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 a 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. Qualified students may be eligible to return for the Advanced Allied Health course and choose a concentration in either Certified Nurse Aide (CNA) or Emergency Medical Technician (EMT). Additionally, AH completers may be able to earn college credit by dual-enrolling with Mid Michigan Community College (MID) and participate in the Pharmacy Technician program.

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 Technology (CT)* The Construction Technology 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.

Cosmetology (CO) The Cosmetology program is a three-year commitment for students pursuing the 1,500 hours of instruction required by the state of Michigan to earn a cosmetology license. Students must enroll in the program as juniors and complete an application process to continue into their second and third years. Tuition is required to complete the third year. While in high school, students will concentrate on theory and practice hands-on skills utilizing mannequins and each other. After high school, students continue theory and practical work as well as operate A Touch of Class Salon where they experience real-life salon situations. After completion of State requirements, students may apply to take the Michigan Cosmetology State Board Examination, and upon passing the assessment, will be licensed Cosmetologists.

Culinary Arts (CA)* The Culinary Arts program will provide students with an extensive experience in the many facets of the culinary and food service industry with a heavy emphasis on sanitation and safety. After completing the ServSafe unit and safety training, first-year students will operate and manage our on-site restaurant, The Starting Place. All students will have an opportunity to work in a wide variety of restaurant positions gaining valuable work experience in customer service, teamwork, commercial foods and the hospitality industry. At the end of the first year, students have the opportunity to obtain their ServSafe certification. The second year is for students considering a career in Culinary Arts and provides opportunities to delve deeper into management, allergen training certification, advanced food preparation, time management, and career exploration.

Cybersecurity & Information Technology (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 20 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 44 credits.

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

Graphic Communications (GC)* This is a two-year program designed to give students a hands-on overview of the entire graphic and visual communication industry. First-year students are exposed to all aspects of the industry as they develop skills in producing printed products. Second-year students participate in a self-paced study of more advanced graphic processes. The Graphic Communications program is designed to provide hands-on instruction in computer imaging, electronic publishing, graphic layout and design, photography, web design, game design, offset printing, customer service, teamwork and problem solving.

Innovative Engineering (IE)* This is a two-year program, and many students are enrolling at Kettering, Ferris State, Michigan Tech, Western Michigan to name a few. Others are staying local and going into apprenticeships, industry, or even into the military with great scores and job choices! Skilled trades are back in high demand with great wages and opportunities! The opening of your mind and the concept of “I don’t know what I don’t know” is at the heart of Innovative Engineering Technology. Our goal is to develop problem solvers through the teaching of seven disciplines including: robotics, machining (both manual and CNC), injection molded plastics, electronics, fluid power, quality assurance, and design. Projects in class have included building award winning electric and hybrid vehicles, installing and wiring complete solar panels and wind turbine systems on mock house setups. Students learn to design and produce their own product(s) or tools. Our students have been involved in worldwide design projects.

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 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) or the Emergency Medical Technician (EMT), is also part of the concentration of the Advance Allied Health course.

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 MOCO Program to add to their technical skill-set. The second year is for senior students and entrance is by application only. This 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.

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

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, and the Americans with Disability Act of 1990, 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, disability, age, 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. Program availability is subject to change.

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Students who have successfully completed the Allied Health or Public Safety program, as juniors, have the option to enroll in one of our Advanced Training programs their senior year. Other seniors may apply 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.

**Advanced Allied Health** This is a one-year Advanced Training program for completers. In addition, a senior who has not attended MOCC or is from another MOCC program may apply by an application. The course will include Electrocardiogram (EKG) and Phlebotomy. In addition, students will choose a concentration area in Certified Nurse Aide (CNA) or Emergency Medical Technician (EMT).

**Certified Nurse Aide (CNA) Concentration** During the first Semester, 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. During second Semester, additional training and certification opportunities include, Electrocardiogram (EKG), Medication Administration and Phlebotomy. Work Based Learning (WBL) may be applicable.

**Emergency Medical Technician (EMT) Concentration** 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. Additional training and certification opportunities include, Electrocardiogram (EKG) and Phlebotomy.

**Mid Michigan Community College Pharmacy Technician Program** Students who have successfully completed the MOCC-Allied Health first year program will be eligible to apply and may be able to earn college-credit at little to no cost by dual-enrolling with MID through MOCC, as an Advanced Training program. In addition, dual-enrollment may be available through your local High School Counselor. Students can earn up to 13 credits their senior year. This opportunity is available during the MOCC-PM SESSION ONLY. A commitment to additional courses, which includes 11 credit hours after graduation is required for students who want to earn their certification. Students will be responsible for all costs associated with courses after high school graduation.

**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 EMPCO, 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.

**Mecosta-Osceola Career Center Advanced Training Opportunities**

For All Early/Middle College & Dual Enrollment information, please contact Jillane Ray, Career Services Coordinator, at jray@moisd.org

**Cybersecurity & Information Technology (CsIT)** CsIT students may earn college credit at little to no cost by dual-enrolling with Mid Michigan Community College or participating in an Early Middle College program and partnership with Mid Michigan Community College and Ferris State University. Students can earn up to 24 dual-enrollment credits and up to 44 Early/Middle College credits. Please see MOCC Program Summary Sheet or contact Roger Meinert, CsIT Instructor, at rmeinert@moisd.org for more information.

**Ferris State University (FSU) Care Courses** MOCC students may earn college-credit at little to no cost by dual-enrolling with FSU. Courses include CARE 102, 201, 202 and 203 and University 101. Students may earn up to 8 college credits.

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**Program availability is subject to change.**

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