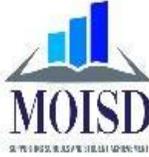


In addition to the technical curriculum, students will focus intensely on career planning and developing their career readiness skills. A career readiness curriculum has been developed to help teach these skills.



Articulation (free college credit) with regional post-secondary institutions is available for students who meet criteria and continue their education beyond high school. Students should apply their senior year.

Allied Health (AH) This is a one-year program designed to explore the allied health career field. Allied Health provides students an overview of the many career options within the healthcare industry. Major components include anatomy, physiology, medical terminology, and professional clinical experience. Allied Health offers students hands-on experience with clinical and technical skills such as CPR, first aid, monitoring vital signs and basic personal care needs of the patient. Other areas of focus include phlebotomy, massage therapy, sports medicine, basic EKG's and career readiness skills. Students may earn American Heart Certifications (Basic Life Support, First Aid and Bloodborne Pathogens). Other certificates may be earned, Opioid Training for Healthcare Providers, Achieving Accuracy Blood Pressure, and American College of Surgeons Certification for Bleeding Control. Qualified students may be eligible to return for an Advanced Training Allied Health course and choose Certified Nurse Aide (CNA) or Emergency Medical Technician (EMT). See Advanced Training Opportunities.

Automated Manufacturing Technology (AM or AMT)* This program is a two-year exploratory program that focuses on Manufacturing, Automation, Machine Tool and CNC Machining Technology. Students will participate in a mix of lesson-based instruction and hands-on work. First year students may learn a variety of machining techniques and industrial aspects and fields. Second year students will continue learning and may focus on their area of manufacturing interest. Students may learn precision measurement, print reading, milling machines, engine lathes, drill presses, surface grinders and CNC Haas Milling machines. The automation area focuses on electrical, hydraulics, pneumatics, plastics and robotic systems. Students learn to become problem solvers, excellent team members and leaders in this career field that are highly sought after by employers. Many graduates may help fill our community's workforce needs or continue their career path in a post-secondary opportunity, such as college, university or an apprenticeship. **The AMT program is an excellent start to anyone's future, no matter what skill level they are at.**

Automotive Technology (AU)* The Automotive Technology program is accredited by the Automotive Service Excellence (ASE) Education Foundation in Maintenance and Light Repair (MLR). Students will learn technical skills in Preventative Maintenance; Engine Repair; Automatic Transmissions; Manual Transmissions & Drivelines; Suspension, Steering, & Alignments; Brakes, Electrical & Electronics, Heating and Air Conditioning; and Engine Performance. Students will also be introduced to automotive business concepts. Automotive Technology emphasizes safety in all aspects of the program. Students will be prepared to take the State of Michigan Mechanic Certification and ASE Student Certification tests.

Construction Trades (CT) The Construction Trades program is a two-year classroom, laboratory, and job site-based program where the content is delivered through lectures, demonstrations and hands-on activities. The program is designed to provide an overview of many areas of construction including; employability skills, safety, construction mathematics, construction tools, equipment, materials, print reading, carpentry, electrical, mechanical, plumbing, masonry, heavy equipment, civil construction, construction careers and business management. Under the supervision of the Construction Technology teacher, para-educator, and local contractors, students will work on a house-building project as a large part of the program. Students may earn the following certifications: Occupational Safety and Health Administration (OSHA) 10-Hour Online and the Heartsaver CPR, AED and First Aid.

Cosmetology (CO or COS) The Cosmetology course is a three-year commitment for those students pursuing the required 1,500 hours of instruction for their State of Michigan Cosmetology license. Students enroll as a junior in high school and must return after high school graduation to complete the 1,500-hour requirement. First & second year students concentrate on theory and practice hands-on skills utilizing mannequins and each other. Third-year students continue their studies in theory and practical work, as well as, operate the Touch of Class Salon where students experience real-life salon situations. Students completing the program register with LARA to take the Michigan Cosmetology State Board Exam and upon passing the test, they will be licensed as a cosmetologist.

Culinary Arts (CA)* The Culinary Arts program will provide students with a wide-range of experience in the many positions of the culinary and food service industry with a heavy importance on sanitation and safety. After completing the ServSafe unit and safety training, first-year students will operate our catering services. All students will rotate in a wide variety of restaurant positions gaining valuable work experience in customer service, teamwork, commercial foods and the hospitality industry. Students may earn the American Heart Certifications: Heartsaver CPR, AED and First Aid. Additionally, at the end of the first year, students have the opportunity to obtain their ServSafe certification (Allergen and Food Handler). The second year is for students considering a career in Culinary Arts and provides opportunities to explore managerial opportunities, time management and career exploration at a Work Based Learning (WBL) site. Second year students may earn the ServSafe Manager certification.

