



2026-2027
Course Descriptions

ACCOUNTING

Location: Saline High School

Requirements: Grades 11-12 only, Application Required, Full Year Program

This course will teach students the fundamentals of Accounting, which is the language of business. Students will complete projects that incorporate the entire Accounting cycle. Learning how financial decisions are made will be emphasized. Students will learn how to calculate and analyze paycheck stubs, and learn the payroll cycle of a business. Business math is emphasized throughout the course. *Articulation is available with Washtenaw Community College.*

ADVANCED GRAPHIC DESIGN & PRINTING (Previously VISUAL IMAGING TECHNOLOGY) 1

Location: Saline High School

Requirements: Grades 11-12 only, Application Required, Full Year Program

Advanced Graphics & Printing explores the print and design industry through drawing, typography, graphic design, illustration, and animation. Learn marketable skills in a studio setting that includes a Mac lab running the Adobe Creative Suite, and a print lab that provides hands-on workspace to generate products like t-shirts, brochures, posters, stickers, and more. An emphasis is placed on the design process, concept development, and critique to help students build a portfolio for a career in commercial arts. Students build on creativity skills and learn how to produce original designs using typography, photography, and graphics. *Articulation is available with Washtenaw Community College and Ferris State University.*

ADVANCED GRAPHICS & PRINTING (Previously VISUAL IMAGING TECHNOLOGY) 2

Location: Saline High School

Requirements: Grade 12 only, Application Required, Full Year Program, Successful Completion of Advanced Graphics and Printing (formally Visual Imaging Technology) 1

Throughout the year, students will work independently on client design, personal design, and printing projects, taking on leadership roles within the class. In Trimester 1, they will create eight conceptual pieces by experimenting weekly with various subjects, mediums, elements, principles, and compositional techniques, each accompanied by a written statement of purpose. In Trimester 2, students will delve into two chosen focus areas for four weeks each, producing a collection of work with a final output, along with written statements for each area. Finally, Trimester 3 culminates in a polished portfolio project that showcases their best work for job applications, college admissions, and scholarship opportunities.

ADVANCED PHOTOGRAPHY 1

Location: Saline High School

Requirements: Grades 11- 12 only, Application Required, Full Year Program

This class covers all aspects of the photographic world, from traditional black and white silver gelatin prints to digital masterpieces. Students will have the opportunity to express their creative abilities and explore the world of still images. Advanced Photography is designed for students to explore photography as an outlet for personal expression. Students will learn how to use a multitude of cameras, both digital and film. We will investigate many alternative processes that can create unique final prints. Students will use a Mac computer lab fully equipped with the Adobe Creative Suite for editing, manipulating, and enhancing digital photographs. Students will begin to build their own professional photography portfolio in order to display their work. Students will learn the historical aspects of photography and gain an understanding of the photography industry. *Articulation is available with Washtenaw Community College.*

ADVANCED PHOTOGRAPHY 2

Location: Saline High School

Requirements: Grade 12 only, Application Required, Full Year Program, Successful Completion of Advanced Photography 1

The Advanced Photography course is designed for students committed to gaining practical experience and mastering the concepts, composition, and execution of their ideas through photography. Over the year, students

will explore various techniques to build a final portfolio for evaluation, demonstrating their skills and versatility in problem-solving and ideation. They will also create a body of work for the Concentration section, centered on a personally meaningful topic. Additionally, students will engage in month-long assignments to delve deeply into a single subject, resulting in a cohesive collection of images. The course culminates in a polished final portfolio, showcasing their best work for job applications, college admissions, and scholarship opportunities.

AUTOMOTIVE TECHNOLOGY 1

Location: Saline High School

Requirements: Grades 11-12 only, Application Required, Full Year Program + Optional One Additional Period in the Spring, Drivers Education Part I

This is a course in which the student applies the principles and functions of components as they pertain to automotive systems. The course is divided into three major areas of study including a light service unit, automotive electrical systems and braking systems. Included in the light service unit are topics ranging from reference materials and micrometers to basic vehicle systems such as cooling, lubrication and wheels and tires. The automotive electrical systems unit includes all aspects of automotive electrical systems from the basic battery, alternator and starter concepts to advanced electrical diagnostics. The braking systems unit covers all aspects of automotive braking systems, including hydraulic principles, disc and drum braking systems and anti-lock braking systems. The laboratory portion covers approximately 70 percent of this course. The class is designed to provide the student with relevant and realistic hands-on training for preparation for the automotive servicing field. Students should be able to obtain state mechanic certification in at least two areas of the test categories upon successful completion of the first-year program. NATEF certification is available for those students who complete the NATEF curriculum. During the spring trimester, the SWWC offers internships through the ASE Educational Internship program. *Articulation is available with Washtenaw Community College.*

AUTOMOTIVE TECHNOLOGY 2 (Early start-7:15 AM)

