



iCAN Magnet Academy students will participate in project based and blended learning to develop workplace technology skills and engage in mentoring by a network of advisors from business, industries and post-secondary institutions.

Academy of Business

The Academy of Business will focus on understanding the fundamentals of business, marketing, and entrepreneurship. Business leaders throughout the county will serve as guest speakers and mentors. Students will be using, hands-on, project-based learning to develop their own businesses and plans. Academy of Business students will apply their knowledge of marketing to develop a strategy to market the various events and programs happening at Awesome Olsen Middle School. Students will also be earning certifications in Microsoft Office products to help ready them to compete in the 21st Century business world.

The Awesome Olsen iCAN Academy is partnered with Virtual Enterprise Junior Ventures to bring entrepreneurial skills to students. This program's curriculum has students develop their own business while training them in the fundamentals of business. Course work includes lessons in marketing, sales, customers, profit & loss, and so on. At the end of the year students' businesses are brought to the community for evaluation and critique.

Academy of Robotics and Marine Science

This academy supports students pursuing college and careers in STEM and Robotics. The academy will be using an underwater remotely operated vehicle (ROV) as a hands-on device for students to learn with. Simultaneously, students will be learning a curriculum in and out of the classroom that educates students on the ocean and marine life. The combination of these two disciplines will prepare students for several different careers in robotics, marine science, or becoming a maritime professional. We have partnered with FIU, and local Maritime professional associations to bring students firsthand knowledge and experiences.

This academy supports students pursuing college and careers in STEM and Robotics. Students will use an underwater remotely operated vehicle (ROV) to apply their knowledge of robotics to marine ecosystems. An emphasis on marine organisms, behavior and their interaction with the environment supports a major component of life on Earth. The combination of these two disciplines will prepare students for several different careers in robotics, marine science, or maritime professions. We have partnered with FIU, and local Maritime





professional associations to bring students firsthand knowledge and authentic hands-on learning experiences.

Academy of Music and Media Conservatory

The Academy of Music and Media Conservatory will be split between two pathways including Band and Journalism. Band students will develop skills related to musical performing arts, such as; synchronization, sight-reading, harmonization, composition, and improvisation. The band will also support the magnet programs by composing musical content for the Awesome Olsen Middle academies. Journalism students will learn the fundamentals of journalism and be immersed in a multimedia curriculum of video, audio, and web content production. Mentors from the Miami Herald and BECON tv will be coming to speak to our students. The journalism students will also take part in the production of our Viking TV station.

Academy of Education

The Academy of Education is established to help children learn the skills it takes to become a childcare professional, classroom teacher, or potential college professor. Content will include learning about early childhood development, the art of pedagogy, as well as educational policies and laws that support high standards in education. Students will also develop certifications in Microsoft Office to help them master technology in the classroom. We will have mentors throughout the county speak with the students about the field of education. Students will apply their knowledge of education while working with zone schools to mentor and teach preschool and elementary age students.

This academy supports students pursuing college or career in the educational field. The content of this academy includes the development of leadership skills, communication skills, and employability skills; resource management, exploration of careers in the field of education; the importance of health and safety in the learning environment; developmental stages of children and appropriate learning activities, observation of children, and the use of technology in education-related careers.

Academy of Hospitality & Tourism

This academy supports students pursuing college or career in the hospitality & tourism field. The academy includes the management, marketing, and operations of restaurants and other food services, lodging, attractions, recreation events and travel. Students within the academy will be responsible for setting up our new Viking Café. This will be a student run bistro on campus





Course Descriptions

where students can gain real world experience in the full operation of running a food service establishment. Students will learn the mechanics of restaurants including budgeting, staffing, inventory and food preparation. Students will also be exposed to local hotel and resort operations to help them understand the multiple career paths available to them in tourism.