Programs Continued on the Back Wc: 2/22

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Enroll for MOCC through your local school district now for the 22-23 SY!**



MECOSTA – OSCEOLA CAREER CENTER PROGRAMS



Cybersecurity & Information Technology (IT or CsIT)* This one or two-year program is designed to prepare students for a career in IT. Using industry-recognized certifications as the program's cornerstone, CsIT prepares students for technical support and IT operational roles. Students learn to troubleshoot and problem solve computer issues ranging from hardware and software, operating systems, and networking. Second-year students focus on cybersecurity and networking technologies. The instructional material is computer-based learning supplemented with hands-on labs in the classroom. Students can earn one or more of the following certifications: Microsoft Office Specialist, CompTIA A+, Network+ and Security+. Motivated students can earn additional certifications from Microsoft, CompTIA, Cisco, EC-Council, and others. Additionally, CsIT students have the opportunity to earn college-credit at little to no cost. Students can earn up to 24 credits by dual-enrolling with Mid Michigan Community College (MID) and Ferris State University (FSU). Students who also enroll in the Mecosta-Osceola CTE Early College program can earn up to 48 credits. See Advanced Training opportunities.

Diesel Technology (DT)* The Diesel Technology program is accredited by the Automotive Service Excellence (ASE) Education Foundation in Diesel Engine Diagnosis and Repair and Preventive Maintenance Inspection and is in the process of transitioning to the Inspection, Maintenance, and Minor Repair (IMMR) accreditation. This two-year program is designed to equip students with entry-level skills in the maintenance and repair of medium and heavy-duty trucks, heavy equipment, and agricultural machinery. Students will learn technical skills in Diesel Engines; Drivetrain; Brakes; Suspension & Steering; Electrical & Electronics; Heating, Ventilation, & Air Conditioning (HVAC); Preventative Maintenance; Welding; and Hydraulics. Students will also be introduced to transportation and agriculture equipment repair business concepts. Diesel Technology emphasizes safety in all aspects of the program. Students will be prepared to take the State of Michigan Mechanic Certification and ASE Student Certification tests. Additionally, students may take the Forklift Certification and Snap-On Meter Certification.

Graphics & Printing Technology (GP or PTEC)* This program is a two-year exploratory program that gets students a hands-on approach to the Digital Design and Print industries of the world. Printing Technology has a vast variety of new, exciting and high-demand careers to choose from, and many students will find the perfect fit. First-year students are exposed to all aspects of the industry as they develop skills in designing and producing printed products. Second-year students participate in a self-paced study of specialized and more advanced graphic processes all while utilizing the most up-to-date software and equipment for real industry experiences. The Graphic & Printing Technology program (PTEC) is designed to provide hands-on instruction in Graphic Layout and Design, Photography, Apparel Decorating, Digital/Offset Printing, Customer Service, Teamwork and Problem solving.

Public Safety (PS) This a one-year program that introduces students to careers within the public safety pathway: Law Enforcement, Firefighting, Responding to Medical Emergencies, and Court/Corrections Systems. Students are also introduced to career opportunities within the Public Safety fields (Corrections Officer, Firefighter, EMT, Dispatcher), the Military and Homeland Security positions. The curriculum consists of hands-on experiences, physical fitness and wellness training, and classroom presentations and lectures based on a variety of career-related topics. Students may earn the American Heart Certifications (Heartsaver CPR, AED, First Aid, Blood Borne Pathogens), American College of Surgeons Certification for Bleeding Control and Opioid Training. Students will enhance self-discipline, leadership skills, and the ability to function as part of a team throughout the class. Qualified students may be eligible to return for Advanced Training and earn certification in the Corrections Academy (COR), the Emergency Medical Technician (EMT) or Firefighter I & II (FIRE). See Advanced Training Opportunities.

Welding & Fabrication (WE)* This is a one-year program that teaches students various welding and cutting processes: Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Gas Tungsten Arc Welding (GTAW), Flux Core Arc Welding (FCAW), spot welding, oxy-fuel welding, brazing, plasma cutting and carbon arc gouging. Fabrication tools used include the drill press, shears, power shears, benders, brakes, and CNC plasma cutters. Students will use metal-working, welding, and cutting processes to fabricate projects. Students who have successfully completed year one and are interested in Advanced Training may apply for a 2nd year in Welding or enroll in another MOCC Program to add to their technical skill-set. The second year is for senior students and entrance is by application only. The WE Advanced Training during the 2nd year will focus on Work Based Learning (WBL), Computer Aided Design (CAD) programs, and/or more in-depth welding processes. Students may earn the following certifications: American Welding Society (ASW) Sense Level 1 and Qualification Record of Welding (4 different welds).

