
Clinic RN
Clinical Diet Technician
Cook
Customer Service Specialist
Dental Assisting
Diet Technician Registered
Dispatcher
Donation Coordinator
ECHO tech
Emergency Medical Technician
Environmental Health Clerk
Environmental Health Specialist
Environmental Health Technician
Exercise Physiologist
Health Educator
Health Educator
Human Milk and Formula Tech
Laboratory Technician
Licensed Practical Nurse
Medical Assistant
Medical Laboratory Assistant
Medical Laboratory Scientist
Medical Laboratory Technician
Medical Personnel

HEALTH SCIENCE

Medication Technician
Mobility Transportation Driver
Nurse
Occupational Therapist
Occupational Therapy Assistant
Operating Room Nurse
Organ Recovery Specialist
Paramedic
Perioperative Nurse
Perioperative Technician
Phlebotomist
Physical Therapist
Physical Therapy Assistant/
Occupational Therapy Assistant
Psychiatric Technician
Radiologic Technician
Recreation Therapy Assistant
Recreational Therapist
Registered Dietitian Nutritionist
Registered Nurse
Rehabilitation Coordinator
Resident Aide
Respiratory Therapist
Respiratory therapy assistant
Server
Social Worker
Supply and Logistics Personnel
Surgery Scheduler
Surgical Technician
Surgical Technologist
Tactical Combat
Therapist
Tissue Procurement Specialist
Trades Personnel
Vocational Counselor
X-ray , nuclear medicine, MRI

HOSPITALITY

Box Office Manager
CDL Driver
Chef
Dispatcher
Equipment Operator
Event Planner
Food and Beverage Manager
Hotel Manager
Housekeeping Manager
Pastry Chef
Private Chef
Sales Professional
Travel and Tourism Manager

INFORMATION TECHNOLOGY

Accountant
Administrative Support
Aerospace Engineer
Applications Analyst
Automotive Technician
Business Systems Analyst
Career Coach
Computer Information Systems Analyst
Controller
Copier/Printer Field Service Technician
Departmental Analyst
Departmental Technician
Designer
Developer
Device Specialist
Director
Electrical Engineer
Entrepreneur
Environmental Engineer
Environmental Quality Analyst
Financial Analyst
Financial Literacy Coach
Financial Manager or Director
Geologist
Information Security Analyst
Mechanical Engineer
Personal Finance Coach
Podcaster/TV Host
Producer (Video & Audio)
Secretary of State Aide
Software Developer
Software Engineer
Tester
User Experience/Interaction Designer
Videographer
Water Operator
Youth Solutions Manager

List of Exhibits and Jobs

ADVANCED MANUFACTURING

ABB Inc.

Robotic Engineer, Automation Engineer, Mechanical Engineer

Alro Steel

Warehouse Operations Manager, Sale Manager

Autocam Medical

Manufacturing Engineer, Machinist, Quality Engineer - Medical Devices

Baker College

Mechatronics Technician, Automation Engineer, Computer Scientist, Cybersecurity Professional

Bucher Hydraulics

Manufacturing Design Engineers, Machine Operator, Assembler, Mechanical Engineers

BuhlerPrince, Inc.

Engineer, Field Service Technician, CNC Machinist, Machine Builder

Bradford White Corporation

Welder, Manufacturing Engineering Technician, General Labor, Manufacturing Supervisor

DeWys Metal Solutions

Welder, Welding Engineer, Metal Fabrication Specialist, Safety Technician

Enterprise Tool & Die, LLC

Tool Maker, Quality Engineer, Tool Designer, CNC Machinist

GR Tooling & Automation

Die Maker, Machinist, Engineer/Die Designer

GVSU Manufacturing

GRCC Educator Table

Haworth

Assembly Production Technician, Design Engineer, Machine Operator, Quality Control Technician

Lear Corporation

Production Operator, Manufacturing Engineer, Tool and Die Repair, Maintenance Technician

