



SWWC PROGRAM HIGHLIGHTS

*All programs offered at Saline High School, unless indicated otherwise

Advanced Photography w/ Mr. Rodriguez (Room C224)

- Students will have the opportunity to express their creative abilities through photography.
- Students will learn how to use 35 mm, medium format, large format, and digital cameras.
- Students will learn about studio equipment, such as backdrops and studio lighting.
- Students can become Adobe Certified Professionals in Adobe Photoshop.
- Students will learn the historical aspects of photography as well as begin to understand the photography industry.
- We will participate in two gallery shows within the community (one in the winter and one in the spring).
- Learn to work with a team to complete successful live photography shoots with real clients.
- We will build a portfolio of your work to help you get into college or start your career.

Automotive Technology w/ Mr. Sly (Room B225)

- Automotive Technology is a two-year class.
- Driver's education, part one, is a prerequisite for the class.
- All students will work with Snap-On tools.
- Our program has 16 late-model vehicles for the students to work on.
- Our curriculum is based on the ASE NATEF Maintenance and Light Service task-based curriculum.
- The first-year program covers light service, engine mechanical, lubrication system, cooling system, and a complete electrical system unit.
- The second-year program covers braking systems, Steering, Suspension, Wheel Alignment, and Engine Performance.
- Our class allows students to work on their own vehicles.
- Our class participates in the SkillsUSA Student Organization.
- The expectations in my class are high, but the rewards are infinite.

Botany w/ Ms. LoPresto (Room B233)

- Botany will be taught in the AM (2nd period) for 2025 -2026
- Students completing both Botany & Zoology classes (11th & 12th grade - 2 years) may earn 6 college credits at Michigan State University
- Students will learn how to grow culinary herbs, flowers, and vegetables in soil as well as hydroponically.
- Students grow flowers in the greenhouse
- Students will learn how to safely operate commercial zero-turn mowers, tractors, aerators, skid

steer loaders, and handheld landscape equipment as available.

Botany continued...

- Hands-on ag-related experiences outside the classroom count toward Supervised Ag Experience hours for class (example: Ag research project, working in a greenhouse, florist, or landscaper, or having your own related entrepreneurial business like mowing).
 - Communication & Leadership skills are developed through competitive events in the student leadership organization FFA. (which is part of the class grade)
 - Students can earn industry certifications, college credits, cash awards, travel, and scholarships through FFA and ICEV.
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Building Trades w/ Mr. Rittenhouse (Class Offsite @ 202 W. Bennett Street, Saline)

- Projects include building & selling storage sheds and other community improvements.
 - Concrete, framing, roofing, siding, window & door installation, trim carpentry, basic residential electrical, and safe and skilled operation of power tools.
 - Work on resumes and employability skills. We work with you to find real jobs!
 - Students earn an OSHA 10 certificate (mandatory)
 - Students can earn the HBA Skilled to Build certificate (all students will test for this).
 - A series of guest speakers from industry, union training centers, and college programs.
 - Field trips to training centers, trade shows, and construction sites. Operate heavy equipment!
 - Supplemental online curriculum (ICEVOnline).
 - Opportunity to compete in the Washtenaw Invite carpentry competition.
 - Fun Fridays!
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CAD - Engineering/Architectural w/ Mr. Vasiloff (Room C202)

- Students will learn how to use modern 3D CAD software in their path of choice, either Engineering (Technical and Mechanical) or Architectural.
 - Students will have the opportunity to complete creative projects.
 - Students will have the opportunity to compete.
 - SkillsUSA state champions in both paths for the last 5 years.
 - Our program has won back-to-back SkillsUSA national championships. Regularly top 10.
 - Students will have the opportunity to earn an industrial certification.
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Careers in Education w/ Mrs. Freeburn (Room C207)

- Students spend a large portion of their first trimester onboarding with safety training, professionalism/skills training, establishing credentials and professional development accounts, and training on what to expect to get ready to work in a classroom.
- Halfway through 1st trimester, students are placed in a classroom anywhere from preschool to 8th grade, depending on their focused age group, and work alongside their Mentor Teacher as a teacher assistant in their classroom.
- 2nd & 3rd Trimester, students attend weekly "Staff Meetings" at SHS each Monday to continue Professional Development, and then spend the remainder of the week working in their placement classroom.
- A history of regular attendance in school is required. Our Mentor teachers plan to utilize you in their classroom, and students anticipate your presence!

Careers in Education continued...

