

MIWORKFORCE PATHWAYS

ARTICULATION AGREEMENT

GENERAL APPLIED SCIENCE

# MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

TO: MiWorkforce General Applied Science Pathway Participating Institutions  
FROM: Michigan Community College Association  
SUBJECT: MiWorkforce Join/Modify Summary

The MiWorkforce Pathways agreement, signed on August 24, 2022, provides for institutions to modify worksheets and equivalencies or join the MiWorkforce Pathways agreement. Institutions have requested to make the following adjustments to the General Applied Science Pathway:

## GENERAL APPLIED SCIENCE FALL 2022 JOIN/MODIFY

INSTITUTION	JOINING/MODIFYING
Oakland University	Joining

## GENERAL APPLIED SCIENCE SPRING 2023 JOIN/MODIFY

INSTITUTION	JOINING/MODIFYING
Grand Valley State University	Modifying
Macomb Community College	Modifying

# MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

## BACKGROUND

Between 2017-2020, Michigan colleges and universities signed ten statewide multi-institutional associate to bachelor's degree transfer agreements in high volume transfer programs with generous support from a one-time state appropriations grant. With generous support from the Ascendium Education Group, the Michigan Community College Association (MCCA) again convened cross-sector stakeholders in 2021-2022 to develop and execute new multi-institutional bachelor's completion transfer agreements for students who have earned *applied* associate degrees from Michigan community colleges. While community college graduates in applied associate degree programs typically enter the labor market with the associate degree, it is becoming increasingly common for students and employers to seek a bachelor's degree after completing the applied associate degree.

The MCCA and Michigan's community colleges invited public universities and independent colleges and universities to join this work to expand bachelor's degree options for associate degree graduates. Interested bachelor's degree granting institutions submitted information about their programs to the MCCA for review and the MCCA engaged with community colleges to identify applied associate degree programs suitable for the agreements. This process resulted in four additional multi-institutional transfer agreements as outlined in this and other agreements. Information about all transfer agreements is regularly updated on the Michigan Transfer Network at [www.mitransfer.org](http://www.mitransfer.org).

## CONTENTS OF THE AGREEMENT

The contents of this agreement include the following:

- Terms of the Agreement
- Signatures of Participating Institutions
- Appendix A includes the full list of participating community college programs
- Appendix B includes the full list of participating bachelor's degree granting programs

# MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

## TERMS OF THE AGREEMENT

1. This agreement is effective August 1, 2022, through June 30, 2025. Agreements are expected to renew every three years after (2028, 2031, etc.) unless participating institutions choose to leave the agreement following the protocol for leaving the agreement published at [www.mittransfer.org](http://www.mittransfer.org).
2. Participating institutions agree that to use this agreement, students must apply and be admitted to the participating institution and to the program.
3. Participating institutions agree that all courses must be completed with a grade of C (2.0) or better unless otherwise indicated by the bachelor's degree granting institution.
4. Bachelor's degree granting programs identified in Appendix B agree to accept the applied associate degrees identified in Appendix A.
5. Bachelor's degree granting programs identified in Appendix B agree to accept the Michigan Transfer Agreement (MTA) in accordance with the institutions' MTA policy. Community college students are encouraged but not required to complete the MTA to participate in this pathway.
6. Community colleges identified in Appendix A agree to enforce institutional policies to review and award credit for prior learning (CPL) such that student's meet the learning outcomes of the course for which they are receiving credit and the policy meets institutional and programmatic accreditation requirements. CPL examples include Advanced Placement (AP), International Baccalaureate (IB), College-Level Examination Program (CLEP), DANTES, military training, industry credentials, credit for apprenticeship, credit by examination, and portfolio assessment. This opportunity is more common among students in applied associate degree programs since some students may have previous training or work experience that aligns with program requirements (i.e. CCNA I certification aligned with CIS 100).
7. Bachelor's degree granting programs identified in Appendix B agree to accept credit for prior learning previously applied to meet associate degree and MTA requirements at the participating community colleges identified in Appendix A.
8. Wherever possible, bachelor's degree granting programs identified in Appendix B will not limit transfer credit awards due to credit expiration.
9. Community colleges identified in Appendix A agree to add website links in the designated area of [mittransfer.org](http://mittransfer.org) which includes information about the associate degree program and transfer opportunities associated with this transfer agreement.
10. Bachelor's degree granting programs identified in Appendix B agree to add a website link in the designated area of [mittransfer.org](http://mittransfer.org) which will include information about this agreement, the bachelor's degree program, admission requirements, residency requirements, additional coursework that can be completed at the community college, and coursework remaining to complete the bachelor's degree.

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

11. Community colleges and bachelor's degree granting institutions interested in joining this agreement should follow the protocol and timeline for joining the agreement published at [www.mittransfer.org](http://www.mittransfer.org) and contact the Michigan Community College Association for additional information.
12. Institutions are expected follow the protocol and timeline published at [mittransfer.org](http://mittransfer.org) to make modifications to the agreement. Any modifications to the agreement should be communicated among participating institutions as soon as possible to avoid adverse impacts on students.
13. In the performance of their respective duties and obligations under this Agreement, each Party is an independent contractor, and neither is the agent, employee, or servant of the other. Each is responsible only for its own conduct.

# MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

## SIGNATURES

By signing this agreement, institutions agree to the terms of the agreement.

### MICHIGAN COMMUNITY COLLEGE ASSOCIATION

NAME/ SIGNATURE	TITLE	INSTITUTION
<i>Steven Fosgard</i>	VP of Instruction	Alpena Community College
<i>Dr. Laura Coleman</i>	President	Bay College
<i>Michael Gavin, Ph.D.</i>	President	Delta College
<i>Reva Curry, Ph.D.</i>	Vice President of Instruction and Learning Services	Delta College
<i>Eduardo Suniga, M.S. Ed</i>	Dean of Career Education and Learning Partnerships	Delta College
<i>Dr. David Devier</i>	President	Glen Oaks Community College
<i>Dr. Adam L. Cloutier</i>	Vice President of Academics	Glen Oaks Community College
<i>Jennifer Sabourin</i>	VP of Student Services and Athletics	Gogebic Community College
<i>Juan Olivarez</i>	President	Grand Rapids Community College
<i>Brian Knetl</i>	Provost and Executive Vice President, Academic and Student Affairs	Grand Rapids Community College
<i>Russell Kavalhuna</i>	President	Henry Ford College
<i>Michael Nealon</i>	VPAA	Henry Ford College
<i>Patricia Chatman</i>	Dean	Henry Ford College
<i>Cynthia Scheuer</i>	Dean	Henry Ford College
<i>Robert Yahrmatter</i>	Dean	Henry Ford College
<i>Todd Butler</i>	Dean of Humanities and the Sciences	Jackson College