Mersen

CNC Machinist, Saw Operator, CAD CAM Designer, Shipping Personnel

Montcalm Community College Educator Table

MillerKnoll

Manufacturing Engineer, Machine Repairer, Machine Design and Build (CAD) Specialist,

Mission Design & Automation Controls Engineer, Mechanical Engineer, Electrician, Machine Builder

MTT

Additive Manufacturing, CNC Machining, Robotics, Roll Forming

Muskegon Community College Educator Table

RoMan Manufacturing

Electrical and Design Engineer, CNC Machining and Programmer, Advanced Manufacturing and Electrical Panel Builder, Mechatronics, CNC and Industrial Manufacturing Apprentice

ADVANCED MANUFACTURING

Royal Technologies

Machine Operator, Assembler, Auditor, Mold Set-Up Technician

Shape Corporation

Production Supervisor, Electrician, Rollform Operator/Technician, Manufacturing Engineer

Wolverine Coil Spring Company and A.I. Technology & Scherdel

Estimator, Set Up Technician, Machine Operator, Customer Service Representative

INFORMATION TECHNOLOGY (placed in MANUFACTURING)

Array of Engineers

Aerospace Engineer, Software Engineer, Electrical Engineer,

Applied Innovation

Copier/Printer Field Service Technician

DevsOperative

Designer, Developer, Tester, Software Engineer

Grand Rapids Community Media Center - GRTV

Producer (Video & Audio), Director, Videographer, Podcaster/TV Host

Tech Defenders

Device Specialist

AGRIBUSINESS

The Auto Diesel Institute - Baker College

Automotive Mechanic, Automotive Service Technician, Diesel Mechanic, Diesel Service Technician

Critter Barn

Agriculture Education Specialist, Veterinarian, Agronomist - Plant Scientist, Farmer - Agriculture Business Entrepreneur

Hearthside Food Solutions

Machine Operator, Quality Technician, Hilo Operator, Maintenance Technician

Herbruck's Poultry Ranch

Quality Assurance Technician, Processor, Production Technician, Maintenance Technician

Hortech

Grower, LiveRoof Sales Specialist, Shipping Team Leader

Koeze Company

Food Safety Technician, Production Supervisor, Quality Control Supervisor, Line Worker

Michigan Geological Survey-Core Kids

Geologist, Miner, Natural Resource Conservation and Management Specialist, Environmental Scientist

Michigan State University - Institute of Agricultural Technology

Food Processing, Technology and Safety Personnel, Agricultural Manager, Landscape Manager, Livestock Manager

AGRIBUSINESS

Reyes Coca Cola Bottling

Machine Operator, Warehouse Operator (forklift), Continuous Improvement Engineer, Safety and Documentation Lead

SpartanNash

IT Security Analyst, IT Governance - Risk & Compliance Specialist, Network Architect, Network Security Engineer

SpartanNash

Meat Apprentice, Meat Cutter, Convenience Store Associate, Convenience Store Manager

SpartanNash

CDL A Driver, Order Selector, Inventory Controller, Warehouse Supervisor

SpartanNash

Pharmacist, Pharmacy Technician, Certified Pharmacy Technician, Immunizing Pharmacy Technician

Tyson Foods

General Production Labor, Machine and Forklift Operator, Food Safety Quality Assurance Technician, Maintenance and Refrigeration Technician

Walters Gardens

Greenhouse Grower, Tissue Culture Lab Technician, Integrated Pest Management Technician, Field Grower

HOSPITALITY (placed in AGRIBUSINESS)

Affordable Limousine

CDL Driver, Dispatcher, Sales Professional,

AHC Hospitality

Housekeeping Manager

AHC Hospitality

Pastry Chef

ASM Global- Grand Rapids

Box Office Manager

Destination Consultants and Experience GR!

