



To register for classes please use the new online system. www.academy4mfgcareers.com

If you need assistance with the online registration process please contact our office.

If you are trying to register after the deadline date you will not be able to register online, you will need to contact our office and register using a paper form and a late fee of \$50 will be charged.

If Michigan Works! is paying for your classes, you are responsible for making sure that your case worker receives a copy of the email you receive when registering for classes, or the paper registration form that you turn into the AMC. Please note that Michigan Works! does not pay for late fees, so if you are registering late you will receive an invoice for the \$50.

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Please be advised that students are only allowed one attempt at a test-out. If a student is unsuccessful they must take the class.

Mail: The Academy for Manufacturing Careers
2545 Spring Arbor Road, Suite 201, Jackson, MI 49203

Phone: 517-782-8268 **Fax:** 517-435-4126

E-mail: osteele@mijama.org or jama@mijama.org



the academy for manufacturing careers

PLEASE MAKE SURE TO READ ALL OF THE CLASS INFORMATION. SOME CLASSES WILL BE ONLINE, AND YOU WILL NEED TO BE SURE THAT YOU HAVE THE TECHNOLOGY REQUIRED FOR THE CLASS(ES).

PLEASE BE SURE TO READ THE SAFETY PRECAUTIONS AS WE WILL BE REQUIRED TO FOLLOW THESE PRECAUTIONS. IF FOR SOME REASON YOU CANNOT FOLLOW THE PRECAUTIONS, WE ASK THAT YOU DO NOT SIGN UP FOR CLASSES.

PLEASE BE SURE TO READ THE HEALTH QUESTIONNAIRE FORM. YOU WILL BE REQUIRED TO FILL THIS OUT EACH NIGHT YOU ARE ENTERING THE JACC BUILDING.



SAFETY PRECAUTIONS

This year has brought many challenges to our community. We have reviewed safety regulations, and state executive orders, and we are adding new safety precautions to the Academy for Manufacturing Careers courses, to protect students and staff. Please review and ensure that you understand these requirements prior to registering for classes.

If you or someone that lives within in your household is sick or exposed to anyone who is sick within 14 days prior to classes beginning, please notify us immediately. We will cancel your registration and refund your class fees.

Safety Precaution #1: Health assessments required upon arrival

Every evening, students will need to pass their health assessment prior to entering the building. This will include a series of questions and temperature check.

This assessment will take place at the door near the main office. Students will need to form a line remaining 6 feet away from each other. Students should have their health assessment filled out and ready to submit AFTER the temperature check (must be less than 100.4). We will begin the assessments at 4:45pm and you must be in line prior to 5:10pm to enter the building. If a student does not arrive prior to 5:10pm, they will NOT be allowed into the building.

We are asking that you be overly cautious, for the safety of everyone. If you are coughing or sneezing for any reason, please stay home to ensure the safety of students and staff.

Safety Precaution #2 Face masks are required

EVERYONE will be required to wear a mask in the building, classroom and lab at ALL times.

We are asking that you bring your own mask. Face Shields are allowed but you MUST have a face mask on as well.

Safety Precaution #3 Students will be expected to sanitize their stations

We are doing our part to stop the spread of germs by providing sanitizing supplies in the classrooms and labs and it is expected that students sanitize their work station at the end of each session. Our instructors will each have a bottle of cleaning spray and a bottle of hand sanitizer each night. Instructors will be required to ensure that students are cleaning their work stations.

We are also asking that individuals engage in frequent hand washing and/or the use of hand sanitizer if hand washing is not an option.

Safety Precaution #4 Smaller class sizes

We will be keeping our class sizes smaller than usual. It will be imperative that students sign up for classes as soon as they become available.

We are asking that students remain 6 feet apart from all other individuals.

Safety Precautions #5 Individual Gear

We are asking that students bring their own gear, safety glasses, welding helmets, welding jackets and welding gloves and proper work attire with them to class(es).



If you have your own tools that you would like to bring with you rather than use shared equipment, this will be allowed. However, JAMA/AMC and JACC **WILL NOT** be responsible for lost, stolen, or broken tools/equipment that a student bring with them.

Safety Precaution #6 No visitors will be allowed in the building

We will not have any visitors or anyone coming to a class to speak about the topic of your classes.

