



**2026-2027**  
**CAREER & TECHNICAL EDUCATION**  
**PROGRAM OFFERINGS**

**Center Line High School**  
**Fitzgerald High School**  
**Lincoln High School**  
**Warren Woods Tower High School**

***"AN EQUAL OPPORTUNITY EDUCATIONAL SYSTEM"***

# **Southwest Macomb Technical Education Consortium**

## **MISSION STATEMENT**

The mission of the Southwest Macomb Technical Education Consortium (SMTEC) is to provide high caliber Career & Technical Education (CTE) and Career Development programs for all students within the consortium. As innovative leaders in CTE, SMTEC will continue to strive for excellence and leadership through the implementation of the various local, state, and federal initiatives.

### **Steven J. Kay**

CTE Director/SMTEC  
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### **SMTEC School Advisors**

**Center Line High School**  
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**Fitzgerald High School**  
Ms. Lindsey Newell  
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### **Warren Woods Tower High School**

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# **SMTEC**

## **Career & Technical Education**

### **Program Offerings**

### **Table of Contents**

- 4      Introduction to Students and Parents
- 5      Articulation Agreement
- 7      Nondiscrimination Policy
- 8      Grievance
- 10     SMTEC Building Locations
- 11     SMTEC CTE Program Offerings
- 12     Arts & Communications
  - Graphic Communications
  - Digital Media
- 14     Business, Management, Marketing & Technology
  - Business, Management and Administration
  - Finance: Accounting
  - Marketing Sales and Service
- 16     Engineering/Manufacturing & Industrial Technology
  - Manufacturing Career, Welding
  - Science, Technology, Engineering, and Mathematics
  - Transportation, Distribution, and Logistics
- 19     Health Sciences
  - Health Science
- 24     Human Services
  - Education and Training
  - Human Service: Cosmetology
  - Hospitality and Tourism: Foods and Hospitality
  - Law, Public Safety, Corrections, Security
- 27     Government & Public Administration



## Southwest Macomb Technical Education Consortium

12900 FRAZHO ROAD • WARREN, MICHIGAN • 48089

Steven Kay  
CTE Director, SMTEC  
(586) 439-4456  
Fax (586) 353-0544

Dear Parents and Students:

Our goal at SMTEC is to help “Build Tomorrow’s Work Force... Today.” SMTEC is a partnership between Center Line, Fitzgerald, Van Dyke, and Warren Woods school districts to provide Career Technical Education (CTE) to high school students. Students may enroll in any SMTEC class that isn’t offered in their school/district. CTE classes focus on high-wage, high-demand skills needed in today’s workforce, integrating academic core content. SMTEC courses may meet Michigan Merit Curriculum requirements not only as electives, but also in some academic areas. All CTE courses offer college credit through Articulation Agreements with a variety of Michigan colleges and universities.

A few important points:

- SMTEC has been offering courses to students for over 40 years.
- Nearly 60% of SMTEC high school students enroll in a CTE course.
- Over 20 programs are offered in 5 of the Michigan Career Pathways
- Transportation is provided between the SMTEC high schools.
- Courses are open to 9-12 grade students, **upon counselor approval**

We hope your student will take advantage of the exciting opportunities that await them in these career-focused courses. Please contact our office if we can assist or provide further information.

Cordially,

Steven J. Kay  
CTE Director, SMTEC

**SOUTHWEST MACOMB TECHNICAL EDUCATION CONSORTIUM**  
**Local and Statewide Articulation**

Articulation is a method of granting university-level course credit for learning and skills accomplished as part of secondary school instruction. Below is a list of top State-Wide and Individual Articulation Agreements with colleges and universities. For a more detailed list of State-Wide Articulations please visit: [https://www.michigan.gov/mde/0,4615,7-140-2629\\_68426---,00.html](https://www.michigan.gov/mde/0,4615,7-140-2629_68426---,00.html)

**Articulated College Credit can be earned with all CTE courses. Consult with the instructor of the course for more information.**

Career Pathway	Baker College	Davenport	Macomb Community College	Mid Michigan College	Mott Community College	Northern Michigan University	Oakland Community College	Washtenaw Community College
<b>Arts &amp; Communication</b>								
Graphic Communication		X	X	X	X		X	X
Digital Media Production	X	X	X	X	X		X	X
<b>Business Management, Marketing &amp; Technology</b>								
Accounting	X	X		X	X	X		X
Business Management	X	X			X	X	X	X
Marketing	X	X		X	X	X	X	
<b>Engineering/Marketing &amp; Industrial Technology</b>								
Automotive Technology	X	X			X	X		X
Mechanical Drafting/CAD		X	X		X	X	X	
Manufacturing Technology	X	X	X				X	
Welding	X	X		X	X	X		X
<b>Health Sciences</b>								
Medical Careers and Systems- Anatomy & Physiology for Health Careers	X	X		X	X	X		X
Medical Careers and Systems	X	X		X	X	X		X

Dental Assistant	X	X	X	X	X	X		X
Emergency Medical Technician	X	X		X				X
Emergency Medical Responder & Intro to Health Careers	X	X		X				X
Medical Assistant	X	X		X	X	X		X
Medical Careers and Systems-Medical Terminology	X	X		X		X		X
Nursing Assistant	X	X		X				X
Pharmacy Technician	X	X		X	X	X		X
Physical Therapy Professional Aide	X	X		X	X	X		X
<b>Human Services</b>								
Cosmetology		X			X			X
Educational Careers	X	X		X	X	X		
Firefighting	X	X		X		X	X	
Law Enforcement	X	X		X		X	X	
Personal & Culinary Services	X	X			X	X	X	
<b>Government &amp; Public Administration</b>								
J(ROTC)	X	X						

**STUDENTS, PLEASE NOTE:**

1. Students selecting Career & Technical Education programs that are available in their home school or district **are to enroll in those programs.**
2. Bus transportation is provided for students attending classes OUTSIDE of their district.
3. When a program is two years in length, juniors will have first priority in enrolling in the beginning class.
4. All high school students can enroll in Career & Technical Education programs. However, 9<sup>th</sup> and 10<sup>th</sup> grade must **have permission and recommendation of their high school counselor and principal.**
5. When a program is over-enrolled, counselors will use a random selection process (lottery) among all eligible and interested students to determine enrollment. This process ensures that selection procedures are fair and do not discriminate on the basis of race, color, national origin, sex, or disability.

In compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, the American with Disabilities Act of 1990, and the Elliott-Larsen Civil Rights Act of 1977, it is the policy of the Warren Woods School District that no person (or student) shall, on the basis of race, color, religion, national origin or ancestry, gender, sex, age, disability, height, weight, or marital status be excluded from participation in, be denied the benefits of, or be subjected to discrimination during any program or activity or in employment. For information, contact (586) 439-4401. Email: titleix@mywwps.org

Inquiries related to discrimination on the basis of disability should be directed to:

**Stacie Sward, 504 Coordinator**  
**Warren Woods Public Schools**  
**12900 Frazho Rd.**  
**Warren, MI 48089**  
**(586) 439-4464**

Direct all other inquiries related to any other discrimination to:

**Stacey Denewith-Fici, Superintendent**  
**Warren Woods Public Schools**  
**12900 Frazho Rd.**  
**Warren, MI 48089**  
**(586) 439-4417**

In addition, arrangements can be made to ensure that the lack of English language skills is not a barrier to admission or participation.

**GRIEVANCE PROCEDURES  
FOR  
TITLE VI OF THE CIVIL RIGHTS ACT OF 1964  
TITLE IX OF THE EDUCATION AMENDMENT ACT OF 1972  
SECTION 504 OF THE REHABILITATION ACT OF 1973  
AGE DISCRIMINATION ACT OF 1975  
TITLE II OF THE AMERICANS WITH DISABILITIES ACT OF 1990**

Section I

Any person believing that the Warren Woods School District or any part of the school organization has inadequately applied the principles and/or regulations of (1) Title VI of the Civil Rights Act of 1964, (2) Title IX of the Education Amendment Act of 1972, (3) Section 504 of the Rehabilitation Act of 1973 (4) the Age Discrimination Act of 1975, and/or (5) Title II of the Americans with Disabilities Act of 1990, may bring forward a complaint, which shall be referred to as a grievance to:

**Civil Rights Coordinator  
12900 Frazho Rd.  
Warren, MI 48089  
(586) 439-4417**

Section II

The person who believes a valid basis for grievance exists shall discuss the grievance informally and on a verbal basis with the Civil Rights Coordinator, who shall in turn investigate the complaint and reply with an answer within five (5) business days.

If the complainant feels the grievance is not satisfactorily resolved, they may initiate formal procedures according to the following steps.

Step 1

A written statement of the grievance signed by the complainant shall be submitted to the local Civil Rights Coordinator within five (5) business days of receipt of answers to the informal complaint. The coordinator shall further investigate the matters of grievance and reply in writing to the complainant within five (5) business days.

Step 2

A complainant wishing to appeal against the decision of the local Civil Rights Coordinator may submit a signed statement of appeal to the Superintendent of Schools within five (5) business days after receipt of the coordinator's response. The Superintendent shall meet with all parties involved, formulate a conclusion, and respond in writing to the complainant within ten (10) business days of the meeting.

### Step 3

If unsatisfied, the complainant may appeal through a signed, written statement to the Board of Education within five (5) business days of receiving the Superintendent's response in Step 2. In an attempt to resolve the grievance, the Board of Education shall meet with the concerned parties and their representatives within forty (40) days of the receipt of such an appeal. A copy of the Board's disposition of the appeal shall be sent to each concerned party within ten (10) days of this meeting. The decision of the Board of Education is final.

Inquiries concerning nondiscrimination may be directed to the Regional U.S. Department of Education/Office for Civil Rights, 600 Superior Avenue East, Suite 750, Cleveland, OH 44114-2611. Anyone at any time may contact the U.S. Department of Education/Office for Civil Rights for information and/or assistance at (216) 522-4970.

The local Coordinator, on request, will provide a copy of the district's grievance procedure and investigate all complaints in accordance with this procedure.

A copy of each of the acts and the regulations on which this notice is based may be found in the Civil Rights Coordinator's office.

# **SMTEC**

## **Building Locations**

### **Center Line High School**

26300 Arsenal Avenue  
Center Line, MI 48015  
(586) 510-2100  
\*Located 1/2-mile south of I-696  
and 1/2 mile east of Van Dyke

### **Fitzgerald High School**

23200 Ryan Road  
Warren, MI 48091  
(586) 757-7070  
\*Located just north of Nine Mile  
on the east side of Ryan Road

### **Lincoln High School**

22900 Federal  
Warren, MI 48089  
(586) 758-8305  
\*Located 2 blocks east of Van Dyke  
on Federal at 9 Mile Road

### **Warren Woods Tower High School**

27900 Bunert  
Warren, MI 48088  
(586) 439-4402  
\*Located 1/2-mile south of 12 Mile Road  
on Bunert at Martin Road

# SOUTHWEST MACOMB TECHNICAL EDUCATION CONSORTIUM

Career Pathway	Programs	CLHS	FHS	LHS	WWTHS
Arts & Communication	Digital Media Production I, II, III, IV		X		X
	Graphic Communication I, II	X			
Business Management, Marketing & Technology	Accounting I, II	X			X
	Business Management	X			
	Marketing I, II	X	X		X
	Sports Entertainment Marketing		X		
Engineering/Manufacturing & Industrial Technology	Automotive Technology I, II, III		X	X	
	Manufacturing Technology I, II				X
	Mechanical Drafting/CAD I, II, III				X
	Welding	X			
Government & Public Administration	JROTC	X			
Health Sciences	Dental Assistant I, II				X
	Emergency Medical Technician	X			
	Emergency Medical Responder & Intro to Health Careers	X			
	Medical Assistant				X
	Medical Careers & Systems: Anatomy & Physiology		X		X
	Medical Careers & Systems: Exploration into Medical Careers	X	X		
	Medical Careers & Systems: Medical Terminology				X
	Nursing Assistant				X
	Pharmacy Technician		X		
Human Services	Physical Therapy Aide I, II		X		
	Cosmetology I & II				X
	Educational Careers Program	X			
	Firefighting	X			
	Hospitality/Culinary, I, II, III, IV			X	X
	Law Enforcement	X			
	Externship (Co-op)*	X	X	X	X

## **ARTS & COMMUNICATIONS**

### **Course Descriptions**

#### **ARTS, A/V TECHNOLOGY & COMMUNICATIONS**

##### **GRAPHIC COMMUNICATION I**

(SMTEC: CLHS)

Grades: 10-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: Communication Skills for Business Professional Communication/CertiPort: Visual Design using Adobe Photoshop**

Graphic Communication I utilizes design software such as Adobe Creative Cloud programs including Photoshop, Illustrator, InDesign, and more to introduce students to the digital design and communication fields. A hand-on learning model is used in all assignments and projects. Digital printing will be used to output designs, posters, and publications. Students will use creative thinking and problem solving to design logos, business forms, garment designs, and artistic layouts, as well as business cards, note pads, advertisements, and t-shirts. By the end of this course, learners should develop a strong base of graphic arts knowledge, which will be built upon for their remaining years in the program.