Event Planner

Grand Valley State University

Event Planner, Hotel Manager, Food and Beverage Manager, Travel and Tourism Manager

Gerald R. Ford International Airport

Authority

Equipment Operator

Secchia Institute for Culinary Education

Chef, Pastry Chef, Private Chef

INFORMATION TECHNOLOGY (placed in AGRIBUSINESS)

Fox Motors

Automotive Technician

Michigan Department of Environment, Great Lakes, and Energy

Environmental Quality Analyst, Geologist, Environmental Engineer, Water Operator

List of Exhibits and Jobs

CONSTRUCTION

Ambient Architecture, AIA Grand Rapids, Progressive Companies, TowerPinkster, Kendall College Master of Architecture Program
Architect

The Bouma Corporation
Carpenter, Drywall, Apprentice Carpenter, Floor Installer
City of Grand Rapids, City of Wyoming, City of Kentwood, City of Walker, Kent County Road Commission
Refuse Collection Operator, Street Maintenance Worker, Light & Heavy Equipment Mechanic, Customer Service, Administrative, & Leadership Roles
Consumers Energy, DTE, Kent Power, and MEWDC
Customer Service Representative, Renewable Energy Technician, Electric Lineworker, Gas Technician
Control Solutions Inc
Field Technician, Software Engineer, Electrician, Building Automation Technician
GRCC Educator Table
Fleis & VandenBrink Engineering, Inc.
Construction Technician, CAD Technician, Surveyor, Water/Wastewater Operations Specialist
Händorn Inc.
Estimator, Project Manager, Engineer, Production Team Member
Michigan Department of Transportation
Transportation Engineer, Transportation Technician, Transportation Maintenance Worker
IBEW 275, Windemuller, Feyen Zylstra
Electrical Apprentice, Foreman, Low Voltage Technician, Electrical Journeyman
Kent Power
Electrical Lineworker, Gas Laborer, Project Manager, Estimator
Michigan Regional Council of Carpenters
Carpenter, Millwright
Operating Engineers 324
Heavy Equipment Operator, Heavy Equipment Mechanic
Quality Air Heating & Cooling, Inc
Construction Installer, Pipefitter, Fabrication Shop Worker
Rockford Construction, Triangle Associates, Rhode Construction, The Christman Co., Rieth Riley Construction & Dan Vos Construction
Project Manager, Superintendent, Carpenter, Equipment Operator
Service Professor
HVAC Service Technician, Electrical Service Technician, Plumbing Service Technician, Skilled Trades Apprentice
ROWE Professional Services Company
Construction Engineering Technician, Land Surveyor, Civil Engineer, Urban Planner

CONSTRUCTION

West Michigan Plumbers Fitters and Service Trades Local #174
Plumber, Pipefitter, HVAC Technician, Welder

INFORMATION TECHNOLOGY (placed in CONSTRUCTION)

Atomic Object
Software Developer
Community Reinvestment Association Banks
Personal Finance Coach, Entrepreneur, Financial Manager,
Grand Rapids Community College Computer Information Systems Analyst, User Experience/Interaction Designer, Mechanical Engineer, Software Engineer
West Michigan Works!
Financial Literacy Coach, Career Coach, Entrepreneur, Youth Solutions Manager

HEALTH SCIENCES

Aquinata Hall
Caregiver, Certified Nurse Aide, Nurse
Baker College
Radiologic Technician, Nurse, Surgical Technician, Physical Therapy Assistant/Occupational Therapy Assistant
Business Network Division, Michigan Rehabilitation Services
Vocational Counselor, Rehabilitation Coordinator
Corewell Health
Registered Dietitian Nutritionist, Diet Technician Registered, Clinical Diet Technician
Corewell Health
Cook, Server, Cashier, Customer Service Specialist
Corewell Health
Respiratory Therapist
Corewell Health
Human Milk and Formula Tech
Gift of Life Michigan
Donation Coordinator, Tissue Procurement Specialist, Organ Recovery Specialist, Laboratory Technician
GRCC
Nurse, Cardiovascular Technologist, Occupational Therapy Assistant, Dental Assisting
GVSU
Rehabilitation Therapist, Dietitian, Public Health Specialist, Health Information Manager
Hulst Jepsen Physical Therapy
Physical Therapist
Joint Venture Hospital Laboratories
Medical Laboratory Scientist, Medical Laboratory Technician, Medical Laboratory Assistant, Phlebotomist
Life EMS Ambulance
Emergency Medical Technician, Paramedic, Mobility Transportation Driver, Dispatcher
OAM Surgery Center at Midtowne
Perioperative Nurse, Operating Room Nurse, Surgical Technologist, Surgery Scheduler