Safety Precaution #7 If a positive COVID-19 test occurs

If a student, staff or anyone a student or staff was exposed to (within 14 days) tests positive for COVID-19, we will notify students, and companies of those within the same class.

Safety Precaution #8 Food/drinks

We are asking that no food be brought into the career center, please eat prior to arrival. We will allow drinks that contain a lid (bottle with a lid, a cup with a seal closure etc.) to avoid anything spilling. We are asking that all containers that come into the building are labeled with your name or initials. All drinks must be thrown away or taken with you when you leave.

If students cannot adhere to the above COVID-19 Safety Policies, we are asking that they DO NOT sign up for classes.

Please be aware that these policies and procedures are subject to change at any time.



Attention: All Students
COVID-19 Health Screening Questionnaire

All Students entering the JACC/JCISD facility **MUST COMPLETE** the online form upon entry, unless you have already completed the form today. Please scan the QR code above to access the Online Form. You may also download the form at: <https://forms.gle/vLkSg26odKsgyo7u6>

Students without access to technology are to print the following pages and fill them out.

How to scan a QR code

- Open up the camera app on your Phone
- Hold the camera so the QR code is clearly visible
- Your device will recognize the code, and show you a notification
- Tap the notification to be taken to the online form of the QR code



COVID-19 JAMA/AMC Health Screening

This screening tool is subject to change based on the latest information on COVID-19

* Required

First and Last Name *

Your answer

Company Name *

Your answer

Phone Number *

Your answer

Time in *

Your answer

Date *

MM DD YYYY

__ / __ / ____

In the last 14 days, have you developed any of the following symptoms that are new/different/worse from baseline of any chronic illness: (check all that apply). If you check any of the below boxes you are not allowed to enter the JCISD/JACC building (except for none). *

- Uncontrolled cough
- Shortness of breath
- Difficulty breathing
- New olfactory disorder (change in smell)
- New taste disorder
- None

In the last 14 days, have you developed any of the following symptoms that are new/different/worse from baseline of any chronic illness: (check all that apply). If you check 2 or more of any of the following boxes, you are not allowed to enter the JCISD/JACC building (except for none). *

- Fever of 100.4° F or higher
- Muscle aches without another explanation
- Chills
- Sore throat
- Severe headache
- Nausea
- Vomiting
- Diarrhea
- Fatigue
- Congestion
- Runny Nose
- None

If your current temperature is 100.4 or higher, please do not enter the JCISD/JACC building. Self-isolate at home and contact your primary care physician's office for direction. You should isolate at home until you are fever free for at least 24 hours, your symptoms are improving, and it has been at least 10 days since symptoms first appeared or per guideline of your local health department or healthcare provider. If diagnosed as a probable COVID-19 or test positive, call your local health department and make them aware of your diagnosis or testing status. *

I understand

Temperature *

Your answer _____

In the past 14 days, have you: (check all that apply). If you check any of the boxes (other than none), please do not enter the JCISD/JACC building. Self-quarantine at home for 14 days. Contact your primary care physician's office if you have any symptoms or have had close contact with an individual for evaluation. After review by your health care provider, you may be released earlier to return. If you are given a probable diagnosis or test positive call your local health department to ensure they are aware. *

- Had close contact with an individual diagnosed with COVID-19?
- Been told by the health department or your healthcare provider to self-isolate or self-quarantine?
- Traveled by an airline out of state, taken a cruise, or traveled to a COVID-19 "hot spot" designated by the CDC by any mode of transportation?
- None

Acknowledgment *

- My answers above are accurate to the best of my knowledge.