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

<i>Heather Ruttkofsky</i>	Dean of Health Sciences & Career and Technical Trades	Jackson College
<i>Dr. Paul Watson, II</i>	Interim President	Kellogg Community College
<i>Ms. Tonya Forbes</i>	Interim Vice President of Instruction	Kellogg Community College
<i>Dr. Amy Fugate</i>	VP Instructional Services	Kirtland Community College
<i>Dr. Ken Flowers</i>	Interim Provost and Vice President, Academic Affairs	Lake Michigan College
<i>Dr. Leslie Kellogg</i>	Provost	Macomb Community College
<i>Tim Hood</i>	President	Mid Michigan College
<i>Scott Mertes, Ph.D.</i>	Vice President of Academic Affairs and Community Outreach	Mid Michigan College
<i>Richard Smith, Ed.D.</i>	Associate Dean of Off Campus Instruction	Mid Michigan College
<i>Shawn Troy</i>	Dean of Career and Workforce Education	Mid Michigan College
<i>Grace Yackee</i>	Vice President of Instruction	Monroe County Community College
<i>Robert A. Spohr</i>	Vice President for Academic Affairs	Montcalm Community College
<i>Dr. John Selmon</i>	President	Muskegon Community College
<i>Dr. Kelley Conrad</i>	Provost	Muskegon Community College
<i>James Cousino</i>	Dean of Career and Technical Education	North Central Michigan College
<i>Stephen L. Strom, Ph.D.</i>	Vice President of Academic Affairs	North Central Michigan College
<i>Stephen Siciliano</i>	Vice President for Educational Services	Northwestern Michigan College
<i>Jennifer I Berne, Ph.D.</i>	Provost	Oakland Community College
<i>Stacy Whiddon</i>	Chief Academic Officer	Schoolcraft College
<i>David Fleming</i>	Provost	Southwestern Michigan College
<i>Ethan Flick</i>	CAO	St. Clair County Community College

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

<i>Dr. Deborah Snyder</i>	President	St. Clair County Community College
<i>Victor Vega</i>	Vice President of Instruction	Washtenaw Community College
<i>David E. Beaumont</i>	Vice Chancellor Educational Affairs	Wayne County Community College District
<i>Dr. Mark Kinney</i>	Vice President of Academics and Student Services	West Shore Community College

### MICHIGAN ASSOCIATION OF STATE UNIVERSITIES

NAME/ SIGNATURE	TITLE	INSTITUTION
<i>Roxanne Cullen</i>	Professor	Ferris State University
<i>Randy Cagle</i>	Dean	Ferris State University
<i>Steve Reifert</i>	Interim Associate Provost	Ferris State University
<i>Dr. Fatma Mili</i>	Provost and Executive Vice President for Academic Affairs	Grand Valley State University
<i>Britt Rios-Ellis, Ph.D.</i>	Executive Vice President for Academic Affairs and Provost	Oakland University
<i>Dr. Deborah Huntley</i>	Provost & Vice President for Academic Affairs	Saginaw Valley State University

### MICHIGAN INDEPENDENT COLLEGES AND UNIVERSITIES

NAME/ SIGNATURE	TITLE	INSTITUTION
<i>Bart Daig</i>	CEO	Baker College
<i>Richard Pappas, Ed.D.</i>	President	Davenport University
<i>Gilda Gely, Ph.D.</i>	Executive Vice President for Academics and Provost	Davenport University
<i>Kristin Stehouwer</i>	VP Academics	Northwood University
<i>Dr. Emily Barnes</i>	Provost & Vice President of Academic Affairs	Siena Heights University
<i>Dave Schippers</i>	Chief Academic Officer – Dean of Academics	Walsh College



# MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

## APPENDIX A: PARTICIPATING COMMUNITY COLLEGES

### Definitions

- Institution: The community college participating in the agreement.
- CIP Code: The six-digit CIP code assigned by the institution to the program. This information is helpful to cluster similar programs with different program names across institutions.
- CIP Program Name: The name of the program associated with that CIP Code
- Institution's Program Name: The name of the program name used at the institution.
- \*Awards: The total number of degrees awarded in the program by the institution in the 2020-2021 academic year as reported to IPEDS. This information is helpful to understand the size of the program.
- \*Credits Required: Total credits required to earn the associate degree at the institution when the agreement was signed.
- \*MTA: The extent to which all of the MTA is included in the program, some of the MTA is included in the program, or none of the MTA is included in the program when the agreement was signed.

\*These fields are included in the draft agreement to help participating community colleges and universities understand the number of graduates, associate degree program requirements, and the extent to which MTA requirements are embedded within the associate degree program requirements. These fields will be removed before we publish the final agreement.