##### **GRAPHIC COMMUNICATION II**

(SMTEC: CLHS)

Grades: 11-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: Communication Skills for Business Professional Communication/CertiPort: Visual Design using Adobe Photoshop**

**Prerequisite:** Successful completion of Graphic Communication I

Graphic Communication II will be an in-depth study of digital design and editing, publication design, and printing process workflow. Adobe Creative Cloud Photoshop, Illustrator, InDesign, and Premiere Pro software will be used in this course. Basic photography skills will be developed using Nikon cameras and Photoshop will be used to retouch and edit student work. Personal and custom logos will be vectored using Illustrator. Industry quality publications will be laid out using InDesign Graphics, video, and sound will be generated and edited using Premiere Pro.

##### **DIGITAL MEDIA PRODUCTION I**

(SMTEC: FHS, WWTHS)

Grades: FHS: 9-12, 1 credit, WWT: 9-12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Certification: CertiPort: Visual Design using Adobe Photoshop**

Digital Media Production prepares the student for employment or entry into a post-secondary education program in the Broadcast/Video Production career field. The topics covered may include the history of mass media, terminology, safety, basic equipment, script writing, production teams, production and programming, set production, lighting, recording and editing, studio production, and professional ethics. Students are expected to acquire a thorough understanding of the basic elements of video production and all concepts taught will be utilized in subsequent courses.

## **DIGITAL MEDIA PRODUCTION II**

(SMTEC: FHS, WWTHS)

Grades: FHS & WWT: 10-12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Certification: CertiPort: Visual Design using Adobe Photoshop**

**Prerequisite:** Must pass both semesters of Digital Media Production I with at least a “C”; must be proficient in the studio; must have a full understanding of the pre-production process, production process, post-production; and have a depth of knowledge about the following aspects of Digital Media Production I: filming and the use of a camera, digital editing, audio mixing and recording, and lighting in studio and on location.

This is an elective for students who have already passed a full year of Digital Media Production I. This class will build upon what the students have previously learned in the Digital Media Production I class, and includes school/district production assignments, school news, and advanced production skills.

Students may be asked to film events after school hours.

## **DIGITAL MEDIA PRODUCTION III**

(SMTEC: WWTHS)

Grades: WWT: 11-12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Certification: CertiPort: Visual Design using Adobe Photoshop**

**Prerequisite:** Students must take Digital Media Production I and II and pass each with a C or higher.

Topics covered may include, but are not limited to advanced terminology, safety on set, advanced equipment, script writing, production teams, production and programming, set production, advanced lighting techniques, recording and editing, studio production, electronic news gathering (ENG), professional ethics, and contracted production jobs (for the school, the school district, and the community). This course deals with more advanced language and concepts of Digital Media Production. Outstanding attendance and the ability to work cooperatively and productively are major requirements for this course. All material covered in Digital Media Production I & II will be utilized in this course, and it is expected that the student has a firm grasp of concepts, techniques, and skills.

This one-credit course is the third in a pathway that prepares the student for employment or entry into a postsecondary education program in the Broadcast/Video Production career field.

## **DIGITAL MEDIA PRODUCTION IV**

(SMTEC: WWTHS)

Grades: WWT: 12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Certification: CertiPort: Visual Design using Adobe Photoshop**

**Prerequisite:** Students must take Digital Media Production I, II, and III and pass each with a C or higher.

Students enrolled in DMP IV should possess the skills necessary to independently run the news studio and produce their own content (both live and pre-recorded). These students are actively seeking opportunities to practice and finetune their craft and are always looking for ways to grow and learn.

This one-credit course is the fourth in a pathway that prepares the student for employment or entry into a postsecondary education program in the Broadcast/Video Production career field.

# **BUSINESS, MANAGEMENT, MARKETING & ADMINISTRATION**

## **Course Descriptions**

### **BUSINESS, MANAGEMENT AND ADMINISTRATION**

#### **BUSINESS MANAGEMENT**

(SMTEC: CLHS)

Grades: 11-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: Microsoft Office Specialist-Word**

This class prepares individuals to plan, manage, supervise, and market business operations, products, and services. Includes instruction in business administration, information management, human resource management, business law and ethics, business communications, planning and organizing projects, and decision making in a business environment. Each unit or segment will contain academic foundations designed to improve students reading, writing, math and technical skills as well as general management skills.

**Students are encouraged to complete 2 days of job shadowing in a business-related career.**

### **FINANCE**

#### **ACCOUNTING I**

(SMTEC: CLHS, WWTHS)

Grades: CLHS: 9-12, 1 credit, WWT: 10-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: Microsoft Office Specialist-Excel**

This course helps the student develop a means of keeping and interpreting financial records of a business. Accounting is looked at as a career. The complete accounting cycle for a service and a merchandising business is taught including the preparation of payroll records. Each type of business is presented in a complete accounting cycle that covers analyzing transactions, journalizing, posting, petty cash, financial statements, and adjusting and closing entries.

#### **ACCOUNTING II**

(SMTEC: WWTHS)

Grades: CLHS:10-12, 1 credit, WWT: 11-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: Microsoft Office Specialist-Excel**

**Prerequisite:** Successful completion of Accounting I

Building on the knowledge of accounting systems gained through the completion of Accounting I, the student will explore accounting for property, inventory, accounts receivable, notes receivable and notes payable. Students will learn the differences in accounting for privately owned companies versus corporations. Completion of the second year prepares the student for an entry level accounting clerical position and/or entrance into a college business program. Students will gain experience in posting business transactions, payroll, accounting, adjustments, partnerships, corporation accounting, automated accounting and other procedures referring to financial accounting. Topics will include management accounting, cost accounting, not-for-profit accounting, and financial accounting.

## **MARKETING SALES AND SERVICE**

### **MARKETING I**

(SMTEC: CLHS, FHS, WWTHS)

Grades CLHS & FHS: 9-12, 1 credit, WWT: 10-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: Microsoft Office Specialist-PowerPoint and/or Communication Skills for Business Professional Communication**

This course is the study and understanding of marketing and business management. It is a comprehensive course that studies selling, purchasing, displays, inventory control, promotion, distribution, and each of the other functions of marketing. In addition to learning marketing concepts, students will gain knowledge about the skills needed to secure and sustain employment. Students will also have the option to participate in DECA, a student organization that helps build leadership & networking through competition.

### **MARKETING II**

(SMTEC: FHS, WWTHS)

Grades: CLHS & FHS: 10-12, 1 credit, WWT: 11-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: Microsoft Office Specialist-PowerPoint and/or Communication Skills for Business Professional Communication, National Retail Foundation, Customer Service & Sales. CertiPort: Entrepreneurship & Small Business**

**Prerequisite:** Successful completion of Marketing I

Marketing II has an emphasis on promotion, advertising & distribution of products to customers. The student will gain management experience as a leader in the day-to-day operations of the school store. The student will assist in ordering new inventory, maintaining daily sales, and work on marketing the store, product planning, and financial services, gaining skills in leadership, planning, supervision, budgeting, and decision-making. Students will also have the option to participate in DECA, a student organization that helps build leadership & networking through competition.