**THE ACADEMY FOR MANUFACTURING CAREERS
MAY 2021**

REGISTRATION OPENS MARCH 22, 2021
REGISTRATION DEADLINE APRIL 16, 2021 @ 4:00PM

CLASS NAME	CNC Mill Theory & Programming	Welding II	Materials & Metallurgy-Online
PRE-REQUISITE	Precision Machining Methods	None	None
DESCRIPTION	This course introduces the students to the theories and basic programming fundamentals of the Computerized Numerical Controlled Mill process.	This is a welding course in GMAW (gas metal arc welding formally known as MIG welding) and GTAW (gas tungsten arc welding formally known as TIG welding) processes and techniques. Topics will include safety, use of equipment, power sources, shielding gases, filler metals, welding techniques, troubleshooting, weld defects and welding in the flat, vertical and horizontal positions.	This course will provide the student with a working knowledge of the properties, uses, and treatment methods used to alter the properties of commonly used metals and alloys. This knowledge may be applied to the design, selection, processing and testing of metal parts.
COURSE ID #	AMC 250	AMC 230	AMC 135
DATES	May 10,17,24 June 7,14,21,28	May 11,13,18,20,25,27 June 1,3,8,10,15,17,22,24, 29	Tour Pyrotech date: TBD Lab at JACC date: TBD
DAYS	Mondays	Tuesdays & Thursdays	Wednesdays
TIMES	5pm-9:30pm	5pm-9:15pm	N/A
LOCATION	JACC 6800 Browns Lake Rd Jackson, MI 49201	JACC 6800 Browns Lake Road Jackson, MI 49201	N/A
JAMA RATE	\$700	\$895	\$695
NON-MEMBER	\$800	\$995	\$795

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MAY 2021

REGISTRATION OPENS MARCH 22, 2021

REGISTRATION DEADLINE APRIL 16, 2021 @ 4:00PM

CLASS NAME	Drive Components & Bearings	Sheet Metal Basics	Machining Theory & Methods
PRE-REQUISITE	None	None	Basic Gauges & Measurement
DESCRIPTION	This course instructs students in the principles, applications, and maintenance of various types of bearings and mechanical couplings, including ball and roller, powdered metal, non-metallic, hydrostatic bearings, couplings, such as shear, torque limiting, floating and insulated, speed reducers, seals and gears.	This course covers the basic of sheet metal.	A basic course in machining theory and an introduction to the use of common tools and techniques in manufacturing. Topics introduced include: turning, boring, drilling, milling, grinding, use of hand tools, machine setup, preventative maintenance, and efficient operation of tools.
COURSE ID #	AMC 275	AMC 233	AMC 120
DATES	May 10,17,24 June 7,14,21,28	May 10,12,17,19,24,26 June 2,7,9,14,16,21,23, 28, 30	May 11,13,18,20,25,27 June 1,3,8,10,15,17,22,24, 29
DAYS	Mondays	Mondays & Wednesdays	Tuesdays & Thursdays
TIMES	5:00pm-9:30pm	5:00pm-9:15pm	5:00pm-9:15pm
LOCATION	JACC 6800 Browns Lake Rd Jackson, MI 49201	JACC 6800 Browns Lake Rd Jackson, MI 49201	JACC 6800 Browns Lake Rd Jackson, MI 49201
JAMA RATE	\$700	\$895	\$860
NON-MEMBER	\$800	\$995	\$960

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MAY 2021

REGISTRATION OPENS MARCH 22, 2021

REGISTRATION DEADLINE APRIL 16, 2021 @ 4:00PM

CLASS NAME	Algebra-Online	Basic Industrial PLC	Industrial Blueprint Reading-Online
PRE-REQUISITE	Basic Math	None	None
DESCRIPTION	Students will work with handbook formulas as well as computations required for practical application. Students will develop the ability to evaluate expressions and to express word statements as an algebraic problem.	This course is intended for individuals new to PLC programming. It is an overview of SLC and Micrologix hardware, communications, cabling, and system design. It introduces the student to RSLogix 500 and its features for ladder programming. The course also has instructor led labs that cover a variety of programming instructions used with SLC 500 and RSLogix 500 software, including examine on/off, output energize, latch and unlatch, timers, counters, math statements, comparisons, branching, etc.	This course will provide the student with a working knowledge and understanding of a variety of mechanical blueprints. Students will learn to recognize and identify symbols and specifications common to modern industrial blueprints. Topics will include: lines and symbols, views, form, position, title blocks, sketching, features, and sections.
COURSE ID #	AMC 113	AMC 265	AMC 100
DATES	Your instructor will email you with instructions for the class.	May 12,19,26 June 2,9,16,23,30	Your instructor will email you with instructions for the class.
DAYS	N/A	Wednesdays	N/A
TIMES	N/A	5:00pm-9:30pm	5:00pm-9:00pm
LOCATION	N/A	JACC 6800 Browns Lake Rd Jackson, MI 49201	JACC 6800 Browns Lake Rd Jackson, MI 49201
JAMA RATE	\$700	\$625	\$565
NON-MEMBER	\$800	\$725	\$665