Location: Saline High School

Requirements: Grade 12 only, Application Required, Full Year Program, Drivers Education Parts 1 & 2 and successful completion of Auto Technology I

This course covers an advanced study of topics covered in the prerequisite course, plus additional instruction in five areas of study. The major areas of concentration are steering & suspension, engine performance & drivability, manual transmission & drive axle, automatic transmission, and heating and air-conditioning. The steering & suspension unit covers many aspects of the current vehicle steering and suspension designs. The engine performance unit covers numerous topics, including electronic fuel injection, computerized engine control, exhaust gas emission testing/analysis, and ignition systems. The manual and automatic transmission units are centered on maintenance and light repair. The students will be exposed to simple diagnosis and repair of the heating and air conditioning system. State-of-the-art diagnostic equipment will be emphasized throughout all units. This course is exclusively designed to provide the student with relevant and realistic hands-on training for preparation into the automotive servicing field, as well as establishing a foundation for possible careers as a Product Testing Technician, Dynamometer Technician, Service Manager, Parts Manager, Factory Service Representative, and Engineering Technician. Students will have the opportunity to take the State mechanic certification exams at the conclusion of the course. Internships are available through the ASE Educational Internship Program. *Articulation is available with Washtenaw Community College.*

BOTANY-Plant Science and Natural Resources

Location: Saline High School

Requirements: Grades 11-12 only, Application Required, Full Year Program

This class is an introduction to plant science, crops & soils, natural resources, and greenhouse management. Students care for plants in the hydroponic lab and school greenhouse, along with gaining the background knowledge and safety training necessary to complete the hands-on work in those facilities. This course will provide students with a foundation of botanical studies in agricultural crops, horticultural plants, soil science, equipment operation, and wildlife & natural resource systems. Topics include plant classification, plant

anatomy, plant processes & growth, plant breeding & genetics, row crop production, specialty crop production, wildlife & habitats, plant pests & diseases, integrated pest management (IPM), hydroponics, greenhouse safety & management, forestry, and soil science. Articulation is available with Michigan State University upon completion of both the Botany & Zoology courses and receiving the FFA State Degree. Membership and participation in activities of the National FFA Organization are a required and beneficial part of all agriculture, food & natural resources (AFNR) classes. Students will be required to apply hands-on skills outside of the classroom to AFNR-related work-based and research-type supervised experience projects as part of their evaluation and grade. Students will also have the opportunity to compete, travel, and win cash awards, recognition, and scholarships in the FFA. A \$20 dues payment for membership in the National FFA Organization (once per school year) is a required cost of this program.

BUILDING TRADES

Location: Bennett Street, Saline

Requirements: Grades 11-12 only, Application Required, Full Year Program

The Building Trades program prepares a student for employment in the construction industry. There is currently a serious shortage of construction workers, and a major goal of this program is to fill that gap by preparing our students with the skills necessary for employment immediately upon graduation. Many of our Juniors take summer jobs, and our Seniors are ready for either immediate employment or continuing education in the Building Trades. The specific areas of study include: site preparation, demolition, framing, door & window installation, electrical, plumbing, HVAC, insulation, drywall, masonry, finish carpentry, painting, construction techniques, and management and employability skills. A solid foundation in math skills is desirable, and geometry is helpful. *Articulation is available with Washtenaw Community College.*

CAREERS IN EDUCATION 1

Location: Saline High School and Placement Locations

Requirements: Grades 11-12 only, Application Required, Full Year Program, Child Development Recommended

This hands-on program is designed for juniors and seniors who want to explore a career in education. Students will earn training hours recorded in MiRegistry, a central database that tracks the professional development and qualifications of early childhood educators and people working with school-age youth programs. Professional Training: Students will learn basic education principles, classroom management, lesson planning, and important professional responsibilities. Key topics include teaching methods, child development, classroom management, and creating a safe environment for all students. Students will also work towards professional credentials like the Michigan Youth Development Associate (MI-YDA) for school-age youth or the Child Development Associate (CDA) for early childhood and preschool ages. Field Experience: The SWWC instructor will help place students with a mentor teacher in their home district, based on their age/subject interests. In the classroom, students will gain hands-on experience by tutoring small groups, assisting with projects, helping with classroom preparation, observing, documenting, and eventually teaching their own lessons. Students can also attend field trips and training through FCCLA (Family, Career, and Community Leaders of America), a national, co-curricular organization embedded into this course. College credit may be available at various colleges throughout Michigan.