### **MARKETING EXTERNSHIP (CO-OP)**

(SMTEC: FHS, WWTHS)

Grades: 11-12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Corequisite:** Students must be enrolled in the Capstone class (i.e. CTE II class) of their CTE program.

**Prerequisite:** All state-approved career and technical education programs have been divided into segments or Perkins Course Competencies (PCC) for purposes of instructional delivery. After a pupil has successfully attained concentrator status in the CIP code, the pupil may be placed into a paid career training CTE work-based learning experience.

Students work part-time in a Marketing job and earn at least minimum wage and credit toward graduation. This course needs to be taken concurrently with Merchandising & Marketing II or Store Management. An average of 10 work hours is needed each week.

### **SPORTS AND ENTERTAINMENT MARKETING**

(SMTEC: FHS)

Grades: 10-12, 1 Credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: Microsoft Office Specialist-PowerPoint , Communication Skills for Business**

## **Professional Communication**

This class provides a student with a foundation in marketing concepts. The major areas of instruction will include an overview of marketing principles and their effects on our economic society. Other areas include: Selling, Promotion, Distribution, and Pricing. Management areas will include: Marketing Information, Product and Service and Entrepreneurship and Finance, specifically as it relates to the Sports and Entertainment fields. The curriculum for this course is entirely online and students will have access to it as they navigate the various segments. Students will have a final project based in the Sports and Entertainment field as well as present their findings and research to the class.

This class is for two semesters (1 credit). Students that complete this course may have the opportunity to complete work experience for credit in their senior year. (See instructor for details)

## **ENGINEERING/MANUFACTURING & INDUSTRIAL TECHNOLOGY**

### **Course Descriptions**

#### **MANUFACTURING AND WELDING**

##### **MANUFACTURING TECHNOLOGY I**

(SMTEC: LHS)

Grades: 9-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: NOCTI Job Ready Assessment for Precision Machining**

Students will receive training in all aspects of Manufacturing, metal machine operations and welding. Specific skills will be developed on the milling machine, lathe, drill press, hand tools, and precision measuring instruments. Student competition will include MITES.

##### **MANUFACTURING TECHNOLOGY II**

(SMTEC: LHS)

Grades: 10-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification NOCTI Job Ready Assessment for Precision Machining**

**Prerequisite:** This course is an extension of Manufacturing Technology I.

The basic skills of the first course will be refined and more complex projects and problems will be covered. There will be an in-depth study of computer-numerical controlled machining, followed by hands-on training on the CNC milling machines. Students may elect to participate in job shadowing, externship (co-op), and/or apprenticeships. Student competition will include MITES.

##### **WELDING**

(SMTEC: CLHS)

Grades: 11-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: AWS SENSE Level I Entry Welder-MIG**

This course offers students the opportunity to develop a thorough understanding of metal forming technology through arc welding processes and hand tool usage. Students advance in life training through applied math, technical communication, employability skills and teamwork. Technical skills are presented in precision measuring, blueprint reading and safety. Students become proficient in various welding processes such as MIG, TIG, Stick and Gas Welding. Other essential industrial and manufacturing skills taught are fabrication,

troubleshooting & problem solving. There are exciting extracurricular activities and opportunities for students including competitions through SkillsUSA and Ferris State University where they have the opportunity to compete with their peers and potentially win prizes.

## **SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS**

### **MECHANICAL DRAFTING/CAD I**

(SMTEC: LHS)

Grades: 9-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: 1M/10M CAD Titans of CNC/Titan Rocket 84L-93L-CAD**

This course is designed to introduce students to Computer Aided Design (CAD) using Unigraphics NX software. Skill emphasis is placed upon 3D solid model development, using the NX Sketcher in combination with various parametric and expression driven feature-based modeling techniques. Students will also use NX to create engineering drawings. CAD Drafting concepts will include single and double auxiliary view development, section views, dimensioning techniques, ANSI & SI measurement, ISO symbols, threads & fasteners, basic detailing and an introduction to descriptive geometry. Students may also choose to participate in annual competitions such as those sponsored by ASBE and/or MITES.

### **MECHANICAL DRAFTING/CAD II**

(SMTEC: LHS)

Grades: 10-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: 1M/10M CAD Titans of CNC/Titan Rocket 84L-93L-CAD**

**Prerequisite:** Successful completion of Mechanical Drafting/CAD I

This course is designed to prepare students for Advanced Placement Examinations offered by Macomb Community College by expanding the students understanding of 3D solid modeling using Unigraphics NX software. Skill emphasis is placed upon Jig/Fixture Detailing and Assembly, Auto Body Design fundamentals, presentation and assembly drawings, sheet-metal pattern development, and calculations of tolerance and fits. Students may also choose to participate in annual competitions such as those sponsored by ASBE and/or MITES. Students enrolled in this advanced class are encouraged to be enrolled in Externship.

### **TRADE & INDUSTRY EXTERNSHIP (CO-OP)**

(SMTEC: LHS)

Grades: 12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Corequisite:** Students must be enrolled in the Capstone class (i.e. CTE II class) of their CTE program.

**Prerequisite:** All state-approved career and technical education programs have been divided into segments or Perkins Course Competencies (PCC) for purposes of instructional delivery. After a pupil has successfully attained concentrator status in the CIP code, the pupil may be placed into a paid career training CTE work-based learning experience.

Students receive paid part-time work experience in their CTE area, earning minimum wage or more and credit toward graduation. One-half day is spent in school. The other half day, students are "earning while learning" in the private sector. Externship starting time varies depending on the individual student's academic needs. An average of 10 work hours is needed each week. Students gain on-the-job experience and training, develop independence, gain self-confidence and see the relationship between in-school

learning and work requirements. This makes them better able to make career decisions.

## **TRANSPORTATION, DISTRIBUTION & LOGISTICS**

### **ASE/NATEF CERTIFIED AUTOMOTIVE TECHNOLOGY I**

(SMTEC: FHS, LHS)

Grades: 10-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

#### **Certification: ASE/NATEF**

Automotive Technology I students should have an interest in automotive technology. Students will explore countless career pathways, develop hands-on skills, and learn how to safely work in an automotive shop setting. Students must pass the online safety course. Students can expect instruction to be delivered through the forms of visual-aids, lectures, and hands-on experiences. Topics include Automotive Fundamentals, Shop Safety, Tools, and Equipment. Primary focus on Brake, Steering, and Suspension Systems. Excellent course option for students that are also interested in an engineering career. Instruction meets ASE/NATEF Automotive Maintenance and Light Repair standards.