- Transportation requirements: Once placement begins, you must have your own vehicle to drive to the school where you are placed, the ability and permission to walk to your placement school, or the willingness to take school-provided transportation to be placed at Harvest Elementary (Y5-3rd grade) across the street from SHS.
 - Students will learn developmentally appropriate ways to assist and encourage their students' physical, mental, emotional, and social growth.
 - Students will be introduced to lesson planning, classroom management techniques, working with students with special needs and diverse learners, as well as various instructional strategies.
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Computer Servicing / Electronics w/ Dr. Sartori (Room 302)

- Students will use state-of-the-art simulators combined with hands-on experiences
 - Nationally recognized CompTIA A+, Network+, and Security+ Testout curriculum
 - Opportunity to earn **National Certification Exams**
 - Students will learn Hardware, Operating Systems, Linux, Networking, and Security
 - Participation in Business Professionals of America competitions
 - Leadership opportunities, student council, and other organizations
 - Students can earn college credit at Washtenaw Community College
 - Support from local businesses, guest speakers, field trips, and internships
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Computer Integrated Manufacturing/Engineering w/ Mr. Trout (Room B227)

- Students will learn how to manufacture the projects that they design.
 - Students will learn how to operate Manual Mills and Lathes.
 - Students will learn how to program and operate CNC Mills, Lathes, and 3D Printers.
 - No prior knowledge or experience is required to take this course.
 - Students will have the opportunity to compete in manufacturing competitions.
 - Students will get the chance to earn industry-recognized credentials from Titans of CNC, Snap-On, and Stratasys.
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Cosmetology w/ Ms. Sines (Class Offsite @ 7025 E. Michigan Ave, Suite A, Saline)

- Cosmetology is a two-year/1,500-hour program. This includes a mandatory summer session between the first and second year. SWWC students attend from 7:45 a.m. to 11 a.m., Monday through Friday.
 - The program is designed for responsible and serious students who want to pursue a career in the cosmetology field.
 - Cosmetology covers hair, skin, and nails. A licensed cosmetologist may work within all 3 areas.
 - A fully stocked kit will be provided. Upon successful completion of the program, the student may keep the kit and its contents.
 - The course follows the Milady 14th edition curriculum.
 - Students will have the opportunity to compete with SkillsUSA at cosmetology-related events.
 - Upon completion of the program, students will have the requirements necessary to take the state licensing exam (administered by the State of Michigan/PSI).
 - Interested students must apply and be interviewed for limited spots. Qualified applicants must demonstrate responsible conduct and have an excellent attendance rate.
 - Students must have their own transportation to and from Huron Valley Beauty Academy.
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Culinary Arts w/ Chef Phelps and Chef Shaw (The Hive OR Phelps Room 201 - Shaw Room 103)

- Students learn basic methods in both baking and cooking during 1st trimester
 - Students will explore their primary interest- baking or cooking- during the 2nd trimester
 - Students study Global Cuisine during 3rd trimester
 - Both Baking and Cooking students participate in The Hive Catering events
 - All students will be offered the ServSafe Certification
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CyberSecurity w/ Mr. Rickli (Class @ Chelsea's CTE Center, 500 Washington Street, Chelsea)

- Students will learn Networking through an industry-recognized credentialing curriculum
 - Students will enroll in Cisco NetAcad
 - Students will learn the necessary skills for Cybersecurity
 - Students will prepare for CCNA, Network+, and Security+ certifications
 - Students will have the opportunity to earn up to 12 WCC credits
 - Students can dual-enroll in the WCC Automotive Cybersecurity Certification Program
 - Students will participate in hands-on and virtual labs
 - Students will have the chance to attend field trips and hear local guest speakers.
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Engineering / Robotics w/ Mr. Moss (Class @ Chelsea's CTE Center, 500 Washington Street, Chelsea)

- Students will experience the Engineering Design Process through hands-on learning activities.
 - Students will become proficient with CAD software and 3d printing technologies using both the Ultimaker and Stratasys 3d printers.
 - Students will learn how to operate and program a FANUC industrial robot. FANUC is the number one industrial robot maker in the world.
 - Students will use simulation software to mimic real industrial robot applications.
 - Students will build and program mobile robots.
 - Students will learn how to use industrial machinery (Manual Mill, CNC Mill, Shopbot, and Glowforge) in solving engineering problems.
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Accounting w/ Ms. Rollins (Room C346)