CAREERS IN EDUCATION 2

Location: Saline High School and Placement Locations

Requirements: Grade 12 only, Application Required, Full Year Program, Child Development Recommended, Successful Completion of Careers in Education 1

This course is designed for high school students who are actively interested in pursuing a career in education. Building on the foundational skills from the first-year curriculum, students will explore key topics, including Strategic Partnerships in Education, supporting Special Populations and Diverse Learners, and Program Development. Students will learn to assess student progress through effective assessment techniques and gain leadership skills through the FCCLA Leadership opportunities and the chance to compete with their

assignments. Additionally, students will continue to engage in Work-Based Learning and Classroom Placements, applying their knowledge in real-world settings. By completing this course, students will continue to work towards their MI-YDA (Michigan Youth Development Associate) credential or CDA (Child Development Associate), further preparing them for a successful future in the field of education. Lastly, upon successful completion of this course, direct credit is available with many Michigan colleges and universities.

COMPUTER AIDED DESIGN 1 – TECHNICAL/ARCHITECTURAL

Location: Saline High School

Requirements: Grades 11-12 only, Application Required, Full Year Program, (CAD and PLTW classes preferred)

This program offers training in computer-aided design (CAD) in regards to the fields of Technical Drafting or Architectural Drafting, and students will have the opportunity to choose which curriculum they would like to learn. Students will gain an understanding of CAD respective to their chosen path, including 3D solid modeling, creating drawings, photo-realistic rendering, animation, all while completing both technical and creative projects. Curriculum will be tailored to individual students' skill level and interests using the most current software available, and the course can be taken for a second year with a different curriculum if desired. All Technical Drafting students will have an opportunity to become a Certified Onshape Associate. Students will also have the opportunity to compete at the annual SkillsUSA and MITES competitions. This course will prepare students for engineering or architectural curricula at the post-secondary level, and articulation agreements exist that allow college credits to be earned at certain colleges and universities. Students completing the course may find employment in entry-level positions as draftsmen, architects, or engineering assistants. *Articulation is available with Washtenaw Community College.*

COMPUTER AIDED DESIGN 2 – TECHNICAL/ARCHITECTURAL

Location: Saline High School

Requirements: Grade 12 only, Application Required, Full Year Program, Successful Completion of Computer Aided Design 1

This program continues training in computer-aided design (CAD) in regard to the fields of Technical Drafting or Architectural Drafting, and students will have the opportunity to continue their chosen path or try the other. Students will reach a deeper level of understanding in their chosen path, with a focus on industrial/building standards. The curriculum will be tailored to individual students' skill levels and interests using the most current software available, and work-based learning opportunities will be provided when available. All Technical Drafting students will have an opportunity to become Certified Onshape Associates and/or Professionals. Students will also have the opportunity to compete at additional competitions in addition to the annual SkillsUSA and MITES competitions. This course will better prepare students for an engineering or architectural curriculum at the post-secondary level. Students completing the course may find employment in entry-level positions as draftsmen, architectural assistants, or engineering assistants. *Articulation is available with Washtenaw Community College.*

COMPUTER INTEGRATED MANUFACTURING (CIM) 1

Location: Saline High School

Requirements: Grades 11-12 only, Application Required, Full Year Program

This program offers training in multiple methods of manufacturing. Students will learn how to produce parts using manual mills and lathes, computer numerical control (CNC) mills and lathes, as well as rapid prototyping on a 3D printer. Students will learn to use problem-solving skills and engineering knowledge to create models using CAD software, create toolpath programs/code using CAM software, and master machining skills as they relate to manual machining, CNC machining, and 3D printing. The course will also stress the importance of shop safety, the design process in regards to engineering, drawing, reading, and measurement with precision tools. Additionally, students can take the course for a second year with a different curriculum if desired. All enrolled students will have the opportunity to compete for a spot at SkillsUSA in Automated Manufacturing Technology, Additive Manufacturing, or CNC Programmer. This course will prepare students for the manufacturing curriculum at the post-secondary level, and articulation agreements exist that allow college

credits to be earned at certain colleges and universities. Students completing the course will have the opportunity to obtain entry-level employment at local businesses in the fields of machining/programming and engineering technology. *Articulation is available with Washtenaw Community College.*

COMPUTER INTEGRATED MANUFACTURING (CIM) 2

Location: Saline High School

Requirements: Grade 12 only, Application Required, Full Year Program, Successful Completion of Computer Integrated Manufacturing 1

This program continues training in the manufacturing field with regard to Manual Machining, CNC Machining, and 3D Printing. The course will have a heavy focus on advanced machining principles, industrial 3D printing, and inspection procedures. All students will have the opportunity to earn industry-recognized credentials pertaining to CNC Milling, CNC Turning, Metrology, and Industrial 3D Printing. Students will also have the opportunity to compete in manufacturing-based competitions at SkillsUSA and other local college events. Upon completion of the course, numerous internships, apprenticeships, and job opportunities will be available for students. *Articulation is available with Washtenaw Community College.*