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AUGUST 2021

REGISTRATION OPENS JULY 12, 2021

REGISTRATION DEADLINE AUGUST 6, 2021 @ 4:00PM

CLASS NAME	CNC Lathe Theory & Programming	Precision Machining Methods	Basic Industrial Electricity
PRE-REQUISITE	CNC Mill Theory & Programming	Machining Theory & Methods	None
DESCRIPTION	This course introduces the students to the theories and basic programming fundamentals of the Computerized Numerical Controlled Lathe process.	The basics of precision machining operations utilizing a variety of machine tools and related equipment. Topics include: operation and use of drill presses, lathes, power saws, grinders, vertical and horizontal milling machines, and other basic machine tools; bench work (hand and power hack saws, deburring, shearing, filing, polishing, use of hand taps, and cutting threads with a die); safety; and good housekeeping.	This class is designed to give a basic understanding of safely working with and around electricity in an industrial environment. The course topics include: electrical theory, power and control circuits, DC and AC, batteries inductance, capacitance, transformers, measuring of circuits, lighting, machines, single and three phase motors, control circuits and components, and maintenance procedures.
COURSE ID #	AMC 251	AMC 218	AMC 140
DATES	Aug. 24, 31 Sept. 7,14,21,28 Oct. 5,12	Aug. 26 Sept. 2,9,16,23,30 Oct. 7,14	Aug. 24, 31 Sept. 7,14,21,28 Oct. 5,12
DAYS	Tuesdays	Thursdays	Tuesdays
TIMES	5:00pm-9:00pm	5:00pm-9:00pm	5:00pm-9:00pm
LOCATION	JACC 6800 Browns Lake Rd Jackson, MI 49201	JACC 6800 Browns Lake Rd Jackson, MI 49201	JACC 6800 Browns Lake Rd Jackson, MI 49201
JAMA RATE	\$625	\$625	\$670
NON-MEMBER	\$725	\$725	\$770

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AUGUST 2021

REGISTRATION OPENS JULY 12, 2021

REGISTRATION DEADLINE AUGUST 6, 2021 @ 4:00PM

CLASS NAME	Geometry-Online	Moldmaking	Welding II
PRE-REQUISITE	Algebra	None	None
DESCRIPTION	Review of arithmetic and algebra. Introductory geometry including: axioms, theorems, propositions, dealing with straight lines, triangles, polygons and circles.	This course will present the fundamentals of mold design and construction. Students will learn to identify properties of plastics & metals, aluminum & zinc die casting molds and differentiate mold types. Students will understand heating and cooling, use and location of runners & gates, cores, cavities & inserts. Students will learn process for mold base preparation, how to determine mold life, factors affecting it and the reasons and procedures for mold polishing.	This is a welding course in GMAW (gas metal arc welding formally known as MIG welding) and GTAW (gas tungsten arc welding formally known as TIG welding) processes and techniques. Topics will include safety, use of equipment, power sources, shielding gases, filler metals, welding techniques, troubleshooting, weld defects and welding in the flat, vertical and horizontal positions.
COURSE ID #	AMC207	AMC 235	AMC 230
DATES	Your instructor will email you with instructions for the class.	Aug. 23,25,30 Sept. 1,8,13,15,20, 22, 27, 29 Oct. 4,6,11,13	Aug. 24,26,31 Sept. 2,7,9,14,16,21,23,28,30 Oct. 5,7,12,14
DAYS	N/A	Monday & Wednesday	Tuesdays & Thursdays
TIMES	5:00pm-9:00pm	5:00pm-8:15pm	5:00pm-9:00pm
LOCATION	JACC 6800 Browns Lake Rd Jackson, MI 49201	JACC 6800 Browns Lake Rd Jackson, MI	JACC 6800 Browns Lake Rd Jackson, MI 49201
JAMA RATE	\$625	\$635	\$895
NON-MEMBER	\$725	\$735	\$995