- Learn Accounting, which is the language of business.
 - Complete projects that incorporate the entire Accounting cycle.
 - Learn how financial decisions are made.
 - Learn how to calculate and analyze paycheck stubs.
 - Business math is emphasized.
 - Learn how to evaluate stocks!
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Exercise Science and Sports Medicine w/ Mrs. Suiter (Room C344 @ SHS in the AM and @ Chelsea's CTE Center, 500 Washington Street, Chelsea in the PM)

- This is a hands-on course, allowing students to explore different careers within the field of exercise science and sports medicine. Students will be introduced to topics in Athletic Training, Physical Therapy, Emergency Medicine, Anatomy, and Medical Terminology.
- Students will learn how to successfully perform an injury evaluation on an athlete.
- Students will be able to diagnose and learn how to provide post-injury care for specific injuries.
- Students will learn the necessary skills to provide emergency care and save a life.
- Participate in live scenarios and mock simulations, using emergency medicine skills.

Exercise Science and Sports Medicine continued...

- Students have the option to obtain different certifications, such as First-Aid/CPR, and Teen Mental Health and First-Aid.
 - Students have the option of dual enrollment to receive college credits through Adrian College during the duration of this course.
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Graphic Arts Academy w/ Mr. Stanko (Class @ Dexter High School, 2200 N. Parker Rd. Dexter)

- Work in the fast-paced Dexter Graphic Arts shop to fulfill customer orders.
 - Students can become Adobe Certified Professionals in Adobe InDesign, Illustrator, and Photoshop, and/or Screen Printing.
 - Learn about communication, invoicing, and other essential skills for running a creative business.
 - Produce work using large format printers, vinyl cutters, digital presses, and other graphic arts equipment.
 - Connect with local graphic arts companies to explore career paths and make professional connections.
 - Build an online portfolio/website to showcase your work.
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Health Sciences w/ Mrs. Welt (Class @ Chelsea's CTE Center, 500 Washington Street, Chelsea in the AM and @ SHS in Room C220 in the PM)

- This is a very fun, action-packed class- you get to work with Simulation mannequins, partners as patients you can feed, change their beds, transfer to w/c, and walk them with canes and walkers; you will even experience what it is like to grow old! Learn how to make work fun!
 - This is a year-long class for juniors and seniors. The State of Michigan oversees all CNA programs and requires a minimum contact hours in order to sit for the CNA exam. To learn during this skill-based, hands-on learning program, you must be present.
 - Interested students must apply and be interviewed for limited spots. Qualified applicants must demonstrate responsible conduct and have an excellent attendance rate.
 - Once clinicals begin, you must have your own vehicle to drive to the long-term care facility in Saline or Chelsea, depending on your class location.
 - This Class will cover Health Occupations exploration, Health Sciences, Medical Terminology, and the Certified Nursing Assistant (CNA) coursework, including classroom/lab components, speakers, and an 8-week clinical rotation to prepare you for the State CNA certification Test.
 - This class is very fast-paced. By the end of this coursework, you will have obtained certification in BLS, First Aid, Teen Mental Health First Aid, Stop the Bleed, and an Independent Study Medical Terminology course for 3-6 articulated college credits.
 - Upon successful completion, you will be able to work the summer as young as 17 years of age in multiple locations with the skills gained from this course, including Geriatric LTC, ALF, IHA Medical group, Hosp, pharmacy, lab, and community families seeking respite workers for special needs clients.
 - If you take this course for 2 years, the 2nd year is work study, work as a CNA during school hours- get paid, get school credit, and have a step up to get a better job with this resume-boosting class! If this sounds like you.....Fill out your application and come join us!
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Hospitality and Tourism Management w/ Mrs. Ford (Class @ Dexter High School, 2200 N. Parker Rd. Dexter)

- This program will focus on the different types of lodging, food & beverage operations, attractions, travel, and event management.
 - We will also dive further into business & leadership skills
 - Although the class is based at Dexter High School, we will be visiting places such as The Graduate in Ann Arbor, Zingerman's, and Ford Field to learn more about their operations.
 - Additionally, students will have the opportunity to earn the industry-recognized *Hospitality & Tourism Specialist* credential.
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Marketing w/ Mrs. Mailloux (Room A216 and The EDGE - school store)

- During the year, students will learn about the 7 Functions of Marketing, Pricing, Selling, Marketing Information Management, Marketing Research, Channel Management, Marketing Communications, Product Management, and Entrepreneurship.
 - In addition to class discussions, reading, and activities, students will engage in multiple project-based learning activities such as giving sales presentations, conducting market research, creating marketing campaigns, and developing a business plan for a food truck, among other projects.
 - Marketing I serves as a prerequisite for Marketing II, which is Retail Operations. Students should consider their performance in Marketing I as a year-long interview for placement into Marketing II!
 - Students will be encouraged to join the extracurricular, nationally recognized business organization called DECA.
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Video Game Design and Development w/ Mrs. Mulder-Seward (Room C246)