### **ASE/NATEF CERTIFIED AUTOMOTIVE TECHNOLOGY II**

(SMTEC: FHS, LHS)

Grades: 11-12, 1 credit (FHS), 2 credits (LHS)

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

#### **Certification: ASE/NATEF**

**Prerequisite:** Successful completion of Automotive Technology I

Automotive Technology II students should have an interest in the automotive field. Automotive Technology II students will further develop their skills and knowledge in automotive technology. This program prepares students for careers as entry-level automotive technicians. Primary focus on Electrical, Heating and Air Conditioning, Gas Engines, Engine Performance, Drivelines, and Transmissions. This 2-hour block scheduling allows for additional hands-on time in the automotive shop. Students will be required to take an Automotive Certification test during each semester. Instruction meets ASE/NATEF Automotive Maintenance and Light Repair standards.

### **ASE/NATEF CERTIFIED AUTOMOTIVE TECHNOLOGY III**

(SMTEC: FHS)

Grades: 11-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

#### **Certification: ASE/NATEF**

**Prerequisite:** Successful completion of Automotive Technology I and II

Automotive Technology III students should have a strong interest in the automotive field. This course will offer extensive hands-on experience. The focus will be on Engine performance, Diagnostic Equipment, Brake Systems (including anti-lock brakes), Wheel Alignments, and more. Students will be required to take an Automotive Certification test during each semester.

### **EXTERNSHIP (CO-OP), AYES INTERNSHIP**

(SMTEC: FHS, LHS)

Grades 12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Corequisite:** Students must be enrolled in the Capstone class (i.e. CTE II class) of their CTE program.

**Prerequisite:** All state-approved career and technical education programs have been divided into segments

or Perkins Course Competencies (PCC) for purposes of instructional delivery. After a pupil has successfully attained concentrator status in the CIP code, the pupil may be placed into a paid career training CTE work-based learning experience.

The Externship program gives the senior automotive student the time and opportunity to gain experience in the real world of work. The Externship program will be monitored and will enhance the seamless transition between school and work.

## **HEALTH SCIENCES**

### **Course Descriptions**

#### **HEALTH SCIENCE**

##### **DENTAL ASSISTANT**

(SMTEC: LHS)

Grades: 9-12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Certification: NELDA- National Entry Level Dental Assistant. Through the DANB. One section:**

##### **Infection Control**

This course prepares students for employment as a Dental Assistant. This program is also highly recommended for students who may be pursuing a career as a dentist, dental hygienist, and a dental lab tech. The Dental Assistant program prepares students to provide patient care, prepares patients and equipment for dental procedures, and discharges office administrative functions under the supervision of a dentist. Instruction includes medical record keeping, general office duties, reception and patient intake, scheduling, equipment maintenance and sterilization, pre- and post- operative patient care and instruction, chair side assisting, and supervised practice.

##### **EMERGENCY MEDICAL TECHNICIAN (EMT)**

(SMTEC: CLHS)

Grades: 9-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certifications: NREMT- Licensing Exam eligible**

**Prerequisite:** Mobility and moderate strength

This class is designed for students seriously interested in medicine – specifically emergency medicine to become an Emergency Medical Technician. Students enrolled in this program will receive instruction in the fields of pre-hospital and emergency medical training. This program is an intense study of the human body and the treatment required outside the hospital setting. Students will receive intensive hands-on instruction in anatomy and physiology, emergency first aid, bleeding control, shock management, cardiac arrest management, airway management, and patient treatment at accident scenes. Classroom study and hands-on practical

will challenge the student both academically and physically. Upon successful completion of the program through written, practical, and clinical performance objectives established by the Michigan Department of Consumer & Industry Services. The student will be able to take the **EMT-Basic NREMT-licensing exam to become an Emergency Medical Technician (EMT)**. Students will be required to do clinical training in a hospital emergency room and an ambulance service outside of the classroom. In addition to clinical time, students planning on certifying will need to attend Saturday sessions with EMT's from outside of our school. Students should plan for 1 Saturday a month while attending class to be eligible to certify.

## **EMERGENCY MEDICAL RESPONDER (EMR) & INTRODUCTION TO HEALTH CAREERS**

(SMTEC: CLHS)

Grades: 9-12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Certification: NREMR- Licensing Exam eligible**

During the EMR semester of this course, focus is placed on pre-hospital emergency medicine. Classroom study has both the traditional didactic style lecture with hands on practical learning. Students will become certified in BLS for the Healthcare Provider (CPR) and First Aid through the American Heart Association. Upon successful completion of the program through written and practical objectives established by the Michigan Department of Health and Human Services, students will be able to take the Emergency Medical Responder National Registry Exam and obtain a license with the State of Michigan.

During the Introduction to Health Careers semester of this course, students will receive an overview of the different areas associated with careers in the health sciences and health technology, delivered through a project-based learning program. This will cover health-care systems, careers, ethics, terminology, basic anatomy, diversity in the workplace, nutrition, job-seeking skills, and resume writing.

## **MEDICAL ASSISTANT**

(SMTEC: WWT)

Grades 10-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: NHS-CCMA Certification**

The Medical Assistant course prepares the student to assist the physician in providing patient care. Both clinical and medical office procedures are taught along with human anatomy & physiology, medical terminology and employability skills. CPR/First Aid certification is offered. Students also have the opportunity to participate in HOSA (Future Health Professionals), a professional student organization. Students interested in the course should have good communication skills, be adaptable to change, and have strong problem-solving capabilities.

Upon successful completion of this course students may be eligible for an externship position in a health care facility.

## **MEDICAL CAREERS & SYSTEMS- ANATOMY & PHYSIOLOGY**

(SMTEC: WWT)

Grades 11-12, 1 credit

**Meets VPAA OR Science Related Elective, One (1) Credit Graduation Requirement, full year**

**Prerequisite:** Students should have successfully completed biology, 1 credit

Medical Careers and Systems – Anatomy & Physiology is a yearlong course that provides students the opportunity to explore a career in healthcare. Students will gain knowledge and skills in law and ethics, anatomy and physiology, medical terminology, safety, infection control, and employability. CPR certification is available. Unique to this course is an in-depth exploration of levels of organization of the body and the body systems. You will have the opportunity for lab, including dissection, and be introduced to the Anatomage Table. The Anatomage Table is the most technologically advanced anatomy visualization system on the market. It is both a virtual library of cadavers, and a clinical diagnostic tool. This course is recommended for students interested in taking a future health science certification course.

**Completion of this course is recommended prior to taking any CTE certifying health science course.**

## **MEDICAL CAREERS & SYSTEMS: EXPLORATION INTO HEALTH CAREERS**

(SMTEC: FHS)

Grades: 10-12, 1 credit

### **Meets VPAA OR Science Related Elective One (1) Credit Graduation Requirement, full year**

The program will provide visual and hands on experience to explore healthcare careers in all five different pathways. The focus will be on healthcare sciences, medical math, health information and an introduction into the many skills required to work in healthcare. It will provide a work-based learning environment and a look into college readiness. The goal is to provide each student with a unique opportunity to explore and experience many different healthcare careers and create a foundation before choosing their path for the future.