INSTITUTION	CIP CODE	CIP PROGRAM NAME	INSTITUTION'S PROGRAM NAME	2020-21 AWARDS*	CREDITS REQUIRED*	MTA*
Alpena Community College	15.1302	CAD/CADD DRAFTING AND/OR DESIGN TECHNOLOGY/TECHNICIAN.	CADD	3	60	SOME
Alpena Community College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Criminal Justice	11	63	SOME
Alpena Community College	47.0604	AUTOMOBILE/AUTOMOTIVE MECHANICS TECHNOLOGY/TECHNICIAN.	Automotive	2	62	SOME
Alpena Community College	48.0501	MACHINE TOOL TECHNOLOGY/MACHINIST.	Machine Tool	2	63	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Alpena Community College	48.0507	TOOL AND DIE TECHNOLOGY/TECHNICIAN.	Machine Tool	1	63	SOME
Alpena Community College	48.0508	WELDING TECHNOLOGY/WELDER.	Welding	5	62	SOME
Bay de Noc Community College	15.0506	WATER QUALITY AND WASTEWATER TREATMENT MANAGEMENT AND RECYCLING TECHNOLOGY/TECHNICIAN.	Water Resource Management, AAS	6	69	SOME
Bay de Noc Community College	15.0507	ENVIRONMENTAL/ENVIRONMENTAL ENGINEERING TECHNOLOGY/TECHNICIAN.	Environmental Management, AAS	3	64	SOME
Bay de Noc Community College	19.0708	CHILD CARE AND SUPPORT SERVICES MANAGEMENT.	Early Childhood Education, AAS	6	60	SOME
Bay de Noc Community College	43.0104	CRIMINAL JUSTICE/SAFETY STUDIES.	Criminal Justice, AAS	8	60	SOME
Bay de Noc Community College	47.0604	AUTOMOBILE/AUTOMOTIVE MECHANICS TECHNOLOGY/TECHNICIAN.	Automotive Technology, AAS	2	68	SOME
Delta College	9.0401	JOURNALISM.	AAA Journalism & Integrated Media	1	63	All
Delta College	12.0412	SALON/BEAUTY SALON MANAGEMENT/MANAGER.	ABS Cosmetology Management	2	62	SOME
Delta College	15.0506	WATER QUALITY AND WASTEWATER TREATMENT MANAGEMENT AND RECYCLING TECHNOLOGY/TECHNICIAN.	AAS Water and Water Treatment Technology	1	66	SOME
Delta College	15.0613	MANUFACTURING ENGINEERING TECHNOLOGY/TECHNICIAN.	AAS Manufacturing Industrial Technology	1	65	SOME
Delta College	15.0805	MECHANICAL/MECHANICAL ENGINEERING TECHNOLOGY/TECHNICIAN.	AAS Mechanical Engineering Technology	3	71	SOME
Delta College	15.1001	CONSTRUCTION ENGINEERING TECHNOLOGY/TECHNICIAN.	AAS Construction Management	3	72	SOME
Delta College	19.0709	CHILD CARE PROVIDER/ASSISTANT.	AAA Child Development	6	67	SOME
Delta College	41.0301	CHEMICAL TECHNOLOGY/TECHNICIAN.	AAS Chemical Technology	3	62	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Delta College	43.0102	CORRECTIONS.	AAA Criminal Justice - Corrections	1	62	SOME
Delta College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	AAA Criminal Justice - Law Enforcement -Basic Police Training	16	66	SOME
Delta College	43.0201	FIRE PREVENTION AND SAFETY TECHNOLOGY/TECHNICIAN.	AAS Fires Science Technology	2	62	SOME
Delta College	46.0302	ELECTRICIAN.	AAS Electrician	3	63	SOME
Delta College	46.0499	BUILDING/CONSTRUCTION FINISHING, MANAGEMENT, AND INSPECTION, OTHER.	AAS Residential Construction	1	72	SOME
Delta College	48.0508	WELDING TECHNOLOGY/WELDER.	AAS Welding Engineering Technology	2	74	SOME
Delta College	50.0702	FINE/STUDIO ARTS, GENERAL.	AFA Art + Design	4	63	SOME
Glen Oaks Community College	1.0102	AGRIBUSINESS/AGRICULTURAL BUSINESS OPERATIONS.	Associate of Applied Science in Agricultural Operations - MSU	0	68	ALL
Glen Oaks Community College	1.0102	AGRIBUSINESS/AGRICULTURAL BUSINESS OPERATIONS.	Associate of Science in Agricultural Operations - MSU	0	68-69	ALL
Glen Oaks Community College	1.0205	AGRICULTURAL MECHANICS AND EQUIPMENT/MACHINE TECHNOLOGY/TECHNICIAN	Associate of Applied Science in Agricultural Equipment Technology	6	61-63	SOME
Glen Oaks Community College	43.0103	CRIMINAL JUSTICE/LAW ENFORCEMENT ADMINISTRATION	Associate of Applied Science in Criminal Justice	2	60	SOME
Glen Oaks Community College	50.0406	COMMERCIAL PHOTOGRAPHY	Associate of Arts in Visual Arts Degree: Emphasis in Commercial Photography	0	64	SOME
Glen Oaks Community College	50.0409	GRAPHIC DESIGN.	Associate of Arts in Visual Arts Degree: Emphasis in Graphic Design	5	65	SOME
Glen Oaks Community College	50.0702	Fine/Studio Arts, General	Associate of Arts in Visual Arts Degree: Emphasis in Fine Arts	1	60	SOME
Gogebic Community College	3.0511	FOREST TECHNOLOGY/TECHNICIAN.	Forestry Technology	3	66	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Gogebic Community College	13.121	EARLY CHILDHOOD EDUCATION AND TEACHING.	Early Childhood Education	4	64-65	SOME
Gogebic Community College	15.1001	CONSTRUCTION ENGINEERING TECHNOLOGY/TECHNICIAN.	Construction Technology	2	66-67	NONE
Gogebic Community College	15.1306	MECHANICAL DRAFTING AND MECHANICAL DRAFTING CAD/CADD.	Mechanical Engineering Technology	3	67	SOME
Gogebic Community College	31.0301	PARKS, RECREATION, AND LEISURE FACILITIES MANAGEMENT, GENERAL.	Ski Area Management	5	64-68	NONE
Gogebic Community College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Criminal Justice	3	64-67	SOME
Grand Rapids Community College	4.0901	ARCHITECTURAL TECHNOLOGY/TECHNICIAN.	Architectural Technology	5	60	SOME
Grand Rapids Community College	10.0203	RECORDING ARTS TECHNOLOGY/TECHNICIAN.	Recording Technology	5	64	SOME
Grand Rapids Community College	12.0503	CULINARY ARTS/CHEF TRAINING.	Culinary Arts	27	67	SOME
Grand Rapids Community College	13.1501	TEACHER ASSISTANT/AIDE.	Paraprofessional Education	1	60	SOME
Grand Rapids Community College	15.0303	ELECTRICAL, ELECTRONIC, AND COMMUNICATIONS ENGINEERING TECHNOLOGY/TECHNICIAN.	Electronics Engineering Technology	8	60	SOME
Grand Rapids Community College	15.0406	AUTOMATION ENGINEER TECHNOLOGY/TECHNICIAN.	Electrical Controls Engineering Technology	14	60	SOME
Grand Rapids Community College	15.0607	PLASTICS AND POLYMER ENGINEERING TECHNOLOGY/TECHNICIAN.	Plastics-Polymer Engineering Technology	5	61	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Grand Rapids Community College	15.1306	MECHANICAL DRAFTING AND MECHANICAL DRAFTING CAD/CADD.	Mechanical Design	26	60	SOME
Grand Rapids Community College	19.0708	CHILD CARE AND SUPPORT SERVICES MANAGEMENT.	Child Development (MTA Eligible)	32	64	SOME
Grand Rapids Community College	19.0708	CHILD CARE AND SUPPORT SERVICES MANAGEMENT.	Child Development	32	64	ALL
