

2026-2027

A LA CARTE CURRICULUM GUIDE



St. Lucie
PUBLIC SCHOOLS

AN "A" RATED
DESTINATION DISTRICT



CAREER AND TECHNICAL EDUCATION COURSES

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St. Lucie Public Schools Mission Statement

Ensure all students graduate from safe and caring schools, equipped with the knowledge, skills, and desire to succeed.

St. Lucie Public Schools Vision

St. Lucie Public Schools, in partnership with parents and community, will become premier centers of knowledge that are organized around students and the work provided to them. Our name will be synonymous with the continuous improvement of student achievement and the success of each individual. Our promise is to move from good to great focusing on our core business, the creation of challenging, engaging and satisfying work for each child, every day.

This is the St. Lucie Way!

St. Lucie A La Carte Program Goal

Provide high quality customer service to FES-UA and FES-PEP families and students as they engage in St. Lucie Public Schools courses and learning opportunities.

Contracted Services Provided by A Public School

FES-UA, FES-EO, FTC, and PEP students may pay for contracted services provided by a public school or public school district, including classes, extracurricular activities, after-school programs, summer school programs, and other services. Students doing so may not attend a public school on a full-time basis or use this option to meet regular school attendance requirements and must contract for these services as a private-pay student. Public schools and school districts are not required to contract with scholarship students or service providers.

Resources for Parents

PEP Purchasing Guide: [Purchasing Guides - Step Up For Students](#)

Steps to Enroll as a St. Lucie Public Schools An La Carte Student

Parent	SLPS
1. Log into your Step-Up EMA Account and confirm your awarded funds at: Step Up For Students: Scholarships For PreK-12 In Florida. 2. Visit the SLPS website to review the A La Carte Course Catalog at: SLPS À la Carte Program - St Lucie Public Schools 3. Apply for A La Carte Student Status and sign the A La Carte contract at: Smart Choice powered by SchoolMint®	1. SLPS will read and approve your application in School Mint. 2. Parent will be directed to their EMA account to select SLPS as a provider for in-person instruction.
4. Select the requested A La Carte course in EMA with SLPS as the provider of instruction.	3. Accept the course request in EMA and invoices the parent's account. 4. Notify the school of approved pending A La carte course enrollment by the student. 5. Notify the parent to contact the school for enrollment.
5. Schedule a meeting with the registrar at the school to enroll in requested course.	6. School provides the schedule and school information to the student.

Contact Us

Please contact Bridgette Hargadine at PEP@stlucieschools.org, or by phone at 772-429-3997 for more information about the A La Carte Program. Bespoke Services: If you or your home school co-op is looking for a specific program, course or instructor for your student group, contact us to see if SLPS may provide the service you are looking for!

A La Carte Course Cost

All costs must be paid through the EMA Marketplace at: Step Up For Students: Scholarships For PreK-12 In Florida.	
All K-12 Regular Courses	\$500 per semester per course. \$1000 per year per course
AICE/AP Courses	\$700 per semester per course. \$1200 per year per course. Includes the cost of the associated test.
CTE Courses 6-12	\$625 per semester per course per semester. \$1250 per year per course Optional Industry Certification will be an additional cost.
Virtual Courses	Regular Virtual Courses: \$350 per semester per course. \$700 per year per course. Virtual CTE/AICE/AP Courses: \$550 per semester per course. \$900 per year per course.
Elementary Electives on Rotation	\$75 per subject (once a week) for schools on a five-day rotation only. \$125 per course for rotations offered twice a week.

Important Information

1. Students may enroll in up to three courses.
2. All fees are non-refundable.
3. Fee must be invoiced one week prior to the start of the course.
4. If you have any questions or need help getting started, please contact us at pep@stlucieschools.org or call 772-429-3997.

A La Carte CTE Course Location Chart

Course/Program	School Locations Offered						
CTE Courses A La Carte	Treasure Coast High School	Port St. Lucie High School	St. Lucie West Centennial	Fort Pierce Central High School	Fort Pierce Westwood Academy	Legacy High School	Lincoln Park Academy
Agriculture Operations					x		
Allied Health	x	x	x	x	x	x	
Applied Engineering Technology	x						
Applied Robotics					x		
Automotive Maintenance and Repair		x		x			
Biomedical Sciences		x				x	
Building Construction Technology		x					
Criminal Justice	x		x	x	x		
Culinary Arts	x	x	x	x			
Digital Media/Multimedia Design					x		x
Early Childhood Education			x				
Game Simulation /Animation/Visual Design		x	x			x	
Gaming Simulation Design and Graphic Artist in CCD			x		x		
Global Logistics and Supply Chain Technology	x					x	
Hospitality and Tourism				x		x	
International Business	x						
Marketing Management and Entrepreneurial Principles				x			
Outboard Marine Service Technology			x				

Pharmacy Technician					X		
Technical Design		X					
Veterinarian Assisting					X		
Web Development				X			
Air Force JROTC	X						
Army Force JROTC				X	X		
Navy JROTC			X				