*** Programs designated with an (*) after the title are programs where second-year students may be able to apply to be placed in cooperative Work Based Learning (WBL) positions at a regional employer.**

Notice of Nondiscrimination In compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, the Americans with Disabilities Act of 1990, and the State of Michigan's Elliott-Larsen Civil Rights Act of 1977, Section 102(a) it is the policy of the Mecosta-Osceola Intermediate School District that no person shall, on the basis of race, color, religion, national origin or ancestry, gender, age, disability, height, weight, or marital status be excluded from participation in, be denied the benefits of, or be subjected to discrimination during any program or activity or in employment. In addition, arrangements can be made to ensure that the lack of English language skills is not a barrier to admission or participation. Inquiries regarding this policy should be directed to: Assistant Superintendent, Mecosta-Osceola Intermediate School District, 15760 190th Avenue, Big Rapids, MI 49307, Telephone (231) 796-3543. 5/2022

Program availability is subject to change.

For more enrollment information please call 231-796-5805 or visit www.moisd.org



MECOSTA – OSCEOLA CAREER CENTER ADVANCED TRAINING



Students who have successfully completed the Allied Health or Public Safety program, as juniors, have the option to enroll in one of the Advanced Training programs their senior year. **Other seniors (Non-MOCC Students or Non-Program Completers) may apply by application for these programs too.** Please see your High School Counselor for more information. All advanced courses are structured for competency-based group instruction using state-approved curriculum and are sanctioned by the appropriate accrediting organization where applicable. Students who meet requirements and progress satisfactorily through the course will have the opportunity to take the written and hands-on assessments and earn their license/certification. Each Advanced Training program has required training hours.

Allied Health Career Pathway

Certified Nurse Aide (CNA) This is a one (1) Semester program only. Students that would like to continue learning in the Healthcare field, may attend the 2nd Semester to earn college-credit at little to no cost. Students can earn up to 6 credits by dual-enrolling with Ferris State University (FSU). CNA students will study all aspects of personal care, taking vital signs and learning patient transfer techniques. Students will work toward eligibility to take the CNA State of Michigan Certification Exam. Certification will allow the student to be employed as a CNA in a nursing home, hospital or other care facility. Work Based Learning (WBL) may be applicable. **Please Note: This program has required training hours.**

Allied Health or Public Safety Career Pathway

Emergency Medical Technician (EMT) EMT students will work toward eligibility to take the National Registry of EMT's Certification Exam. Curriculum includes classroom book-work, lab time, and clinical rotations in the hospital and ambulance setting. Students may be employed by a fire department, ambulance, or hospital as an EMT upon successful completion of the NREMT Exam and State Licensure. **Please Note: This program has required training hours.**

Public Safety Career Pathway

Corrections Academy (COR) This is a one-year Advanced Training program for Public Safety completers. In addition, a senior who has not attended MOCC or is from another MOCC program may apply by application. Corrections students who successfully complete each module of the academy and pass the final exam will be certified as a Local Corrections Officer. The academy curriculum consists of book-work and physical training. In order to be hired by a Sheriff's Office, students must also successfully pass the Michigan Sheriffs' Coordinating and Training Council written examination, proctored by EMPACO, which tests students' mental fitness in the areas of reading comprehension, writing, and situational reasoning. Students must also successfully pass the Local Corrections Officer Physical Ability Test (LCOPAT) to be hired by a Sheriff's Office. This is the only high school-level corrections academy in Michigan sanctioned by the Michigan Sheriffs' Coordinating & Training Council. Upon successful completion of all requirements, students may be employed at a county jail as a Corrections Officer. Further details about the academy requirements can be found at www.misctc.org. **Please Note: This program has required training hours.**

Firefighting I & II (FIR) FIRE students will work toward eligibility to take the State of Michigan Firefighter I & II Certification Exam, which includes Hazardous Material-Operations Certification. Curriculum includes classroom book-work, lab time, and Work Based Learning with regional fire departments. **Please Note: This program has required training hours.**

Program availability is subject to change.

Mecosta-Osceola Career Center Early/Middle College

For ALL Early/Middle College interest, please be sure to let your High School Counselor and MOCC Program Instructor know at the time of your Career Center enrollment.

Cybersecurity & Information Technology (CsIT) CsIT students may earn college credit at little to no cost by dual-enrolling with Mid Michigan College and Ferris State University. Students can earn up to 24 dual-enrollment credits. Students may also participate in an Early Middle College (EMC) program through our partnership with Mid Michigan College. EMC students can earn up to 48 college credits. Please see MOCC Program Summary Sheet or contact Roger Meinert, CsIT Instructor, at rmeinert@moisd.org for more information.

Notice of Nondiscrimination In compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, the Americans with Disabilities Act of 1990, and the State of Michigan's Elliott-Larsen Civil Rights Act of 1977, Section 102(a) it is the policy of the Mecosta-Osceola Intermediate School District that no person shall, on the basis of race, color, religion, national origin or ancestry, gender, age, disability, height, weight, or marital status be excluded from participation in, be denied the benefits of, or be subjected to discrimination during any program or activity or in employment. In addition, arrangements can be made to ensure that the lack of English language skills is not a barrier to admission or participation. Inquiries regarding this policy should be directed to: Assistant Superintendent, Mecosta-Osceola Intermediate School District, 15760 190th Avenue, Big Rapids, MI 49307, Telephone (231) 796-3543.

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