Grand Rapids Community College	43.0102	CORRECTIONS.	Corrections	3	61	SOME
Grand Rapids Community College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Law Enforcement	28	64	SOME
Grand Rapids Community College	43.011	JUVENILE CORRECTIONS.	Juvenile Services	6	60	SOME
Grand Rapids Community College	47.0201	HEATING, AIR CONDITIONING, VENTILATION AND REFRIGERATION MAINTENANCE TECHNOLOGY/TECHNICIAN.	Heating, Ventilation, and Air Conditioning/Refrigeration Technology	9	60	SOME
Grand Rapids Community College	47.0303	INDUSTRIAL MECHANICS AND MAINTENANCE TECHNOLOGY/TECHNICIAN.	Industrial Maintenance Technology	5	60	SOME
Grand Rapids Community College	47.0604	AUTOMOBILE/AUTOMOTIVE MECHANICS TECHNOLOGY/TECHNICIAN.	Automotive Technology	8	63	SOME
Grand Rapids Community College	48.0501	MACHINE TOOL TECHNOLOGY/MACHINIST.	Tooling and Manufacturing Technology	14	60	SOME
Grand Rapids Community College	48.0508	WELDING TECHNOLOGY/WELDER.	Welding Technology	18	60	SOME
Grand Rapids Community College	50.0605	PHOTOGRAPHY.	Photography	3	60	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Grand Rapids Community College	50.0702	FINE/STUDIO ARTS, GENERAL.	Fine Arts	18	61	SOME
Henry Ford College	4.0901	ARCHITECTURAL TECHNOLOGY/TECHNICIAN.	Architecture/Construction Technology Associate in Applied Science	7	63	SOME
Henry Ford College	12.0503	CULINARY ARTS/CHEF TRAINING.	Culinary Arts Associate in Applied Science	13	71	SOME
Henry Ford College	13.121	EARLY CHILDHOOD EDUCATION AND TEACHING.	Associate in Arts Children and Families	16	63	SOME
Henry Ford College	15.0303	ELECTRICAL, ELECTRONIC, AND COMMUNICATIONS ENGINEERING TECHNOLOGY/TECHNICIAN.	Electrical Engineering Technology Associate in Applied Science	15	65	SOME
Henry Ford College	15.0699	INDUSTRIAL PRODUCTION TECHNOLOGIES/TECHNICIANS, OTHER.	Industrial Technology General Studies Associate in Applied Science	2	60	SOME
Henry Ford College	15.0805	MECHANICAL/MECHANICAL ENGINEERING TECHNOLOGY/TECHNICIAN.	Engineering Technology-Mechanical Associate in Applied Science	1	60	SOME
Henry Ford College	15.1302	CAD/CADD DRAFTING AND/OR DESIGN TECHNOLOGY/TECHNICIAN.	CAD Technology-Industrial Drafting Associate in Applied Science	16	62	SOME
Henry Ford College	43.0103	CRIMINAL JUSTICE/LAW ENFORCEMENT ADMINISTRATION.	Criminal Justice-Law Enforcement Associate in Arts	24	60	SOME
Henry Ford College	47.0105	INDUSTRIAL ELECTRONICS TECHNOLOGY/TECHNICIAN.	Industrial Technology General Studies Associate in Applied Science	15	60	SOME
Henry Ford College	47.0303	INDUSTRIAL MECHANICS AND MAINTENANCE TECHNOLOGY/TECHNICIAN.	Mechatronics Technology Associate in Applied Science	5	60	SOME
Henry Ford College	47.0604	AUTOMOBILE/AUTOMOTIVE MECHANICS TECHNOLOGY/TECHNICIAN.	Automotive Technology Associate in Applied Science	9	65	SOME
Henry Ford College	48.0508	WELDING TECHNOLOGY/WELDER.	Welding Associate in Applied Science	1	63	SOME
Henry Ford College	50.0408	INTERIOR DESIGN.	Interior Design Associate in Applied Science	10	60	SOME
Henry Ford College	50.0702	FINE/STUDIO ARTS, GENERAL.	Studio Art Associate in Fine Arts	1	62	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Jackson College	1.0101	AGRICULTURAL BUSINESS AND MANAGEMENT, GENERAL.	Agriculture Technology-AGTE.AAS	1	62	SOME
Jackson College	3.0104	ENVIRONMENTAL SCIENCE.	Environmental Science-ENSC.AAS	4	60	SOME
Jackson College	15.0613	MANUFACTURING ENGINEERING TECHNOLOGY/TECHNICIAN.	Advanced Manufacturing-ADMA.AAS	16	61	SOME
Jackson College	24.0102	GENERAL STUDIES	Occupational Studies-OCST.AAS	N/A	60	SOME
Jackson College	43.0102	CORRECTIONS.	Corrections-CORR.AAS	2	60	SOME
Jackson College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Law Enforcement-LAEN.AAS	16	63	SOME
Jackson College	46.0302	ELECTRICIAN.	Electrician-ELEC.AAS	3	63	SOME
Jackson College	50.0409	GRAPHIC DESIGN.	Graphic Design-GRDE.AAS	1	60	SOME
Kellogg Community College	1	AGRICULTURE, GENERAL.	Associate Degree Agricultural Science	2	60	SOME
Kellogg Community College	19.0708	CHILD CARE AND SUPPORT SERVICES MANAGEMENT.	Applied Early Childhood Education	25	63	SOME
Kellogg Community College	43.0102	CORRECTIONS.	Applied Corrections	1	60	SOME
Kellogg Community College	43.0103	CRIMINAL JUSTICE/LAW ENFORCEMENT ADMINISTRATION.	Applied Criminal Justice/Law Enforcement Administration	17	62-65	SOME
Kellogg Community College	46.0302	INDUSTRIAL ELECTRICITY AND ELECTRONICS	Applied Industrial Electricity and Electronics	2	60	SOME
Kellogg Community College	46.0502	INDUSTRIAL PIPEFITTING	Applied Industrial Pipefitting		60	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Kellogg Community College	47.0201	HEATING, AIR CONDITIONING, VENTILATION AND REFRIGERATION MAINTENANCE TECHNOLOGY/TECHNICIAN.	Applied Industrial HVAC and Refrigeration		60	SOME
Kellogg Community College	48.0501	INDUSTRIAL MACHINING TECHNOLOGY	Applied Industrial Machining Technology		60	SOME
Kellogg Community College	48.0501	MACHINE TOOL TECHNOLOGY/MACHINIST.	Applied Machine Tool Technology/Machinist	2	60	SOME
Kellogg Community College	48.0508	WELDING TECHNOLOGY/WELDER.	Applied Welding Technology/Welder	6	60	SOME
Kellogg Community College	50.0409	GRAPHIC DESIGN.	Applied Graphic Design	10	61	SOME
Kirtland Community College	12.0401	COSMETOLOGY/COSMETOLOGIST, GENERAL.	Cosmetology	2	60	SOME
Kirtland Community College	15.0303	ELECTRICAL, ELECTRONIC, AND COMMUNICATIONS ENGINEERING TECHNOLOGY/TECHNICIAN.	Electrician	7	61	SOME
Kirtland Community College	15.0403	ELECTROMECHANICAL/ELECTROMECHANICAL ENGINEERING TECHNOLOGY/TECHNICIAN.	Industrial Automation and Controls Technology	6	64	SOME
Kirtland Community College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Criminal Justice Pre-Service	8	67	SOME
Kirtland Community College	47.0201	HEATING, AIR CONDITIONING, VENTILATION AND REFRIGERATION MAINTENANCE TECHNOLOGY/TECHNICIAN.	Heating, Ventilation, AC, Refrigeration	2	60	SOME
Kirtland Community College	47.0604	AUTOMOBILE/AUTOMOTIVE MECHANICS TECHNOLOGY/TECHNICIAN.	Automotive Technology	1	67	SOME
Kirtland Community College	48.0508	WELDING TECHNOLOGY/WELDER.	Welding & Fabricating	6	60	SOME



## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Lake Michigan College	1.1004	VITICULTURE AND ENOLOGY.	Wine & Viticulture Technology	6	60	SOME
Lake Michigan College	12.0504	RESTAURANT, CULINARY, AND CATERING MANAGEMENT/MANAGER.	Culinary Management	3	63	SOME
Lake Michigan College	13.0101	EDUCATION, GENERAL.	Teacher Education	6	60	ALL
Lake Michigan College	15	ENGINEERING TECHNOLOGIES/TECHNICIANS, GENERAL.	Engineering Technology	2	70	SOME
Lake Michigan College	19.0706	CHILD DEVELOPMENT.	Child Development	2	60	SOME
Lake Michigan College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Criminal Justice	3	60	SOME
Lake Michigan College	48.0501	MACHINE TOOL TECHNOLOGY/MACHINIST.	Machine Tool Technology	2	60	SOME
Lake Michigan College	48.0508	WELDING TECHNOLOGY/WELDER.	Welding Production Technology	4	60	SOME
Lake Michigan College	48.9999	PRECISION PRODUCTION, OTHER.	General Technology/Skilled Trades Technology	8	60	SOME
Lake Michigan College	50.0409	GRAPHIC DESIGN.	Graphic Design	5	60	ALL
Macomb Community College	09.0101	SPEECH COMMUNICATION & RHETORIC	Speech Communication Arts, AAS	0	64	SOME
Macomb Community College	12.0501	BAKING AND PASTRY ARTS/BAKER/PASTRY CHEF.	Pastry Arts, AAS	5	63	SOME
Macomb Community College	12.0503	CULINARY ARTS/CHEF TRAINING.	Culinary Arts, AAS	12	62	SOME
Macomb Community College	12.0504	RESTAURANT, CULINARY, AND CATERING MANAGEMENT/MANAGER.	Restaurant Management, AAS	1	62	SOME
Macomb Community College	15.0201	CIVIL ENGINEERING TECHNOLOGY/TECHNICIANS	Civil Technology, AAS	0	60	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Macomb Community College	15.0303	ELECTRICAL, ELECTRONIC, AND COMMUNICATIONS ENGINEERING TECHNOLOGY/TECHNICIAN.	Electronic Engineering Technology, AAS	5	62	SOME
Macomb Community College	15.0407	MECHATRONICS, ROBOTICS, AND AUTOMATION ENGINEERING TECHNOLOGY/TECHNICIAN.	Automated Systems Technology-Mechatronics, AAS	13	62	SOME
Macomb Community College	15.0501	HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION ENGINEERING TECHNOLOGY/TECHNICIAN.	Climate Control Technology, AAS	15	62	SOME
Macomb Community College	15.0613	MANUFACTURING ENGINEERING TECHNOLOGY/TECHNICIAN.	Manufacturing Engineering Technology, AAS	37	62	SOME
Macomb Community College	15.1001	CONSTRUCTION ENGINEERING TECHNOLOGY/TECHNICIAN.	Construction Management, AAS	9	62	SOME
Macomb Community College	15.1303	ARCHITECTURAL DRAFTING AND ARCHITECTURAL CAD/CADD.	Architectural Technology, AAS	7	62	SOME
Macomb Community College	15.1307	3-D MODELING AND DESIGN TECHNOLOGY/TECHNICIAN.	Product Development-Digital Sculpter, AAS	8	60	SOME
Macomb Community College	15.1399	DRAFTING/DESIGN ENGINEERING TECHNOLOGIES/TECHNICIANS/OTHER	Product Development, AAS	17	65	SOME
Macomb Community College	15.1701	ENERGY SYSTEMS TECHNOLOGY/TECHNICIAN	Building Performance & Energy Management, AAS	0	62	SOME
Macomb Community College	19.0708	CHILD CARE AND SUPPORT SERVICES MANAGEMENT.	Education: Early Childhood Studies, AAS	25	62	SOME
Macomb Community College	43.0103	CRIMINAL JUSTICE/LAW ENFORCEMENT ADMINISTRATION.	Law Enforcement, AAS	30	63	SOME
Macomb Community College	43.0104	CRIMINAL JUSTICE/SAFETY STUDIES.	Homeland Security, AAS	9	63	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Macomb Community College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Law Enforcement with Police Academy, AAS	17	66	SOME
Macomb Community College	43.0203	FIRE SCIENCE/FIRE-FIGHTING.	Fire & Emergency Medical Services Technology, AAS	5	66	SOME
Macomb Community College	44.0701	SOCIAL WORK.	Pre-Social Work, AA	11	62	ALL
Macomb Community College	47.0303	PRECISION SYSTEMS MAINTENANCE AND REPAIR TECHNOLOGIES/TECHNICIANS, OTHER.	Maintenance Technology, AAS – Skilled Trades	7	62	SOME
Macomb Community College	47.0604	AUTOMOBILE/AUTOMOTIVE MECHANICS TECHNOLOGY/TECHNICIAN.	Automotive Technology, AAS	12	69	SOME
Macomb Community College	47.0604	AUTOMOBILE/AUTOMOTIVE MECHANICS TECHNOLOGY/TECHNICIAN	Automotive Technology-Automotive Service Educational Program (GM-ASEP), AAS	19	77	SOME
Macomb Community College	47.0604	AUTOMOBILE/AUTOMOTIVE MECHANICS TECHNOLOGY/TECHNICIAN	Automotive Technology-Vehicle Engineering Technician, AAS	0	65	SOME
Macomb Community College	50.0402	COMMERCIAL AND ADVERTISING ART.	Media & Communication Arts-3D Animation, AAS	10	75	SOME
Macomb Community College	50.0402	COMMERCIAL AND ADVERTISING ART.	Media & Communication Arts-Collaborative Media, AAS	3	75	SOME
Macomb Community College	50.0402	COMMERCIAL AND ADVERTISING ART.	Media & Communication Arts-Creative Imaging & Illustration, AAS	8	75	SOME
Macomb Community College	50.0402	COMMERCIAL AND ADVERTISING ART.	Media & Communication Arts-Design & Layout, AAS	14	75	SOME
Macomb Community College	50.0402	COMMERCIAL AND ADVERTISING ART.	Media & Communication Arts-Interactive Web Media, AAS	4	75	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Macomb Community College	50.0402	COMMERCIAL AND ADVERTISING ART.	Media & Communication Arts- Motion Design, AAS	7	75	SOME
Macomb Community College	50.0402	COMMERCIAL AND ADVERTISING ART.	Media & Communication Arts- Photography, AAS	11	75	SOME
Macomb Community College	50.0402	COMMERCIAL AND ADVERTISING ART.	Media & Communication Arts- Video Production, AAS	8	75	SOME
Mid Michigan College	13.121	EARLY CHILDHOOD EDUCATION AND TEACHING.	Early Childhood Education	6	62	SOME
Mid Michigan College	15.0613	MANUFACTURING ENGINEERING TECHNOLOGY/TECHNICIAN.	Advanced Manufacturing - Automation	2	62	SOME
Mid Michigan College	15.1306	MECHANICAL DRAFTING AND MECHANICAL DRAFTING CAD/CADD.	Computer Aided Drafting	10	64	SOME
Mid Michigan College	43.0102	CORRECTIONS.	Criminal Justice - State Corrections	1	64	SOME
Mid Michigan College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Criminal Justice - Pre Service	8	64	SOME
Mid Michigan College	47.0201	HEATING, AIR CONDITIONING, VENTILATION AND REFRIGERATION MAINTENANCE TECHNOLOGY/TECHNICIAN.	HRA/Facilities	1	62	SOME
Mid Michigan College	47.0604	AUTOMOBILE/AUTOMOTIVE MECHANICS TECHNOLOGY/TECHNICIAN.	Auto & Diesel Service	2	63	SOME
Mid Michigan College	50.0409	GRAPHIC DESIGN.	Graphic Design	5	66	SOME
Monroe County Community College	13.121	EARLY CHILDHOOD EDUCATION AND TEACHING.	Early Childhood Education	1	60	SOME
Monroe County Community College	13.1501	TEACHER ASSISTANT/AIDE.	Elementary Education	1	60	SOME
Monroe County	15.0399	ELECTRICAL/ELECTRONIC ENGINEERING TECHNOLOGIES/TECHNICIANS, OTHER.	Electrical Engineering Technology	8	66	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Community College						
Monroe County Community College	15.0803	AUTOMOTIVE ENGINEERING TECHNOLOGY/TECHNICIAN.	Automotive Engineering Technology	2	61-62	SOME
Monroe County Community College	15.0805	MECHANICAL/MECHANICAL ENGINEERING TECHNOLOGY/TECHNICIAN.	Mechanical Engineering Technology	1	66-68	SOME
Monroe County Community College	15.1001	CONSTRUCTION ENGINEERING TECHNOLOGY/TECHNICIAN.	Construction Management Technology	2	66	SOME
Monroe County Community College	15.1306	MECHANICAL DRAFTING AND MECHANICAL DRAFTING CAD/CADD.	Mechanical Design Technology	2	61-62	SOME
Monroe County Community College	15.1401	NUCLEAR ENGINEERING TECHNOLOGY/TECHNICIAN.	Nuclear Engineering Technology	3	68-69	SOME
Monroe County Community College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Criminal Justice	7	61-62	SOME
Monroe County Community College	47.0604	AUTOMOBILE/AUTOMOTIVE MECHANICS TECHNOLOGY/TECHNICIAN.	Automotive Service Technology	1	63	SOME
Monroe County Community College	48.0508	WELDING TECHNOLOGY/WELDER.	Welding Technology	4	64	SOME
Monroe County	50.0409	GRAPHIC DESIGN.	Graphic Design	4	60-61	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Community College						
Monroe County Community College	50.0702	FINE/STUDIO ARTS, GENERAL.	Fine Arts	2	61-62	SOME
Montcalm Community College	13.121	EARLY CHILDHOOD EDUCATION AND TEACHING.	Early Childhood Education	6	60	SOME
Montcalm Community College	13.1501	TEACHER ASSISTANT/AIDE.	Education Support	1	60	SOME
Montcalm Community College	15.0303	ELECTRICAL, ELECTRONIC, AND COMMUNICATIONS ENGINEERING TECHNOLOGY/TECHNICIAN.	Engineering Technology	2	60	SOME
Montcalm Community College	15.0405	ROBOTICS TECHNOLOGY/TECHNICIAN.	Industrial Automation Maintenance	1	66	SOME
Montcalm Community College	43.0102	CORRECTIONS.	Criminal Justice	4	61	SOME
Montcalm Community College	48	PRECISION PRODUCTION TRADES, GENERAL.	Technical Design in Manufacturing	1	60	SOME
Montcalm Community College	48.0508	WELDING TECHNOLOGY/WELDER.	Welding	2	60	SOME
Montcalm Community College	50.0605	PHOTOGRAPHY.	Digital Arts	2	60	SOME
Muskegon Community College	9.0701	RADIO AND TELEVISION.	Broadcasting & Multimedia/Technical	1	62	SOME
Muskegon Community College	13.121	EARLY CHILDHOOD EDUCATION AND TEACHING.	Child Development Associate	12	62	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Muskegon Community College	15	ENGINEERING TECHNOLOGIES/TECHNICIANS, GENERAL.	Engineering Technology	1	60	SOME
Muskegon Community College	15.0303	ELECTRICAL, ELECTRONIC, AND COMMUNICATIONS ENGINEERING TECHNOLOGY/TECHNICIAN.	Electronics Engineering Technology	5	62	SOME
Muskegon Community College	15.0401	BIOMEDICAL TECHNOLOGY/TECHNICIAN.	Biomedical Engineering Technology	2	62	SOME
Muskegon Community College	15.0612	INDUSTRIAL TECHNOLOGY/TECHNICIAN.	Manufacturing Technology	3	60	SOME
Muskegon Community College	15.1302	CAD/CADD DRAFTING AND/OR DESIGN TECHNOLOGY/TECHNICIAN.	Computer-Aided Drafting & Design	3	60	SOME
Muskegon Community College	43.0102	CORRECTIONS.	Criminal Justice /Corrections	1	62	SOME
Muskegon Community College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Criminal Justice /Law Enforcement	4	62	SOME
Muskegon Community College	47.0604	AUTOMOBILE/AUTOMOTIVE MECHANICS TECHNOLOGY/TECHNICIAN.	Automotive Technology	5	60	SOME
Muskegon Community College	48.0503	MACHINE SHOP TECHNOLOGY/ASSISTANT.	Machining Technology	2	60	SOME
Muskegon Community College	48.0508	WELDING TECHNOLOGY/WELDER.	Welding Technology	1	62	SOME
Muskegon Community College	48.051	COMPUTER NUMERICALLY CONTROLLED (CNC) MACHINIST TECHNOLOGY/CNC MACHINIST.	CAD/CNC	2	60	SOME
Muskegon Community College	50.0409	GRAPHIC DESIGN.	Graphic Design	9	62	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