HEALTH SCIENCES

Ottawa County
Environmental Health Specialist, Health Educator, Environmental Health Clerk, Environmental Health Technician
Pine Rest Christian Mental Health Services
Registered Nurse, Psychiatric Technician, Licensed Practical Nurse, Behavioral Health Professional
Pine Rest Christian Mental Health Services
Social Worker, Therapist, Board Certified Behavioral Analyst, Medical Assistant
Pine Rest Christian Mental Health Services
Recreational Therapist, Occupational Therapist, Certified Occupational Therapy Assistant
Sunset Senior Communities
Resident Aide, Medication Technician, Recreation Therapy Assistant,
Trinity Health
Respiratory Therapist, Respiratory therapy assistant
Trinity Health
Medical Assistant, Licensed Practical Nurse, Clinician Nurse, Business Office Coordinator
Trinity Health
X-ray technician, nuclear medicine, MRI
Trinity Health
Cardiac RN, ECHO tech, Cardiology tech, Exercise Physiologist
Trinity Health
Perioperative Technician, Surgical Technologist, Registered Nurse, Certified Registered Nurse Anesthetist
United States Army Recruiting
Supply and Logistics Personnel, Trades Personnel, Medical Personnel
University of Michigan Health-West Nurse
University of Michigan Health West Beltline
Medical Assistant

Waypoints
Behavior Technician

INFORMATION TECHNOLOGY (placed in HEALTH SCIENCES)

Corewell Health
Information Security Analyst, Business Systems Analyst, Applications Analyst,
Corewell Health - Finance
Financial Analyst, Accountant, Financial Manager or Director, Controller
Michigan Department of State Secretary of State Aide, Departmental Analyst, Departmental Technician, Administrative Support



MiCareerCompass follows the Michigan Career Development Model and gives educators and students another resource for career development education. Suggested activities are listed for students to prepare for MiCareerQuest and reflect upon the experience.

Career Awareness

Career awareness is an essential first step in building students' understanding of the working world. It shows them options for their futures with the hope that each student will find a career that resonates with them in terms of interests, purpose, and inspiration.

Step One: Self-Awareness

Knowing who you are and understanding your interests, values, skills, and motivations.

- What do I love to do?
- What is most important to me (what do I value)?
- What do I like to do in my free time?
- What skills and activities come naturally to me and make me feel happy and energized?
- What are my favorite/least favorite classes?
- What ideas and topics spark my curiosity?
- What could I talk about for hours?
- Create your Education Development Plan (EDP) with your counselor or begin journaling the answers to the above questions.

Step Two: Career Awareness

Learning about opportunities and participating in career awareness events such as:

- College and career awareness expos (i.e. MiCareerQuest, College Fairs, etc.)
- Career-specific awareness days i.e., Manufacturing Day, Health Occupations, Construction Days, etc.
- Workplace tours.

Career Exploration

Career exploration activities are intended to ensure a students' areas of interest are aligned with core academic, technical, and employability skills.

Step One: Internal Exploration and Development

- Research and identify career interests and activities that align to your academic and personal strengths.
- Complete career assessments and work values inventory.
- Develop study and time management skills.
- Develop soft skills/work ethics i.e., teamwork, problem-solving, critical thinking skills, technological literacy, conflict resolution, etc.