**Completion of this course is recommended prior to taking any CTE certifying health science course.**

## **MEDICAL CAREERS & SYSTEMS- MEDICAL TERMINOLOGY**

(SMTEC: WWT)

### **1 credit, 2 semesters, Grades 10-12**

### **Meets VPAA, One (1) Credit Graduation Requirement, full year**

Medical Careers and Systems-Medical Terminology is a yearlong course that provides students the opportunity to explore a career in healthcare. Students will gain knowledge and skills in law and ethics, anatomy and physiology, medical terminology, safety, infection control, and employability. CPR certification is available. Unique to this course is the extensive study of Medical Terminology. Medical terminology is the study of the principles of medical word building to help the student develop the extensive medical vocabulary used in health care occupations. Students will gain an understanding of basic elements, rules of building and analyzing medical words, and medical terms associated with the body as a whole. If you're interested in pursuing a health and science career requiring the ability to communicate with physicians, nurses, dentists, or other medical professionals, this class will meet all your needs. This course is recommended for students interested in taking a future health science certification course.

**Completion of this course is recommended prior to taking any CTE certifying health science course.**

## **NURSING ASSISTANT**

(SMTEC: WWT)

Grades 10-12, 1 credit

### **Meets VPAA OR Math OR Science Related Elective, (1) Credit Graduation Requirement, full year**

#### **Certification: NHA (CPCT) Patient Care Technician**

Health Science Patient Care Technician / Nursing Assistant is a comprehensive study of the health care delivery system. The program includes all aspects of patient care at various stages of life. Medical terminology is introduced. CPR/First Aid certifications offered, and the Health Science Core curriculum are taught. Employability skills are promoted to prepare students for job shadowing and externships opportunities. Students will be able to join and participate in HOSA (future Health Professionals), a professional student organization. Students will be eligible upon passing the course to take the National Health career Association certification (NHA) examination, which if passed will allow students to be certified as a Patient Care Technician.

Upon successful completion of this course students may be eligible for an externship in their senior year in various healthcare facilities. Job shadow opportunities are part of the curriculum. Students will be able to participate in the professional student organization HOSA (Future Health Professionals). Students must have good communication skills, be adaptable to change, and be able to apply problem-solving techniques. A good attendance record with responsible and mature conduct is required. The student must like working with people.

## **PHARMACY TECHNICIAN**

(SMTEC: FHS)

Grades 9-12, 1 credit

**Meets VPAA OR Math OR Science Related Elective, (1) Credit Graduation Requirement, full year**

**Certification: Certified Pharmacy Technician (CPhT) through PCTB**

**Prerequisite** Successful completion of Biology I and Algebra I

This Health Science Course is geared towards students with an interest in the medical field with a focus on pharmacy. Pharmacy Technician is an entry level position designed to train students as paraprofessionals. A pharmacy technician is a person who works under the direct supervision of a licensed pharmacist and performs many pharmacy-related functions including dispensing, and compounding medications. Pharmacy technicians are employed in a wide variety of practice settings, including community pharmacies, hospitals, the military, in home health care, long term care, mail service facilities, managed health care facilities, and educational/training programs. They assist in pharmacy activities not requiring the professional judgment of a pharmacist. The pharmacy technician is accountable to the supervising pharmacist, who is legally responsible by virtue of state licensure for the care and safety of patients served by the pharmacy. Some students will have an opportunity to complete a non-paid clinical work-based learning experience in a pharmacy. Upon successful completion of this course and earning a high school diploma, the student may take the national exam offered by the Pharmacy Technician Certification Board.

## **PHYSICAL THERAPY PROFESSIONAL/AIDE I**

(SMTEC: FHS)

Grades: 11-12, 1 credit

**Meets VPAA OR Math OR Science Related Elective, (1) Credit Graduation Requirement, full year**

**Certification: ACMA (PCCT) Physical Therapy Technician Aid Certification**

**Prerequisite:** Successful completion of Biology I and Algebra I. Mobility and moderate strength required

The Physical Therapy Professional/Aide generally works in a rehabilitation facility or a hospital facility that works to improve patient mobility, relieve patient pain, and prevent or lessen patient physical disabilities. This program includes an intense study of the human body and treatments necessary to help patients gain mobility after injury, surgery or due to physical ailments/diseases. Human anatomy and various body systems are covered, as well as an introductory study of kinesiology (human movement).

The Physical Therapy Professional/Aide works under close supervision of a physical therapist and/or a physical therapy assistant and teaches the necessary skills that are delegated to a Physical Therapy Professional/Aide under their supervision. Physical Therapy Professional/Aide may work with people who have lost mobility as a result of a completed orthopedic medical procedure, including ligament repair, joint replacement, post-fracture care, back or neck surgery as well as with the geriatric population and the neurologically impaired (stroke victims, spinal cord injured patients). Common tasks delegated to a Physical Therapy Professional/Aide covered may include, but are not limited to ordering supplies, filling out insurance forms, patient transportation, preparing for a patient's therapy sessions, tracking patient's use of machines and mobility activities. Additional skills that participants will receive include physical therapy assessment procedures to identify imbalances in the body, therapeutic exercise protocols to correct imbalances, introduction to first aid, CPR and common core Michigan Health and Safety Standards.

The participants in this class will also have opportunities to explore options in injury prevention and wellness, both in the classroom and the community, including data collection for movement screenings, community awareness projects and the importance of physical activity. Students will receive a well-

rounded introduction to post-secondary education, possible career options in health care and rehabilitation, including in-sights into Physical Therapy, Occupational Therapy and Athletic Training.

## **PHYSICAL THERAPY PROFESSIONAL/AIDE II**

(SMTEC: FHS)

Grades: 11-12, 1 credit

**Meets VPAA OR Math OR Science Related Elective, (1) Credit Graduation Requirement, full year**

**Certification: ACMA (PCCT) Physical Therapy Technician Aid Certification**

**Prerequisite:** Successful completion of Biology I, Algebra I, and PT I A/B. Mobility and moderate strength required

This Health Science course is geared towards students who are considering a career as a Physical Therapy Professional/Aide. This course expands on the knowledge that students have gained from Physical Therapy/Aide I A/B and provides students with information on degrees and entry-level career opportunities for becoming a physical therapy aid, physical therapy assistant or physical therapist. This comprehensive Physical Therapy Aide II program will prepare students for the growing field of Physical Therapy, with work-based learning experiences. Expanding on the knowledge and skills introduced in the Physical Therapy Aid I course such as non-technical duties of physical therapy; student will engage in project-based learning experience that provides a deeper understanding of the skills and knowledge required in an advanced career of physical therapy and prepare them for a clinical experience. Careers in physical therapy may be employed in nursing homes, hospitals, sports rehabilitation centers, and some orthopedic clinics. Students considering secondary education as a physical therapy assistant, physical therapist or any advanced healthcare career will benefit from Physical Therapy Aid II program. To work as a physical therapy assistant, most states require licensing in order to practice, while aides often do not require certification or credentialing and can seek employment directly after graduation from high school. The course strengthens students' skills under the direct supervision of a physical therapist and covers additional details as an extension of the previous course.