- Students will learn to plan, design, create, and develop video game components and entire games.
 - Game engines like Scratch, Unity, and/or Unreal Engine are used to develop multiple web-based games.
 - Throughout the course, the students will also explore the history of game design, types of games, the game design process, careers in the video game industry, game documentation, project management, and more.
 - Students will be encouraged to join the extracurricular, nationally recognized business organization called BPA (Business Professionals of America)
 - Students will have the opportunity to join and compete in video game design/development competitions through BPA (Business Professionals of America)
 - The Students will compete in the Games for Change competition
 - The students have the opportunity to become certified in a game engine, like Unity.
 - Students will create a portfolio website to showcase the games they have created throughout the course.
 - Field trips and guest speakers are used to reinforce concepts learned in class.
 - Students can earn course credit from Washtenaw Community College, Ferris State University, or Baker College.
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Video News Production w/ Mr. Hotopp (Room C244)

- Learning the video industry through the vehicle of a news broadcast.
 - Work as a team to produce weekly news shows.
 - Morning students produce SHS Today - a general news show about Saline High School
 - Afternoon students produce Hornet Nation - a sports show showcasing Saline sports programs
 - Students can become Adobe Certified Professionals in Adobe Premiere Pro (and possibly Photoshop)
 - Leadership opportunities within the learning environment are available for capable students
 - Compete at the state level through the Michigan Interscholastic Press Association and the Michigan Association of Broadcasters
 - This program is consistently named one of the top broadcasting programs in the State of Michigan
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Visual Imaging Technology w/ Mr. Rodriguez (C224)

- Students will have the opportunity to express their creative abilities through design.
 - Students learn about each stage of the media production process.
 - Prepares students for a career path within the design and printing industry.
 - Students can become Adobe Certified Professionals in Adobe InDesign, Illustrator, and Photoshop.
 - Image making, both digitally and printed, is a focus.
 - Students will learn about the newest technologies in the industry.
 - Learn to work with a team to complete successful design and printing projects for real clients.
 - We will build a portfolio of your work to help you get into college or start your career.
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Welding w/ Mr. Butts (Room B229)

- Students will learn 5 different types of welding processes.
 - Students will learn two different types of cutting (OFC/PAC) and two types of shears.
 - Students will learn how to weld basic welds, starting with stringer beads, surface pads, and weave beads.
 - Students will learn the basic joints to be welded (Butt, Lap, T, and Corner)
 - 8 Credits of articulation for Washtenaw Community College (2 full classes)
 - 4 Credits of articulation for Ferris State University
 - Over 20 certifications are available throughout the year
 - 2nd-year students will be able to put their welds to the test with Nondestructive testing (NDT) and destructive testing (Bend Tests)
 - Opportunity for summer internships and potential career opportunities.
 - Students will also have the opportunity to compete at multiple welding competitions throughout the year, some including WCC invitationals, FSU, and SkillsUSA.
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Work-Based Learning - Ms. Rollins (Room C346)

Work-Based Learning is offered to senior students who had a SWWC class last 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 and time management skills
- Learning valuable communication skills
- Earning money
- Getting a start in a career while in high school.

To be considered for this program, the student must have the following:

- Completed 11th grade
- Good school attendance
- Teacher and counselor recommendations
- A minimum GPA
- Students will be required to keep regular paperwork and timesheets
- Students will be required to sign in every day for attendance purposes.

Zoology w/ Ms. LoPresto (Room B233)

- Students completing both the Botany & Zoology classes (11th and 12th grade - 2 years) may earn 6 college credits at Michigan State University.
- Animal physiology, anatomy, nutrition, identification, food processing, food safety, disease, and pest management are part of the basics learned in this class.
- Students will learn how to care for meat bird chickens and experience a trip to an animal processing facility.
- Students will learn about poultry, livestock, horses, and companion animals in this class
- Hands-on ag-related experiences outside the classroom count toward Supervised Ag Experience hours for class. (for example, volunteering at an animal facility or vet)
- Communication & Leadership skills are developed through competitive events in the student leadership organization FFA, which is part of the class grade.
- Students can earn industry certifications, college credits, awards, travel, and scholarships through FFA and ICEV.

Visit our website at www.TheSWWC.org to learn more and watch a promotional video about all of our CTE programs!