- Create or continue to work on your Education Development Plan (EDP) with your counselor. If you do not have an EDP, begin journaling about your career goals, education, training goals, career options and step-by step plan of action to achieve goals.

Step Two: External Exploration

- Use search engine tools i.e., [ello](#) formerly Career Cruising , MI Bright Future, My Next Move, Pathfinder, Naviance, Kuder, Mavin, etc. to begin exploring career options.
- Meet with your counselor or advisor to plan courses and a career path.
- Attend career-specific exploration days i.e., Manufacturing Day, Health Occupations, Construction Days, etc.
- Visit Career and Technical Education program tours.
- Attend college information nights and admission representation events.
- Attend business and industry guest speaker events.
 - Learn about the Career and Technical Education programs offered at your school.
 - Job shadow.
 - Volunteer with an area nonprofit agency.

Career Preparation

Students continue to build knowledge about careers, postsecondary, and employment opportunities.

Step One: Internal Preparation

- Create and continue to update your EDP.
- If you do not have an EDP, begin journaling about your career goals, education, training goals, career options, and step-by-step plan of action to achieve goals.
- Develop leadership/character education i.e., study skills, time management, self-advocacy, public speaking, etc.
- Develop soft skills/work ethics i.e., teamwork skills, problem-solving skills, critical thinking, technological literacy, conflict resolution.

Step Two: External Preparation

- Attend a field trip to a community college/university for postsecondary exploration.
- Visit, explore a Career and Technical Education (CTE) program.
- Participate in employability preparation workshops i.e., resume writing, mock interviews, leadership training, soft skills, etc.
- Interact with business partners and professionals for an extended period.
- Participate in entrepreneurial projects in the classroom and with business partnerships.
- Engage in formal mentoring with individuals in local the business/industry you are interested in.
- Have local employers visit students to discuss top employability.

Advanced Training and Employment

Students final review and updates to the talent portfolio to meet the student's current career and educational goals/interests.

- Modify the Talent Portfolio based on the information from the EDP.

- Update the Talent Portfolio with certifications, documentation of key competencies, or accomplishments i.e., Red Cross CPR, Science Olympiad award, industry license/certification, digital badges, etc.
- Refine Talent Portfolios to match individual experiences, educational goals, and career interests.
- Refine Talent Portfolio to include professional weblinks and social media platforms.
- Present the Talent Portfolio to class, teacher, and business professionals.