COMPUTER SERVICING 1: Hardware and Operating Systems

Location: Saline High School

Requirements: Grades 11-12 only, Application Required, Full Year Program

This comprehensive course integrates advanced electrical and electronics systems training with foundational computer hardware and operating system competencies. Students will acquire the skills needed to excel in both the electrical/electronics and computer technology fields, preparing for industry-recognized certifications in Electrical/Electronics Equipment Installation and Repair. Key electrical competencies include residential and commercial wiring, industrial motor controls, and manufacturing automation. Students will design, program, and troubleshoot industrial systems, including PLCs and HMIs, while mastering core principles of AC/DC circuits, semiconductors, and digital circuits through hands-on assembly, testing, and measurement. Emphasis is placed on safety standards, blueprint interpretation, and adherence to the National Electrical Code and Michigan standards. The course also prepares students to build, repair, and troubleshoot PCs, networks, and electronic devices using state-of-the-art simulators and hands-on activities. Topics covered include hardware, operating systems (Windows, Linux, Mac), memory and storage, networking, wireless systems, peripherals, and mobile devices. Additionally, students will explore DC circuitry, soldering, test equipment, and workplace safety. Traditional workplace learning and leadership skills are integrated throughout the curriculum, offering articulation opportunities with Washtenaw Community College. This dynamic program ensures students are equipped to meet the demands of both the electrical and computer technology industries. *Articulation is available with Washtenaw Community College.*

COMPUTER SERVICING 2: Networking

Location: Saline High School

Requirements: Grades 11-12 only, Application Required, Full Year Program. Successful Completion of Computer Servicing 1: Hardware and Operating Systems

The Computer Systems Technology 2: Networking course is designed for students who are going to enter the information technology field. Students in this course expand their troubleshooting skills. Through state-of-the-art simulators and hands-on activities, this course prepares students for the TestOut Network Pro certification exam and CompTIA's Network+ certification exam. Students gain the knowledge and skills they need to install, configure, and maintain a network for businesses and organizations. Course concepts include network protocols, cables and devices, IP and server configuration, routing, security and firewalls, and network storage. Additionally, the fundamentals of electronics will continue to be explored, which may include DC circuitry, integrated circuits, wiring, soldering, test equipment, and safety. Traditional workplace learning and leadership skills are included in this curriculum. *Articulation is available with Washtenaw Community College.*

COSMETOLOGY 1 at HVBA((Saline Middle School)

Requirements: Grades 11-12 only, Application Required, Full Year Program, Entire Program is 2 Years + 1 Summer

Cosmetology is a two-year, adult-level program for students who have made a serious commitment to become a professional Cosmetologist. A mandatory 8-week summer program is held in the summer between Cosmetology 1 and Cosmetology 2. The State-approved Cosmetology program prepares a student for employment in one of our nation's largest personal service industries, with the entry-level skills needed for employment in the beauty trades. Upon completion of 1500 hours of combined theory and clinical instruction, the student will be qualified to take the Michigan State Board of Cosmetology exam. Students must pay a \$15 State registration fee, purchase uniforms, and arrange their own transportation to the off-campus (Saline) location. Classwork includes the following areas of study: personal hygiene, communication, sanitation, bacteriology, laws and rules, hair cutting, hair styling, artificial hair, hair coloring, chemical reconstruction, manicuring, facials, makeup, hair removal, and applied anatomy, physiology, and chemistry as related to skin, hair, and nails. Spots are limited. Excellent attendance is required. (Seniors who register for Cos 1 must be willing to commit to a year beyond graduation to complete the program and are responsible for additional tuition.)

COSMETOLOGY 2 at HVBA (Saline Middle School)

Requirements: Grade 12 only, Application Required, Full Year Program, Entire Program is 2 Years + 1 Summer, Successful Completion of Cosmetology 1

The second year of Cosmetology is a continuation of the coursework learned in Cosmetology 1, with an emphasis on practical, hands-on skills, including working on clients in the student salon. Additional class work includes applied anatomy, physiology, and histology of the human head, hands, nails, and skin, applied chemistry as related to skin, hair, and nails, and salon management and employability skills. A final project includes a digital portfolio and resume. Students will be prepared to take the State licensing exam upon completion of 1500 clock hours. Registering for the exam and all associated fees are the student's responsibility (currently \$215). Excellent attendance is required. *Students who successfully become licensed cosmetologists may receive articulated credit with Washtenaw Community College, Baker College, Davenport University, Mott Community College, and Ferris State University.*

CULINARY ARTS 1

Location: Saline High School

Requirements: Grades 11-12 only, Application Required, Full Year Program

This course is designed to introduce students to the hospitality industry with a major focus on Culinary Arts. Students will learn and apply principles of safety, sanitation, and food preparation. The students will participate in catering and special projects via The Hive catering company. In addition, they will learn and practice employability skills, goal setting, and problem-solving. They will apply math, science, communication, critical thinking, and collaboration skills to a variety of situations. Students will learn core knowledge and skills in both hot foods and baking. This class is available to students in their junior and/or senior years. Students have the opportunity to earn a nationally recognized certificate through the National Restaurant Association with the ServSafe program, as well as to participate in the SkillsUSA competition. Students are required to purchase a chef's uniform and non-slip shoes (estimated total of \$160; scholarships are available). *Articulation is available at Schoolcraft College and Northern Michigan College.*