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AUGUST 2021

REGISTRATION OPENS JULY 12, 2021

REGISTRATION DEADLINE AUGUST 6, 2021 @ 4:00PM

CLASS NAME	Basic Computers	Basic Gauges & Measurements	Robotics & Material Handling
PRE-REQUISITE	None	Industrial Blueprint Reading	None
DESCRIPTION	This class will provide students with hands-on experience in the basics of computer concepts ranging from Windows 7 to Microsoft Office, Excel, PowerPoint and Outlook.	Covers use of calipers, micrometers, English and metric gauges and other measuring instruments within a manufacturing environment. Topics include: English vs. metric, calibration of instruments, importance of repeatability, hands-on measurement of piecework, and instrument inspection and care.	An increasing number of companies are turning to robotics as a means for increased production. Robots have an impressive range of applications, from "pick and place" for packaging, to welding, painting, or inspecting parts immediately after a process. However, robots are not foolproof; they require effective preventive maintenance to ensure they operate at full capacity. If a robot malfunctions, an experienced maintenance professional must know how to troubleshoot the exact cause. These robotics classes cover the major components of industrial robots, the common applications for robots, and axis movement. Later classes address vision systems, effective preventive maintenance for robots, as well as common causes of robot failure along with the ways to identify those causes.
COURSE ID #	AMC 160	AMC 130	AMC 280
DATES	Aug. 23,30 Sept. 13,20,27 Oct. 4,11	Aug. 25 Sept. 1,8,15,22,29 Oct. 6,13	Aug. 24,26,31 Sept. 2,7,9,14,16,21,23,28,30 Oct. 5,7,12,14
DAYS	Mondays	Wednesdays	Tuesdays & Thursdays
TIMES	5:00pm-9:30pm	5:00pm-9:00pm	5:00pm-8:00pm
LOCATION	JACC 6800 Browns Lake Rd Jackson, MI 49201	JACC 6800 Browns Lake Rd Jackson, MI 49201	JACC 6800 Browns Lake Rd Jackson, MI 49201
JAMA RATE	\$555	\$720	\$745
NON-MEMBER	\$655	\$820	\$845

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OCTOBER 2021

REGISTRATION OPENS AUGUST 30, 2021

REGISTRATION DEADLINE SEPTEMBER 24, 2021 @ 4:00PM

CLASS NAME	Industrial Hydraulics & Pneumatics	EDM	Work Life Skills-Online
PRE-REQUISITE	None	None	None
DESCRIPTION	This course provides instruction in the basics of hydraulic and pneumatic systems including pumps, valving, control assemblies, and actuators. Provides a general understanding of basic laws and formulas used in simple hydraulic circuits, including standard hydraulic symbols, and maintenance procedures.	This course will present the fundamentals of Electrical Discharge Machining. Concepts will include electrode selection for vertical EDM, flushing & orbiting operations. The class will cover differences between CNC and manual operations; describe dielectric oil and the process for discharge dressing electrodes. Students will learn wire EDM operations, wire types, selection process and wire flushing. Students will discuss the effects of water quality, carbide and the EDM process. The course will also include preventative maintenance procedures.	This course will examine the role of communication in achieving organizational goals. Emphasis will be placed on business relationships, managerial styles and group interaction as components of organizational problem solving. Students will develop an ability to assess, select, compose and evaluate messages exchanged within organizations, both oral and written.
COURSE ID #	AMC 220	AMC 255	AMC 165
DATES	Oct. 25 27 Nov. 1,3,8,10,15,17,22,24,29 Dec. 1,6,8,13,15	Oct. 26,28 Nov. 2,4,9,11,16,18,23,30 Dec. 2,7,9,14,16,21	Your instructor will email you with instructions for the class.
DAYS	Mondays & Wednesdays	Tuesdays & Thursdays	N/A
TIMES	5:00pm-9:00pm	5:00pm-8:00pm	N/A
LOCATION	JACC 6800 Browns Lake Rd Jackson, MI 49201	JACC 6800 Browns Lake Rd Jackson, MI 49201	JACC 6800 Browns Lake Rd Jackson, MI 49201
JAMA RATE	\$730	\$655	\$600
NON-MEMBER	\$830	\$755	\$700