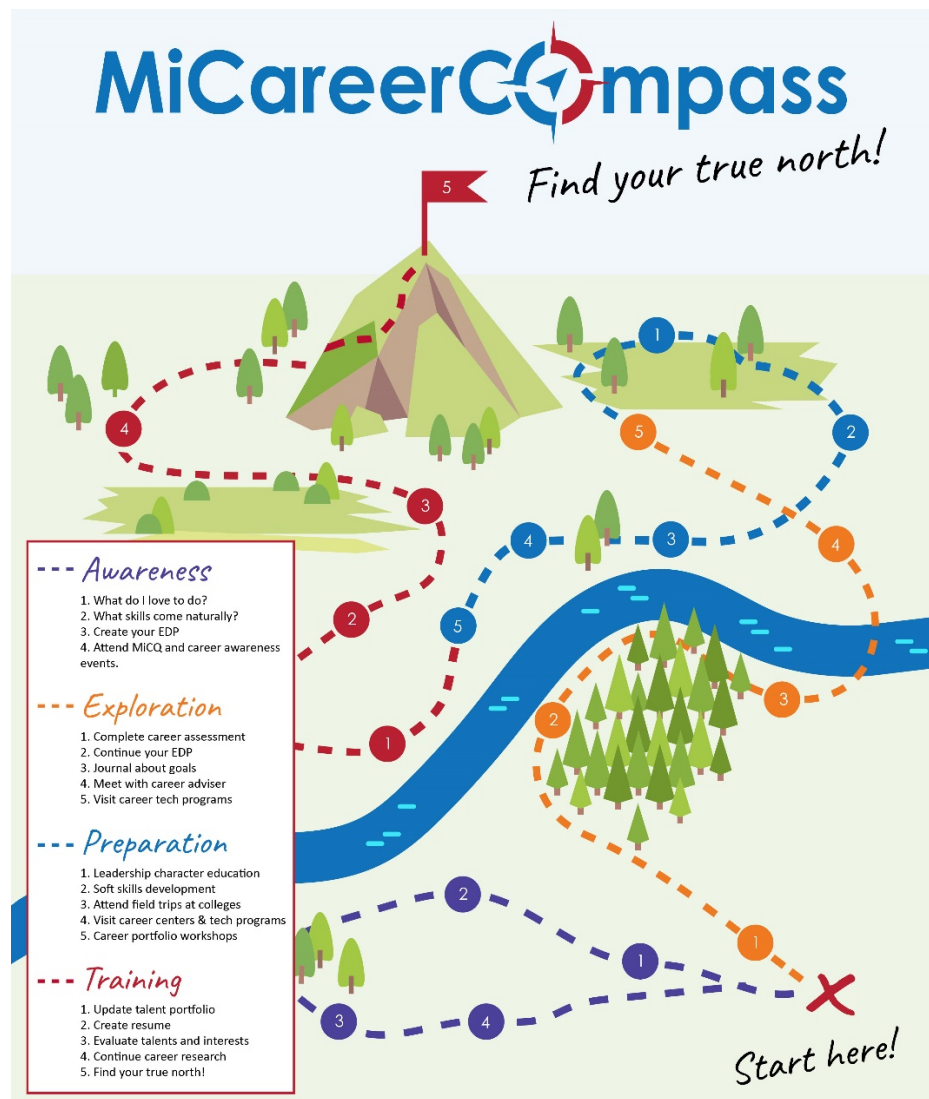
ACTIVITY: PREPARING FOR MICQ

Career Trail – Find Your True North

Resources Needed: (Student/Teacher Resources) Career Trail Map

Lesson Time Frame: 1-2 class periods

- Learning Outcomes: Prepare student for the types of careers and professionals they will interact with at MiCareerQuest.
- Use critical thinking and research to investigate careers that appeal to their future professional and lifestyle goals.
- Use presentation skills to report/share information learned (Optional).



Career Trail Exploration Worksheet

If at any point during this exercise you cannot answer or are stuck and unsure, go to [O*Net online](https://onetonline.org) and follow the directions [below](#).

Name of Career/Job you want to pursue? _____

- *What am I good at? How does this career fit with my natural skills and abilities? Does this job fit with my interests and personality?*
- *What classes and activities do I enjoy? What do these classes/activities have in common with my desired career?*
- *What are my career goals within this industry?*
 - *Do I want to manage people?*
 - *Move up into a leadership role?*
 - *Do I want to start my own company?*
 - *Does this career allow me to reach these goals?*
- *What skills do I have and what do I need to learn/acquire for this job?*
 - *Do I need a post-secondary education or specialized training for this job?*
 - *If so, what is it?*
 - *Am I willing to put in the time and motivation to achieve this goal?*
 - *How much will an advanced degree or training cost?*
 - *Are there opportunities to receive scholarships or on the job training for free?*
- *What salary can I expect to earn?*
 - *Will I need to use part of my salary to pay off any student loans?*
- *Is this a competitive career? Is this career in a growing field? Are there opportunities for advancement?*
- *Are there many jobs in this field where I currently live, or will I need to relocate?*
- *What other careers/jobs are like my desired job? What other jobs exist that use the same skill set and have the same education requirements? What are they?*

O*Net Directions

1. Visit onetonline.org and on the right-hand side of the screen, click on “I want to be a...”



- Click on “Tell us what you like to do” and take the quiz. After viewing your results, use the additional the search boxes to research your career or industry interests.