CULINARY ARTS 2

Location: Saline High School

Requirements: Grade 12 only, Application Required, Full Year Program, Successful Completion of Culinary Arts 1

Culinary Arts 2 offers advanced coursework and practical application of the skills, techniques, and knowledge gained from the year one course. Year two students select a discipline of either Hot Foods or Baking and Pastry to continue exploring and honing their interest-based skills. Students utilize the Rouxbe CTE curriculum, offering them an in-depth, self-paced medium for growing in knowledge and skill. Students will also participate more actively in The Hive Catering Company by applying nutritional analysis and recipe costing to the weekly

menu and catered events. Year two students also have the opportunity to earn advanced certification through the American Culinary Federation. *Articulation is available at Schoolcraft and Northern Michigan College.*

CYBERSECURITY 1

Location: Chelsea CTE Center

Requirements: Grades 11-12 only, Application Required, Full Year Program

Cybersecurity lays a foundation for understanding cyber law and policy, Linux, networking technology basics, risk assessment, cryptography, and a variety of cybersecurity tools – all the essential knowledge and skills needed to begin a future in the cybersecurity workforce. Not only does Cybersecurity introduce the breadth of cybersecurity concepts and skills to students, but it also prepares them to verify their technical know-how through the CompTIA Security+ certification. Students will also learn pre-requisite skills by working through Cisco Skills for all courses to introduce the basics of networking. This will lay a foundation for understanding Cybersecurity topics at a deeper level.

CYBERSECURITY 2

Location: Chelsea CTE Center

Requirements: Grade 12 only, Application Required, Full Year Program, Successful Completion of Cybersecurity 1

Students will have the opportunity to further their networking and cybersecurity skills. Students can venture down the path to complete their Cisco Certified Network Administrator, or begin working on earning a CCST Networking or CCST Cybersecurity through the Cisco Skills for All course catalog.

ENGINEERING/ROBOTICS 1

Location: Chelsea CTE Center

Requirements: Grades 11-12 only, Application Required, Full Year Program

Engineering & Robotics introduces students to engineering and manufacturing technologies through hands-on experiences. Students will work with 3D printers, a FANUC industrial robot, and a HAAS CNC machine, gaining skills applicable to modern industry. They will apply the Engineering Design Process to identify, plan, and create functional prototypes that solve real-world problems. Students will also build and program mobile robots. This course is open to all students interested in technical or engineering career paths.

ENGINEERING/ROBOTICS 2

Location: Chelsea CTE Center

Requirements: Grade 12 only, Application Required, Full Year Program, Successful Completion of Engineering/Robotics 1

This year-long, advanced course builds on Engineering/Robotics 1, giving students hands-on experience with 3D printers, a CNC router and mill, and a FANUC ER 4ia robot. Students will complete FANUC online training and apply the Engineering Design Process to design, build, and test advanced prototypes. By the end of the course, students will gain practical skills in robotics, manufacturing, and automation, preparing them for further study or careers in engineering and advanced technology fields.

EXERCISE SCIENCE & SPORTS MEDICINE

Location: Chelsea CTE Center & Saline High School

Requirements: Grades 11-12 only, Application Required, Full Year Program

This CTE program introduces students to various aspects of health-related careers, such as Physical Therapist (PT), Athletic Trainer, Occupational Therapist (OT), EMT, First Responder, as well as many others. Students will explore topics including human anatomy and physiology, injury evaluation, diagnosis, treatment, and rehabilitation. Students must have a strong desire to learn about health and the human body, anatomy and physiology, as well as have a strong skill set pertaining to Science, English, and communication. Certifications offered include Physical Therapy Aide Certification and BLS CPR & First Aid. Additionally, students have the opportunity to earn college credit through dual enrollment with Adrian College by taking a three-credit course titled Pathologies of Injuries & Illnesses, which is embedded in this program. Students are required to complete

30 observation hours over the course of the year. At the conclusion of this course, students will gain critical skills needed to save a life, in addition to performing a comprehensive injury evaluation. *Articulation agreements are available with Washtenaw Community College and Adrian College.*

GRAPHIC ARTS ACADEMY 1 (Formerly GraphX)

Location: Dexter High School

Requirements: Grades 11-12 only, Application Required, Full Year Program

Graphic Arts Academy provides skills and experiences for students interested in graphic arts/communications as a possible career or as background for advanced education after high school. Graphic Arts Academy students experience all aspects of a full-service commercial printing/imaging company. This gives students the opportunity to experience the latest technology and employability skills needed to be successful in a graphic arts/communications career. The school-to-work transition is a major focus of the Graphic Arts Academy. *Articulation is available with Ferris State University and Washtenaw Community College.*

GRAPHIC ARTS ACADEMY 2 (Formerly GraphX)

Location: Dexter High School

Requirements: Grade 12 only, Application Required, Full Year Program, Successful Completion of Graphic Arts Academy 1

Students focus mainly on customer-based orders from the Dexter community. Students are exposed to the entire business aspect of the Graphic Communications industry and move through the process of providing full-service imaging on many substrates. Our students will gain exposure to several key areas, including customer service, cost estimating, scheduling, production, and shipping. Students record the entire process from start to finish, and as the semester advances, they compile a portfolio of all their completed work.