North Central Michigan College	43.0103	CRIMINAL JUSTICE/LAW ENFORCEMENT ADMINISTRATION.	CJ - Law Enforcement w/ KCC (AAS) <i>OR</i> CJ - Law Enforcement w/ NMC (AAS)	5	63 (KCC) or 67 (NMC)	SOME
North Central Michigan College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Criminal Justice (AAS)	2	60	SOME
North Central Michigan College	52.0401	ADMINISTRATIVE ASSISTANT AND SECRETARIAL SCIENCE, GENERAL.	Office Administrative Services (AAS) <i>OR</i> Office Administrative Services Medical Office Emphasis (AAS)	3	60	SOME
Northwestern Michigan College	12.0503	CULINARY ARTS/CHEF TRAINING.	Culinary Arts AAS	6	66	SOME
Northwestern Michigan College	15	ENGINEERING TECHNOLOGIES/TECHNICIANS, GENERAL.	Engineering Technology AAS	19	60	SOME
Northwestern Michigan College	15.0613	MANUFACTURING ENGINEERING TECHNOLOGY/TECHNICIAN.	Manufacturing Technology AAS	6	60	SOME
Northwestern Michigan College	15.1102	SURVEYING TECHNOLOGY/SURVEYING.	Surveying AAS	3	64	SOME
Northwestern Michigan College	19.0706	CHILD DEVELOPMENT.	Early Childhood Education AAS	14	60	SOME
Northwestern Michigan College	46.0412	BUILDING/CONSTRUCTION SITE MANAGEMENT/MANAGER.	Construction Management AAS	4	60	SOME
Northwestern Michigan College	48.0508	WELDING TECHNOLOGY/WELDER.	Welding Technology AAS	1	61	SOME
Northwestern Michigan College	49.0102	AIRLINE/COMMERCIAL/PROFESSIONAL PILOT AND FLIGHT CREW.	Aviation AAS	23	64	SOME



## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Oakland Community College	12.0503	CULINARY ARTS/CHEF TRAINING.	Culinary Arts	6	68	SOME
Oakland Community College	15.0405	ROBOTICS TECHNOLOGY/TECHNICIAN.	Robotics/Automated Systems Technology	11	62	SOME
Oakland Community College	15.0501	HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION ENGINEERING TECHNOLOGY/TECHNICIAN.	Heating, Ventilation, Air Conditioning and Refrigeration Technician Option	9	64	SOME
Oakland Community College	15.0612	INDUSTRIAL TECHNOLOGY/TECHNICIAN.	Industrial Technology - Technical Apprentice/Skilled Trades	1	62	SOME
Oakland Community College	15.1306	MECHANICAL DRAFTING AND MECHANICAL DRAFTING CAD/CADD.	CAD and Engineering Technology	24	62-63	SOME
Oakland Community College	16.1603	SIGN LANGUAGE INTERPRETATION AND TRANSLATION.	Sign Language Interpreter	23	62	SOME
Oakland Community College	19.0708	CHILD CARE AND SUPPORT SERVICES MANAGEMENT.	Early Childhood Education	25	60	SOME
Oakland Community College	22.0302	LEGAL ASSISTANT/PARALEGAL.	Paralegal	28	62	SOME
Oakland Community College	25.0301	LIBRARY AND ARCHIVES ASSISTING.	Library Services and Technology	3	61	SOME
Oakland Community College	41.9999	SCIENCE TECHNOLOGIES/TECHNICIANS, OTHER.	Technological Sciences	94	62	SOME
Oakland Community College	43.0102	CORRECTIONS.	Criminal Justice - Corrections	1	63	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Oakland Community College	43.0103	CRIMINAL JUSTICE/LAW ENFORCEMENT ADMINISTRATION.	Criminal Justice - Law Enforcement	26	61	SOME
Oakland Community College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Criminal Justice - Crime Scene Investigation	8	62	SOME
Oakland Community College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Criminal Justice - Generalist	8	61	ALL
Oakland Community College	43.0203	FIRE SCIENCE/FIRE-FIGHTING.	Fire Fighter Technology	3	62	SOME
Oakland Community College	47.0302	HEAVY EQUIPMENT MAINTENANCE TECHNOLOGY/TECHNICIAN	Heavy Equipment Repair	0	61	SOME
Oakland Community College	47.0604	AUTOMOBILE/AUTOMOTIVE MECHANICS TECHNOLOGY/TECHNICIAN.	Automobile Servicing	4	61	SOME
Oakland Community College	48.0599	PRECISION METAL WORKING, OTHER.	Machine Tool Technology - Numerical Control Technology	3	61	SOME
Oakland Community College	50.0408	INTERIOR DESIGN.	Interior Design	13	62	SOME
Oakland Community College	50.0409	GRAPHIC DESIGN.	Graphic Design	28	65	SOME
Oakland Community College	50.0605	PHOTOGRAPHY.	Photographic Technology	5	62	SOME
Schoolcraft College	12.0503	CULINARY ARTS/CHEF TRAINING.	Culinary Arts	28	60	SOME
Schoolcraft College	15	ENGINEERING TECHNOLOGIES/TECHNICIANS, GENERAL.	Engineering Technology	3	60	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Schoolcraft College	19.0706	CHILD DEVELOPMENT.	Early Childhood	5	60	SOME
Schoolcraft College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Criminal Justice	49	60	SOME
Schoolcraft College	43.0203	FIRE SCIENCE/FIRE-FIGHTING.	Fire	3	60	SOME
Schoolcraft College	43.9999	HOMELAND SECURITY, LAW ENFORCEMENT, FIREFIGHTING AND RELATED PROTECTIVE SERVICES, OTHER.	Homeland Security	6	60	SOME
Schoolcraft College	52.0101	BUSINESS/COMMERCE, GENERAL.	General Business	19	60	SOME
Southwestern Michigan College	1.0301	AGRICULTURAL PRODUCTION OPERATIONS, GENERAL.	Agriculture Technology	3	60	SOME
Southwestern Michigan College	13.121	EARLY CHILDHOOD EDUCATION AND TEACHING.	Early Childhood Education	4	60	SOME
Southwestern Michigan College	14.0101	ENGINEERING, GENERAL.	Engineering Technology	5	60	ALL
Southwestern Michigan College	15.0406	AUTOMATION ENGINEER TECHNOLOGY/TECHNICIAN.	Robotics	5	60	SOME
Southwestern Michigan College	43.0104	CRIMINAL JUSTICE/SAFETY STUDIES.	Criminal Justice	8	60	ALL
Southwestern Michigan College	46.0201	CARPENTRY/CARPENTER.	Construction Trades Green Technology	7	60	SOME
Southwestern Michigan College	47.0303	INDUSTRIAL MECHANICS AND MAINTENANCE TECHNOLOGY/TECHNICIAN.	Industrial Technology	3	60	SOME
Southwestern Michigan College	47.0604	AUTOMOBILE/AUTOMOTIVE MECHANICS TECHNOLOGY/TECHNICIAN.	Automotive Technology	4	60	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Southwestern Michigan College	50.0409	GRAPHIC DESIGN.	Graphic Design	9	60	ALL
St. Clair County Community College	15.0303	ELECTRICAL, ELECTRONIC, AND COMMUNICATIONS ENGINEERING TECHNOLOGY/TECHNICIAN.	AAS Engineering Technology Electronics	7	63	SOME
St. Clair County Community College	15.0406	AUTOMATION ENGINEER TECHNOLOGY/TECHNICIAN.	AAS Engineering Technology Mechatronics	13	63	SOME
St. Clair County Community College	15.0613	MANUFACTURING ENGINEERING TECHNOLOGY/TECHNICIAN.	AAS Engineering Technology Precision Machining	8	62	SOME
St. Clair County Community College	15.0614	WELDING ENGINEERING TECHNOLOGY/TECHNICIAN.	AAS Engineering Technology Welding	3	62	SOME
St. Clair County Community College	15.1301	DRAFTING AND DESIGN TECHNOLOGY/TECHNICIAN, GENERAL.	AAS Engineering Technology Drafting/CAD	5	60	SOME
St. Clair County Community College	43.0103	CRIMINAL JUSTICE/LAW ENFORCEMENT ADMINISTRATION.	AAS Criminal Justice Generalist	27	62	SOME
St. Clair County Community College	50.0402	COMMERCIAL AND ADVERTISING ART.	AAS Graphic Design	4	62.5	SOME
Washtenaw Community College	9.0402	BROADCAST JOURNALISM.	Broadcast Media Arts	2	61	ALL
Washtenaw Community College	13.121	EARLY CHILDHOOD EDUCATION AND TEACHING.	Early Childhood Education	13	60	ALL
Washtenaw Community College	15.0699	INDUSTRIAL PRODUCTION TECHNOLOGIES/TECHNICIANS, OTHER.	Occupational Studies	69	60	SOME
Washtenaw Community College	19.0709	CHILD CARE PROVIDER/ASSISTANT.	Child Development	11	60	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Washtenaw Community College	23.1303	PROFESSIONAL, TECHNICAL, BUSINESS, AND SCIENTIFIC WRITING.	Technical Communication	2	60	ALL
Washtenaw Community College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Criminal Justice	6	60	ALL
Washtenaw Community College	46.0412	BUILDING/CONSTRUCTION SITE MANAGEMENT/MANAGER.	Construction Management	38	60	ALL
Washtenaw Community College	46.0502	PIPEFITTING/PIPEFITTER AND SPRINKLER FITTER.	Industrial Training	11	60-67	SOME
Washtenaw Community College	47.0201	HEATING, AIR CONDITIONING, VENTILATION AND REFRIGERATION MAINTENANCE TECHNOLOGY/TECHNICIAN.	Heating Ventilation Air Conditioning and Refrigeration	3	60	SOME
Washtenaw Community College	47.0604	AUTOMOBILE/AUTOMOTIVE MECHANICS TECHNOLOGY/TECHNICIAN.	Automotive Test Technician	31	60	SOME
Washtenaw Community College	48.0508	WELDING TECHNOLOGY/WELDER.	Welding Technology	13	66	SOME
Washtenaw Community College	50.0402	COMMERCIAL AND ADVERTISING ART.	Graphic Design	19	65	SOME
Washtenaw Community College	50.0602	CINEMATOGRAPHY AND FILM/VIDEO PRODUCTION.	Digital Video Production	16	61	ALL
Washtenaw Community College	50.0605	PHOTOGRAPHY.	Photographic Technology	6	62	SOME
Washtenaw Community College	50.0702	FINE/STUDIO ARTS, GENERAL.	Fine Arts	2	60	ALL
Wayne County Community College District	19.0708	CHILD CARE AND SUPPORT SERVICES MANAGEMENT	Early Childhood Education AAS	5	62	SOME

## MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

Wayne County Community College District	43.0102	CORRECTIONS	Criminal Justice: Corrections AAS	10	61	SOME
Wayne County Community College District	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE	Criminal Justice: Law Enforcement Administration AAS	6	61	SOME
West Shore Community College	13.1501	TEACHER ASSISTANT/AIDE.	Paraprofessional	1	61	SOME
West Shore Community College	19.0709	CHILD CARE PROVIDER/ASSISTANT.	Early Childhood Education	8	64	SOME
West Shore Community College	43.0107	CRIMINAL JUSTICE/POLICE SCIENCE.	Law Enforcement	4	67	SOME
West Shore Community College	48.0508	WELDING TECHNOLOGY/WELDER.	Welding Technology	7	64.5	SOME

# MIWORKFORCE PATHWAYS ARTICULATION AGREEMENT: GENERAL APPLIED SCIENCE

## APPENDIX B: PARTICIPATING BACHELOR'S DEGREE GRANTING INSTITUTIONS

INSTITUTION	INSTITUTION'S PROGRAM NAME
Baker College	Bachelor of General Studies
Davenport University	BAS-Applied Business
Davenport University	BAS-Integrative Professional Studies
Davenport University	BAS-Integrative Professional Studies-General Partnerships
Ferris State University	BS Integrative Studies
Grand Valley State University	Bachelor of Integrative Studies
Grand Valley State University	BAS - Leadership and Business Fundamentals
Grand Valley State University	BAS – Professional Innovation
Northwood University	Applied Business
Oakland University	Bachelor of Integrative Studies
Saginaw Valley State University	Bachelor of General Studies
Siena Heights University	Bachelor of Applied Science
Walsh College	Bachelor of Business Administration
Walsh College	Bachelor of Science in Applied Management