MY NEXT MOVE

What do you want to do for a living?

"I want to be a ..."
Search careers with key words.
 Describe your dream career in a few words:
 Examples: doctor, build houses
 Search

"I'll know it when I see it."
Browse careers by industry.
 There are over 900 career options for you to look at. Find yours in one of these industries:
 Administration & Support Services
 Browse

"I'm not really sure."
Tell us what you like to do.
 Answer questions about the type of work you might enjoy. We'll suggest careers that match your interests and training.
 Start

Still not sure? Check out careers in these groups:
 Bright Outlook Interests Job Prep

Are you a veteran looking for work?
 My Next Move for Veterans helps you find a civilian career similar to your military job.

¿Hable español?
 Mi Próximo Paso incluye tareas, aptitudes, información sobre salarios y más de 900 carreras diferentes.

- Choose a job title.

O*NET OnLine

Occupation Quick Search:


Help Find Occupations Advanced Search Crosswalks Share O*NET Sites

Quick Search for:
Medical Assistant

Showing top 20 occupations for **Medical Assistant**. Closest matches are shown first.

How do they match?	Code	Occupation
	31-9092.00	Medical Assistants
	43-6013.00	Medical Secretaries and Administrative Assistants
	43-4171.00	Receptionists and Information Clerks
	29-2072.00	Medical Records Specialists
	29-2011.00	Medical and Clinical Laboratory Technologists
	29-2012.00	Medical and Clinical Laboratory Technicians
	29-2099.05	Ophthalmic Medical Technologists
	29-2057.00	Ophthalmic Medical Technicians
	31-9094.00	Medical Transcriptionists
	11-9111.00	Medical and Health Services Managers
	29-2042.00	Emergency Medical Technicians
	31-1131.00	Nursing Assistants
	29-9021.00	Health Information Technologists and Medical Registrars
	51-9082.00	Medical Appliance Technicians
	19-1042.00	Medical Scientists, Except Epidemiologists
	29-1071.00	Physician Assistants
	29-2056.00	Veterinary Technologists and Technicians
	29-1141.00	Registered Nurses
	29-2032.00	Diagnostic Medical Sonographers
	31-9093.00	Medical Equipment Preparers

- Click on the job titles to learn more about the job.



O*NET OnLine

Occupation Quick Search:

HelpFind OccupationsAdvanced SearchCrosswalksShareO*NET Sites

Summary Report for:

31-9092.00 - Medical Assistants

Updated 2021
Bright Outlook

Perform administrative and certain clinical duties under the direction of a physician. Administrative duties may include scheduling appointments, maintaining medical records, billing, and coding information for insurance purposes. Clinical duties may include taking and recording vital signs and medical histories, preparing patients for examination, drawing blood, and administering medications as directed by physician.

Sample of reported job titles: Certified Medical Assistant (CMA), Chiropractor Assistant, Clinical Assistant, Doctor's Assistant, Medical Assistant (MA), Medical Office Assistant, Optometric Assistant, Registered Medical Assistant (RMA)

View report: SummaryDetailsCustom

Tasks | Technology Skills | Tools Used | Knowledge | Skills | Abilities | Work Activities | Detailed Work Activities | Work Context | Job Zone | Education | Credentials | Interests | Work Styles | Work Values | Related Occupations | Wages & Employment | Job Openings | Additional Information

Tasks

5 of 20 displayed

- Record patients' medical history, vital statistics, or information such as test results in medical records.
- Prepare treatment rooms for patient examinations, keeping the rooms neat and clean.
- Interview patients to obtain medical information and measure their vital signs, weight, and height.
- Show patients to examination rooms and prepare them for the physician.
- Prepare and administer medications as directed by a physician.