HEALTH SCIENCES TECHNOLOGY

Location: Chelsea CTE Center & Saline High School + Clinical Site

Requirements: Grades 11-12 only, Application Required, Full Year Program plus 1 additional period during 3rd trimester for Chelsea and Saline trimester students.

Health Sciences has been designed for students who are interested in health careers at the professional and paraprofessional levels. Areas of study include Career Explorations in Healthcare, Patient Rights and Medical Ethics, Medical Terminology, Anatomy & Physiology, Disease Process, direct patient care, and trends in healthcare. Students will earn multiple industry-recognized certifications, such as BLS for Healthcare Providers, Stop the Bleed, and Teen Mental Health First Aid, while developing essential soft skills such as empathy, teamwork, and professional communication. A key component of this program is the six-week clinical experience, where students will apply their learning in long-term care facilities and other healthcare settings, working directly with patients and healthcare professionals. This program is especially beneficial for students considering careers such as Certified Nursing Assistant, Registered Nurse, NP, PA, Physician, EMT/Paramedic, Radiology/Imaging Specialist, and many others. It provides valuable insight into healthcare career pathways before entering college or training programs. Students who successfully complete all course and clinical requirements are eligible to take the State of Michigan Certified Nursing Assistant (CNA) Exam. The CNA credential is required for admission to the WCC Nursing Program and is recognized by many nursing and allied health programs across the state. CNA work experience is also accepted by many Physician Assistant (PA) programs as required patient-care hours. *Articulation agreements are available with Washtenaw Community College and Ferris State University, offering students a strong head start on their postsecondary education.* Class fees: Scrubs \$30+, Certifications range from \$20-\$50, CNA State Tests \$175.00 + \$40 certification fee, HOSA Membership \$35 and optional competition fees vary.

HOSPITALITY & TOURISM MANAGEMENT

Location: Dexter High School

Requirements: Grades 11-12 only, Application Required, Full Year Program

This program explores the business and management side of the hospitality and tourism industry, including

lodging, food and beverage operations, attractions and travel services, and event management. Students will be introduced to a wide range of career pathways within the field while developing job-readiness and role-specific skills to support their future college and career plans. Success in this course requires consistent attendance, active participation, and a willingness to engage with learning experiences both inside and outside the classroom. Students should be motivated to learn, stay organized, pay attention to detail, and communicate effectively in a variety of settings. Students will also gain real-world experience by planning and executing leadership-driven events through our CTSO, giving them hands-on practice in project management, teamwork, and professional leadership skills. Throughout the program, students will have the opportunity to participate in hands-on learning experiences, including site visits to destinations such as the Detroit Auto Show, Shinola Hotel, Bavarian Inn Lodge, and the University of Michigan Stadium (The Big House), as well as hearing from industry professionals during in-class speaker sessions. Students will have the opportunity to earn the industry-recognized Hospitality and Tourism Specialist Credential.

MARKETING 1

Location: Saline High School

Requirements: Grades 11-12 only, Application Required, Full Year Program

Marketing 1 provides an introduction to the theory and practice of marketing. Students will gain an understanding of how marketing impacts our economy, the decisions they make as consumers, and how companies try to influence individual purchasing decisions. Students will focus on eight functions of marketing through interactive lectures, discussions, application projects, and online simulation activities. The curriculum follows the latest national marketing standards and enforces academic rigor and relevance. All students enrolled in this class will be highly encouraged to join the internationally recognized marketing association, DECA. By taking advantage of DECA membership, students will become academically prepared, community-oriented, professionally responsible, and experienced leaders. *Articulation is available with Ferris State University and Washtenaw Community College.*

MARKETING 2 (Store Operations)

Location: Saline High School

Requirements: Grade 12 only, Application Required, Full Year Program, Successful Completion of Marketing 1

The school store at Saline High School, known as The EDGE, serves as the laboratory for the students and is an integral component of a comprehensive marketing program. The store is operated by students and will provide them with a hands-on learning experience. Time spent in the lab provides students with benefits such as an actual business atmosphere to apply marketing theory and principles, as well as the development of business-like procedures and attitudes. It also encourages leadership and management skills. The fast-paced, customer service-driven environment may also simulate a student's first job and will assist in developing the necessary skill set for success as they transition from school to work. Students will also participate in collaborative projects with other CTE courses, where they will act as a business partner to help promote their course capabilities.