## **HEALTH SCIENCE EXTERNSHIP (CO-OP)**

(SMTEC: FHS, LHS, WWT)

Grade 12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Corequisite:** Students must be enrolled in the capstone class (i.e. CTE II class) of their CTE program.

**Prerequisite:** All state-approved career and technical education programs have been divided into segments or Perkins Course Competencies (PCC) for purposes of instructional delivery. After a pupil has successfully attained concentrator status in the CIP code, the pupil may be placed into a paid career training CTE work-based learning experience.

Students that are in affiliated Health Science classes may elect to interview for externship placement during their senior year. Clinical settings vary from veterinary hospitals, dental offices, St. John Macomb Hospital, St. John Oakland Hospital, and medical/doctor's offices. An average of 10 work hours is needed each week.

## **HUMAN SERVICES** **Course Descriptions**

### **EDUCATION AND TRAINING**

#### **EDUCATIONAL CAREERS PROGRAM**

(SMTEC: CLHS)

Grades: 12 Only, 1 credit

**Meets VPAA One (1) Credit Graduation Requirement, full year**

**Certification: MI-YDA- Certificate**

In the Educational Careers course, students will receive comprehensive classroom training and receive additional hands-on training in the district's elementary or middle school classrooms. These students will work with an assigned "Mentor Teacher," participating in the different aspects of teaching. This course is designed for students interested in becoming a teacher in a Kindergarten to 12th grade environment. The students' field experience hours can be applied to the College of Education in many local colleges and universities. Students will be compiling a professional portfolio to assist in college or future employment.

### **HUMAN SERVICE**

#### **COSMETOLOGY I**

SMTEC: (WWTHS)

Grade: 11, 4 credits

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Certification: Michigan State Board of Cosmetology-Cosmetologist License**

Cosmetology is a State certified program that covers 2 years of comprehensive and involved instruction. The curriculum is set up by the Michigan State Licensing Board of Cosmetology and covers all areas of Cosmetology, theory and skill training. Upon completion of this course of instruction, the student is eligible to take the State Cosmetology examination for licensing (must be 17 years old). Once the student is licensed, they will be able to work in an established salon in the State of Michigan.

The Cosmetology program covers a two-year period and requires the completion of 1500 clock hours of training. During the regular school year, students will attend 4 hours per day, Monday-Friday in the afternoon from 1:30 p.m. - 5:33 p.m.

**Students will be required to spend additional days beyond the regular school year, which includes several full 7-hour days after the school year ends. This is required in the junior and senior year to complete the required 1500 clock hours of training in the two-year program. Specific days are subject to change due to district calendar and will be determined on a year-to-year basis by the end of the current school year.**

#### **COSMETOLOGY II**

SMTEC: (WWTHS)

Grade: 12, 4 credits

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Certification: Michigan State Board of Cosmetology-Cosmetologist License**

**Prerequisite:** Successful completion of Cosmetology I.

Cosmetology II is the second year of the two-year Cosmetology program.

## **HOSPITALITY AND TOURISM**

### **FOODS & HOSPITALITY I (Personal & Culinary Services)**

(SMTEC: LHS, WWTHS)

Grades: 9-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: ServSafe**

The first year Personal & Culinary Service program is designed to teach high school students the management/culinary skills needed for a career in the restaurant and food service industry. Year One of the ProStart curriculum allows students to meet the National Restaurant Association academic standards, complete a checklist of competencies, and participate in at least four hours of practicum service to ensure all students are well qualified to enter the industry workforce.

Students will run a fully functional Macomb County Restaurant for lunch, the Titan Terrace (WWT) or the Abe & I Café (LHS). Employability skills are examined and enhanced when using what they study in the classroom and apply it to practical experiences and real-life application in the commercial kitchen and restaurant. A student successfully completing this class will be ready to go on to the advanced Hospitality, Personal & Culinary Services II course and an externship job placement in their senior year.

### **FOODS & HOSPITALITY II (Personal & Culinary Services)**

(SMTEC: LHS, WWTHS)

Grades: 10-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: ServSafe**

**Prerequisite:** Successful completion of Personal & Culinary Service I

The second year of the Hospitality, Personal & Culinary Service program is an advanced culinary course designed to further teach high school students the management/culinary skills needed for a career in the restaurant and food service industry. Year Two of the ProStart curriculum allows students to meet the National Restaurant Association academic standards, complete a checklist of competencies, and participate in at least four hours of practicum service to ensure all students are well qualified to enter the industry workforce.

Students will run a fully functional Macomb County Restaurant for lunch, the Titan Terrace (WWT) or the Abe & I Café (LHS). Employability skills are examined and enhanced when using what they study in the classroom and apply it to practical experiences and real-life application in the commercial kitchen and restaurant. A student successfully completing this class will be ready to go on to the advanced Personal & Culinary Services III course and an externship job placement in their senior year.

### **FOODS/HOSPITALITY III (Foodservice Management)**

(SMTEC: WWTHS)

Grades: 11-12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: ServSafe**

**Prerequisite:** Successful completion of Personal & Culinary Service II

Foodservice Management is an advanced culinary course designed to further teach high school students the management/culinary skills needed for a career in the restaurant and food service industry. A continuation of our Year Two of our ProStart curriculum allows students to meet the National Restaurant Association academic standards, complete a checklist of competencies, and participate in at least four

hours of practicum service to ensure all students are well qualified to enter the industry workforce. As a prerequisite for this class, students must complete Foods/Hospitality I and Foods/Hospitality II with an 75% or higher and required teacher recommendation initial on Student Scheduling Form. Students will run a fully functional Macomb County Restaurant for lunch, (WWT) The Titan Terrace. Employability skills are examined and enhanced when using what they study in the classroom and apply it to practical experiences and real-life application in the commercial kitchen and restaurant.

## **FOODS/HOSPITALITY IV (Baking & Pastry)**

(SMTEC: WWTHS)

Grades: 12, 1 credit

**Meets VPAA OR Math Related Elective, One (1) Credit Graduation Requirement, full year**

**Certification: ServSafe**

**Prerequisite:** Successful completion of Personal and Culinary Services I and II and have qualified as a completer as well as completing the Titan Terrace Management (Foods III) program may return as an advanced student for additional baking and pastry experience in the Titan Terrace restaurant.