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OCTOBER 2021

REGISTRATION OPENS AUGUST 30, 2021

REGISTRATION DEADLINE SEPTEMBER 24, 2021 @ 4:00PM

CLASS NAME	Jig and Fixture Design	Machine Maintenance & Troubleshooting	Intro. to CAD
PRE-REQUISITE	Intermediate Blueprint/GD&T	None	None
DESCRIPTION	This course helps the student develop a thorough understanding and working knowledge of how and why jigs and fixtures are designed and built as they are. To do this the discussion starts with the fundamentals of jigs and fixtures and works through the various elements and considerations of design. Two fundamental tool design principles are constantly stressed: simplicity and economy. Design sketching is used to allow the student to demonstrate an understanding of the theories presented.	This course covers methods and means used to troubleshoot and maintain machines typically found in a manufacturing environment. Problem symptoms, problem identification, maintenance records and systems will be covered.	Introduces students to the use of the computer in the creation of drawings in place of traditional drafting methods. Students will create and edit drawings using the computer and AutoCAD software.
COURSE ID #	AMC 240	AMC 260	AMC 105
DATES	Oct. 26,28 Nov. 2,4,9,11,16,18,23,30 Dec. 2,7,9,14,16,21	Oct. 25 27 Nov. 1,3,8,10,15,17,22,24,29 Dec. 1,6,8,13,15	Oct. 25 27 Nov. 1,3,8,10,15,17,22,24,29 Dec. 1,6,8,13,15
DAYS	Tuesdays & Thursdays	Mondays & Wednesdays	Mondays & Wednesdays
TIMES	5:00pm-8:00pm	5:00pm-8:00pm	6:00pm-9:00pm
LOCATION	JACC 6800 Browns Lake Rd Jackson, MI 49201	JACC 6800 Browns Lake Rd Jackson, MI 49201	JACC 6800 Browns Lake Rd Jackson, MI 49201
JAMA RATE	\$655	\$655	\$660
NON-MEMBER	\$755	\$755	\$760

A \$50 late registration fee will be charged if you register for or change classes after the registration deadline.

Drop Policy: You will receive a 100% refund for any class you drop on or before the last day of the registration period for the term. If you DROP after the last day of the registration period you will be responsible for 50% of the class fees. A student should not simply stop attending a class; they need to notify The Academy immediately. Failure to notify the Academy may result in you receiving a 0 or F for the class and the student will also still be responsible for full payment of the class.

Checks should be made payable to Jackson Area Manufacturers Association. JAMA Members - will be invoiced for full amount. Non-Member Companies - 1/2 due at registration with remainder due before start of class. Individuals - \$100.00 at registration, 1/2 of remaining fee before start of class, remainder due at mid-term. *If you are a self-pay student you can get the member rate if balance is paid in full before class starts.* We accept, Visa, Mastercard, Discover and American Express.

Mail: The Academy for Manufacturing Careers
2545 Spring Arbor Road, Suite 201, Jackson, MI 49203
Phone: 517-782-8268 **Fax:** 517-435-4126
E-mail: osteel@mijama.org



The Academy for Manufacturing Careers

OCTOBER 2021

REGISTRATION OPENS AUGUST 30, 2021

REGISTRATION DEADLINE SEPTEMBER 24, 2021 @ 4:00PM

CLASS NAME	Welding III	Intermediate Blueprint Reading/GD&T	Basic Math-Online
PRE-REQUISITE	Welding II	Industrial Blueprint Reading	AMC Placement
DESCRIPTION	Covers theory and fundamental application of welding as required in the fabrication of aluminum and stainless steel. Includes development of basic skills in preparation, cutting and welding of these unique materials. Provides hands-on experience with the use of GMAW and GTAW on aluminum and stainless steel.	Geometric Dimensioning and Tolerancing covers the fundamentals of GD&T concepts, and teaches how to read and interpret prints with GD&T symbols. Content is based upon ANSI/ASME Y 14.5M-2009 standards.	Consists of six modules covering the concepts of whole numbers, fractions, decimals, ratios, percent's, and the basic use of signed numbers, exponents, and order of operations.
COURSE ID #	AMC 231	AMC 200	AMC 111
DATES	Oct. 26,28 Nov. 2,4,9,11,16,18,23,30 Dec. 2,7,9,14,16,21	Oct. 20,27 Nov. 3,10,17,24 Dec. 1,8	Your instructor will email you with instructions for the class.
DAYS	Tuesdays & Thursdays	Wednesdays	N/A
TIMES	5:00pm-9:00pm	6:00pm-10:00pm	N/A
LOCATION	JACC 6800 Browns Lake Rd Jackson, MI 49201	JACC 6800 Browns Lake Rd Jackson, MI 49201	JACC 6800 Browns Lake Rd Jackson, MI 49201
JAMA RATE	\$895	\$565	\$625
NON-MEMBER	\$995	\$665	\$725

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