[back to top](#)

Technology Skills

5 of 14 displayed [Show 68 tools used](#)

- Accounting software** — Billing software; Bookkeeping software; Intuit QuickBooks 🔥
- Electronic mail software** — Email software; Microsoft Exchange 🔥; Microsoft Outlook 🔥
- Medical software** — Epic Systems 🔥; Healthcare common procedure coding system HCPCS 🔥; Medical condition coding software 🔥; MEDITECH software 🔥
- Office suite software** — Business software applications; Microsoft Office 🔥
- Operating system software** — Microsoft Windows Vista Business; Microsoft Windows XP Professional

🔥 Hot Technology — a technology requirement frequently included in employer job postings.

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Career Mapper – What will fulfill you?

Resources Needed: (Student/Teacher Resources) Ikigai plotter, Career Trail Exploration Results, mynextmove.org results or other interest tracker, O*Net Results

Lesson Time Frame: 1 class period

- Learning Outcomes: Prepare students for questions related to themselves and careers at [MiCareerQuest](#).
- Use critical thinking to determine important characteristics for their future professional and lifestyle goals.
- Use presentation skills to report/share information learned (Optional).

1. Give each student an Ikigai plotter. Ikigai is "a motivating force; something or someone that gives a person a sense of purpose, a reason for living."
2. Have students go circle by circle and answer the prompts in the circles. Have them use the results from their Career Exploration Activity, O*Net career outlooks or other interest tracker to help fill in the prompts with specific information. If students need more space, they can use the back of the page.



3. After students have completed their charts, have them pair and share their responses to each of the areas and what they have learned about themselves and their potential career pathways.

ACTIVITY: AT MICQ – QUESTIONS TO ASK EMPLOYERS

Regardless of where you are in your personal career “quest,” MiCareerQuest provides a great opportunity for you to talk to professionals who love what they do for a living. Ask employers about their career paths and how/why they decided to go into their respective fields. Are there patterns to their stories that can help you on your career path? There are so many other interesting and important questions than just “How much money do you make?”

Brainstorm and have a minimum of 3 questions ready to ask any employer that will help you determine the best career for your future. If they hit a snag use this document as a reference to help guide you.

1. _____

2. _____

3. _____

4. When did you decide to pursue a career in this field?
5. What other jobs did you consider before deciding on this one?
6. What skills and education are required for your current position?
7. What do you like most about your job?
8. What do you like least about your job?
9. What is a typical day like? What are your hours/days of work?
10. What personal qualities or abilities are important to being successful in this job?
11. Do you work alone or on a team most often?
12. What can cause stress in this job?
13. What is your perception of the job outlook for this career field?
14. What are some of the surprises you have had in this job?
15. Were you employed in another profession before coming into this position?
16. If so, why did you change professions?
17. What kind of training do companies like yours provide incoming employees? What skills are you expected to have learned beforehand?
18. What advice would you give to those considering this same career??

MiCareerQuest 2025 Self-reflection

1. Of the five industries you learned about, which did you most enjoy?

- ☐ Agribusiness
- ☐ Advanced Manufacturing
- ☐ Construction
- ☐ Health Sciences
- ☐ Information Technology

2. Describe three things you learned about the industry that you didn't know before:

3. Within the industry you checked, what type of careers sounded most interesting to you? Why?

4. What type of education or training do you need to get started in this industry?

5. Based on what you learned, what kinds of skills are needed to succeed in this industry? (e.g., math skills, public speaking, project management, etc.)

6. What are some of **your** next steps in career planning?

MiCareerQuest 2025: 3D Walkthrough

ACTIVITY: AFTER MICQ – 3D Walkthrough

This year, MiCareerQuest will feature a 3D Walkthrough available to students who attended to revisit their favorite exhibits and check out exhibits they missed.

It will also allow students who did not attend MiCareerQuest to see the companies participating, the jobs that they featured, and what the exhibits look like. Exhibitors will be providing websites, links, and other resources for students to check out. We anticipate the walkthrough will be available a week or two after MiCareerQuest ends.

Please look out on the website micareerquest.org/3dwalkthrough for the link in mid-April.