VIDEO GAME DESIGN AND DEVELOPMENT

Location: Saline High School

Requirements: Grades 11-12 only, Application Required, Full Year Program

Get ready to turn your imagination into an interactive reality! In this project-based course, you'll design and build your own web-based video games—from the very first spark of an idea to fully playable levels and polished final games. Whether you love storytelling, art, coding, sound design, or just playing games, there's a place for you here. You'll get hands-on experience with real game development tools as you dive into: game engines like Scratch, Snap!, Unity, and/or Unreal Engine, character and world design, programming and logic, story and narrative development, Sound effects and music, user experience (UX), and player testing. You'll

work together in game dev teams, just like the pros, building collaboration, creative intelligence, problem-solving, and communication skills. Along the way, you'll learn how to analyze games, prototype your ideas, and give/receive helpful design feedback—all while using real-world project management and engineering processes. But this class goes beyond just making games. You'll explore: the history and future of game design, types of games, genre theory, careers in the video game and interactive media industry, game documentation, and portfolio development. You'll also have the opportunity to join the extracurricular BPA (Business Professionals of America) club to compete in game design, animation, and programming events—and develop leadership skills in a nationally recognized organization. Plus, you'll compete in the Games for Change (G4C) competition, where student-created games aim to make a difference in the world. You can even earn an industry-recognized credential. To top it off, you'll build your own portfolio website to show off the games you create—perfect for internships, college applications, or your future studio launch. Field trips and guest speakers from the gaming industry, university video game design/dev professors, and more make the experience even more exciting and real. *Articulation is available for Washtenaw Community College, Ferris State University.*

VIDEO NEWS PRODUCTION 1 (News Media-PM)

Location: Saline High School

Requirements: Grades 11-12 only, Application Required, Full Year Program

The Video News Production class is an in-depth look at broadcast video and school news through digital media production. Students will learn the techniques needed to write, produce, and output news stories and video media that impact their school and community. The broadcast aspect of news media is met by training students in the school broadcast studio and with online learning experiences in video production projects. Students will also be able to produce special interest pieces, mini documentaries, social media content, and podcasts, as well as build their personal media portfolio. Students will work hand-in-hand with local community members, staff members, and other students. SHS Today (PM) - Each student will be exposed to the latest broadcasting technology and techniques as they produce a news show called SHS Today. This show is aired weekly throughout the school, local SCTN channel 18, and on the web. Students will also be able to produce special interest projects working hand-in-hand with local community members. (You are not required to be on camera at any time in this class. Many positions exist behind the scenes, too!)

VIDEO NEWS PRODUCTION 1 (Sports Media-AM)

Location: Saline High School

Requirements: Grades 11-12 only, Application Required, Full Year Program

The Video News Production class is an in-depth look at broadcast video and school news through digital media production. Students will learn the techniques needed to write, produce, and output news stories and video media that impact their school and community. The broadcast aspect of news media is met by training students in the school broadcast studio and with online learning experiences in video production projects. Students will also be able to produce special interest pieces, mini documentaries, highlight reels, social media content, podcasts, and more, working hand-in-hand with local community members, the athletic department, coaches, and student athletes. Students will also have the opportunity to do play-by-play commentary as well as be a sideline reporter at our various athletic events. Hornet Nation (AM) - Each student will be exposed to the latest broadcasting technology and techniques as they produce a weekly sports show called Hornet Nation. Students will work hand-in-hand with the athletic department, coaches, and athletes to produce an ESPN-style news show for the school, as well as many other special projects throughout the year. (You are not required to be on camera at any time in this class. Many positions exist behind the scenes, too!)

VIDEO NEWS PRODUCTION 2 (News Media-PM)

Location: Saline High School

Requirements: Grade 12 only, Application Required, Full Year Program, Successful Completion of Video News Production 1

The Video News Production 2 class is an extension of VNP 1, which is an in-depth look at broadcast video and school news through digital media production. Students will continue to learn and improve on the techniques

needed to write, produce, and output news stories and video media that impact their school and community. Leadership opportunities are available for qualified second-year students. “Adobe Certified Professional” certifications are available in Adobe Premiere Pro and Photoshop.

SHS Today (PM) - Each student will be exposed to the latest broadcasting technology and techniques as they produce a news show called SHS Today. This show is aired weekly throughout the school, local SCTN channel 18, and on the web. Students will also be able to produce special interest projects, working hand-in-hand with local community members. (You are not required to be on camera at any time in this class. Many positions exist behind the scenes, too!)