Warren Woods Tower's Baking and Pastry course offers a detailed curriculum that aligns with the industry's demands for a baking and pastry chef. This career training course will help students learn how to utilize their craft and fine-tune their attention-to-detail as they develop their art of baking and pastry. Our focus will be on current trends in the baking and pastry industry that can lead to career success. As a prerequisite for this class, students must complete Foods/Hospitality I and Foods/Hospitality II with an 75% or higher and required teacher recommendation initial on Student Scheduling Form.

## **CULINARY SERVICE EXTERNSHIP (CO-OP)**

(SMTEC: LHS, WWTHS)

Grades 11-12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Corequisite:** Students must be enrolled in the Capstone class (i.e. CTE II class) of their CTE program.

**Prerequisite:** All state-approved career and technical education programs have been divided into segments or Perkins Course Competencies (PCC) for purposes of instructional delivery. After a pupil has successfully attained concentrator status in the CIP code, the pupil may be placed into a paid career training CTE work-based learning experience.

Students with the desire to continue in any area of the Hospitality/Food Services industry after graduation may apply for the externship program. Personnel and management techniques are studied while the student works out in the field at a job placement. An average of 10 work hours is needed each week.

## **LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY**

### **FIREFIGHTING**

(SMTEC: CLHS)

Grades 10-12, 2 credits

**Meets VPAA, Two (2) Credit Graduation Requirement, full year**

**Certification: Fire I & II (LARA)**

This course includes firefighting skills which are mentally, physically, and emotionally challenging. Upon successful completion of this course, students will become eligible to take the Firefighter I and Firefighter II certification examinations. Students that are admitted to this course will have extensive classroom and practical areas in the following; Fire Behavior, Self-Contained Breathing Apparatus, Portable Extinguishers, Ropes and Knots, Building Search & Victim Removal, Ground Ladders, Water Supply Techniques, Laying,

Carrying and Advancing Hose, Water Fire Streams, Salvage, Overhaul and Protecting Evidence of Fire Cause, Fire Cause and Origin, Incident Command Systems, Hazardous Materials First Responder Operations, Rescue and Extrication Tools, Vehicle Extrication and Special Rescue, Ignitable Liquid and Flammable Gas Fire Control, Fire Incident Reports, Pre-Incident Survey and other areas to prepare them for the minimum state firefighting certification.

Students considering this course need to be in good physical shape due to the strenuous demands that are essential to this program, including confined space, rescue, loading and advancing hose lines that are charged, and using ladders that may be extended to 24 feet in height. All firefighting operations require successful demonstration and will be graded. Most areas of study in firefighting are team oriented and students should be prepared for both individual and group teamwork.

### **LAW ENFORCEMENT: Law & Justice**

(SMTEC: CLHS)

Grades: 9-12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Certification: National Law Enforcement Certification (LAPSEN via YouScience Training Council)**

This course introduces students to the broad range of careers in police work and law enforcement. A wide range of procedures associated with law enforcement and public safety will be reviewed. Students will experience various hands-on activities, such as finger printing, handcuffing procedures, traffic stops and crime scene evidence collection, along with many other law enforcement techniques. Students will acquire the skills and behaviors associated with law enforcement and public safety. Partnerships with our local law enforcement, courts, and police agencies will support interactions in many areas of the program.

### **LAW ENFORCEMENT: Dispatch 911 & Criminology**

(SMTEC: CLHS)

Grades: 9-12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Certification: NECI Basic Dispatch 911**

This course will be a comprehensive course on learning how to become a public safety 9-1-1 dispatcher. During the process of learning how to dispatch, the students will experience the incoming dispatch calls and investigate the call from start to finish. These live dispatch experiences with crime scenes allow the student to interact and solve real-world situations.

## **GOVERNMENT AND PUBLIC ADMINISTRATION**

### **Course Descriptions**

### **JROTC I\***

(SMTEC: CLHS)

Grades: 9-12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Certification: ASVAB**

JROTC I is a program in which the objectives are to develop leadership, self-reliance, responsiveness to authority, physical fitness, and attributes related to good citizenship and patriotism. The JROTC I curriculum has units on citizenship in action; leadership theory and application; and foundations for success. Additionally, cadets encounter many opportunities for participation in co-curricular and community

activities, including drill, rifle, physical fitness, Color Guard teams and school and community service projects.

**JROTC II\***

(SMTEC: CLHS)

Grades: 10-12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Certification: ASVAB**

**Prerequisite:** Successful completion of JROTC I

JROTC II is a continuation of JROTC I, in which individual cadets experience increasing personal leadership opportunities. The JROTC II curriculum has units on wellness, fitness and first aid, geography, map skills and environmental awareness; and citizenship in American history and government.

**JROTC III\***

(SMTEC: CLHS)

Grades: 11-12, 1 credit

**Meets VPAA OR PE (after 2<sup>nd</sup> year), One (1) Credit Graduation Requirement, full year**

**Certification: ASVAB**

**Prerequisite:** Successful completion of JROTC I and II

JROTC III is a continuation of JROTC I and II, in which individual cadets assume increasing responsibility for the training and instruction of newer cadets. The JROTC III curriculum has units on citizenship in action; leadership theory and application; and citizenship in American history and government.

**JROTC IV\***

(SMTEC: CLHS)

Grades 12, 1 credit

**Meets VPAA, One (1) Credit Graduation Requirement, full year**

**Certification: ASVAB**

**Prerequisite:** Successful completion of JROTC I, II and III

JROTC IV is a continuation of JROTC I, II, and III, in which individual cadets assume responsibility for the planning and conduct of all JROTC activities, under the guidance of their instructors. The JROTC IV curriculum has units on citizenship in action; leadership theory and application; and foundations for success.

**All cadets are required to abide by the Army JROTC Grooming Policy. Please refer to the full documentation for details.**

# **SMTEC**

**Southwest Macomb Technical Education Consortium**

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**12900 Frazho Rd.  
Warren, Michigan 48089  
(586) 439-4456**

In compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, the American with Disabilities Act of 1990, and the Elliott-Larsen Civil Rights Act of 1977, it is the policy of the Warren Woods School District that no person (or student) shall, on the basis of race, color, religion, national origin or ancestry, gender, sex, age, disability, height, weight, or marital status be excluded from participation in, be denied the benefits of, or be subjected to discrimination during any program or activity or in employment. For information, contact (586) 439-4401. Email: [titleix@mywwps.org](mailto:titleix@mywwps.org)

Inquiries related to discrimination on the basis of disability should be directed to:

**Stacie Sward, 504 Coordinator  
Warren Woods Public Schools  
12900 Frazho Rd.  
Warren, MI 48089  
(586) 439-4464**

Direct all other inquiries related to any other discrimination to:

**Stacey Denewith-Fici, Superintendent  
Warren Woods Public Schools  
12900 Frazho Rd.  
Warren, MI 48089  
(586) 439-4417**