VIDEO NEWS PRODUCTION 2 (Sports Media-AM)

Location: Saline High School

Requirements: Grade 12 only, Application Required, Full Year Program, Successful Completion of Video News Production 1

The Video News Production 2 class is an extension of VNP 1, which is an in-depth look at broadcast video and school news through digital media production. Students will continue to learn and improve on the techniques needed to write, produce, and output news stories, content, and video media that impact their school and community. Leadership opportunities are available for qualified second-year students. “Adobe Certified Professional” certifications are available in Adobe Premiere Pro and Photoshop.

Hornet Nation (AM) - Each student will be exposed to the latest broadcasting technology and techniques as they produce a weekly sports show called Hornet Nation. Students will work hand-in-hand with the athletic department, coaches, and athletes to produce an ESPN-style news show for the school, as well as many other special projects throughout the year. (You are not required to be on camera at any time in this class. Many positions exist behind the scenes, too!)

WELDING & FABRICATION 1

Requirements: Grades 11-12 only, Application Required, Full Year Program

This course is open to any student interested in metalworking and the world of fabrication. Students will be introduced to the use and application of basic hand tools & power tools as well as modern fabrication equipment while constructing projects made from metal. During the first trimester, students will rotate through various different welding processes to gain understanding and experience with all available equipment. Knowledge in the joining processes of GMAW, SMAW, FCAW, GTAW, and OAW will be developed. During the second trimester, students will have the opportunity to choose which welding process they would like to work with each day. This allows students to focus on the processes that interest them the most and gives them the freedom to practice for competitions. Students who are interested in competing will get a chance to prove that they have what it takes to represent the SWWC at various competitions in and out of state. Prizes include scholarship opportunities, welding supplies, welding machines, and more. During the third trimester, students will have the opportunity to construct a project of their own design. They will learn how to create a materials list, welding blueprint, and operations sheet. After the design process, students will buy their own metal and assemble their project in class. A detailed PowerPoint presentation will be required after each project is finished. *Students who excel may receive articulated college credits from Washtenaw Community College or Ferris State University and be prepared for the AWS welding certification test.*

WELDING & FABRICATION 2

Requirements: Grade 12 only, Application Required, Full Year Program, Successful Completion of Welding & Fabrication 1

This advanced course builds on the foundational skills they have learned in year 1, preparing them for a successful career in the welding industry. First Trimester will continue with studies in SMAW, GMAW, FCAW, GTAW, PAC, OAC, and CAG in various positions. They will master advanced welding techniques, gain proficiency in specialized welding processes, develop critical thinking and problem-solving skills for complex welding projects, and learn about welding safety and industry standards. The second trimester will consist of blueprint reading, layout theory, testing, and inspection to ensure industry standards. Students will take what

they have learned and put it to use in lab projects that they can then take home. The third trimester is all about welding in the industry, welding in the field, and welding competitions. Students will use problem-solving skills to read competition blueprints and compete on an advanced level. At the end of the year, students will have the opportunity to walk away with an AWS welding credential and/or AWS welding certification.

WORK-BASED LEARNING

Requirements: Grade 12 Only, Application Required, Full Year Program

Work-Based Learning is offered to senior students who completed a SWWC class the previous school year.

They have an opportunity to get a paid job to learn skills related to their prior coursework. They will be released from school and receive high school credit for working a job in their chosen career field. The benefits include earning high school credit while working at a job in the community, learning valuable work skills related to a career of interest, learning responsibility, time management skills, and valuable communication skills, earning money, and getting a start in a career while in high school. To be considered for this program, the student must have completed 11th grade, have good school attendance, a minimum GPA, and must obtain teacher and counselor recommendations. Students will be required to keep regular paperwork and timesheets, and must sign in every day for attendance purposes.

ZOOLOGY-Animal Systems & Pre-Veterinary Science

Requirements: Grades 11-12 only, Application Required, Full Year Program

This course is an introduction to animal science, pre-veterinary skills, & agribusiness. Students raise broiler chickens & aquatic classroom pets, along with gaining the background knowledge and safety training necessary to complete this hands-on work. This course will provide students with a foundation in animal science & husbandry, livestock studies, companion animal studies, and agribusiness practices. Topics include animal domestication, poultry science, animal anatomy & physiology, animal reproduction & genetics, animal nutrition & digestion, animal welfare, animal diseases & biosecurity, recordkeeping, and agribusiness finances.

Articulation is available with Michigan State University upon completion of both the Botany & Zoology courses and receiving the FFA State Degree. Membership and participation in activities of the National FFA Organization are a required and beneficial part of all agriculture, food & natural resources (AFNR) classes. Students will be required to apply hands-on skills outside of the classroom to AFNR-related work-based and research-type supervised experience projects as part of their evaluation and grade. Students will also have the opportunity to compete, travel, and win cash awards, recognition, and scholarships in the FFA. A \$20 dues payment for membership in the National FFA Organization (once per school year) is a required cost of this program.