School Location Chart

School	Location
Fort Pierce Central High School	4101 S 25th St, Fort Pierce, FL 34981 (772) 468-5888
Fort Pierce Westwood Prep Academy	1801 Panther Ln, Fort Pierce, FL 34947 · (772) 468-5400
Legacy High School	Crosstown Pkwy, Port St Lucie, FL 34987 (772) 301-7800
Lincoln Park Academy	1806 Avenue I, Fort Pierce, FL 34950 (772) 468-5474
Port St. Lucie High School	1201 SE Lennard Rd, Port St Lucie, FL 34952 (772) 337-6770
St. Lucie West Centennial High School	1485 SW Cashmere Blvd, Port St Lucie, FL 34986 · (772) 344-4400
Treasure Coast High School	1000 SW Darwin Blvd, Port St Lucie, FL 34953 · (772) 807-4300

Animal Science and Services

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Agriculture, Food and Natural Resources career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation specific skills, and knowledge of all aspects of the Agriculture, Food and Natural Resources career cluster.

- Hands-on, real-world Agriculture experiences are taught on-site at Fort Pierce Westwood's agriculture facility which includes steer barn, swine stalls, growing fields, and much more!
- Students learn about agriculture, food, and natural resources.
- A wide variety of skills are emphasized with classroom and lab lessons including mechanical operations, welding, small engine maintenance and repair.
- Future Farmers of America (FFA) is an active co-curricular student organization whose activities are fully integrated into the program. FFA provides students with hands-on experience in leadership, organization, public speaking, directed studies, and more.

Build a Future: <https://youtu.be/2cxw5DXxalc?si=t5JHakNAJ0dduxT6>

Potential Industry Certifications / Credentials

- Agriculture Associate Certification
- Agriculture Systems Associate
- Agritechnology Specialist
- Agritechnology Technician
- Animal Science Specialist Certification

Career and Technical Student Organization (CTSO)

- Skills USA
- Future Farmers of America

Agriscience Foundations

Credit 1

Course Number 8106810

Grade(s): 9

Prerequisite: None

per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment. *This course does not meet the requirements for the Bright Futures Gold Seal Scholarship.*

Location and Time					
FPWAA	FPWAA				
8106810/31I Period 1 7:31AM-9:03AM	8106810/35J Period 5 9:58AM-12:02PM				
Animal Science					
Credit 1 Course Number 8106210 Grade(s): 10, 11 Prerequisite: Agriscience Foundations			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: The content includes but is not limited to planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, health, safety and environmental issues, and the use and care of animal health-care instruments, animal grooming equipment, animal restraining equipment, and laboratory equipment.					
Location and Time					
FPWA	FPWA				
8106210//361 Period 6 12:08-1:41	8106810/37I Period 7 12:08-1:41				
Agricultural Mechanics 1, 2					
Credit 1 Course Number 80051120 Grade(s): 10, 11 Prerequisite: Agriscience Foundations			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: The content includes but is not limited to mechanical operations, welding, small engine maintenance and repair, planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, health, safety, and environmental issues.					
Location and Time					
FPWA					
8005120/35J Period 5					

9:58AM-10:02PM					
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Allied Health

Our aging population, the increased use of medical technologies for diagnosis and treatment, and the resulting demand for healthcare services assure us that Healthcare will continue to be the fastest-growing industry sector. St. Lucie Public School's Allied Health programs offer students opportunities for certifications that lead to entry-level jobs in healthcare, as well as articulated credits to continue their educational and career pathway at the college level. Note: Regarding completion of Anatomy and Physiology (2000350): this course or its substitutions do not meet requirements for an "Equally Rigorous Science" credit.

- Certified Medical Administrative Assistant (CMAA)
- Collect patient histories, maintain medical records, process insurance claims
- Prepare patients for procedures and take vital signs
- Assist physicians during procedures, collect samples, and run tests in the lab
- Certified Clinical Medical Assistant (CCMA)
- Clinical patient care
- Patient care coordination and education
- Administrative assisting
- Communication and customer service
- Medical law and ethics
- Certified EKG Technician (CET)
- Operate EKG equipment that measures heart activity
- Obtain patients' medical history and medication use

Students gain real world experience through contact hours in clinical settings at local health science facilities.

These facilities include:

- Martin Memorial Health Centers
- Council on Aging of St. Lucie, Inc.
- Florida Heart Center
- Tiffany Hall Nursing Home

Build a Future: <https://youtu.be/qgJ42t3Gw-I?si=KnvtAfxZIk9nCrIL>

Potential Industry Certifications / Credentials

- Certified Medical Administrative Assistant (CMAA)
- Certified Clinical Medical Assistant (CCMA)
- Certified EKG Technician (CET)

Career and Technical Student Organization (CTSO)

- Health Occupations Students of America / HOSA
- SkillsUSA

- Cardiopulmonary Resuscitation (CPR)
- Patient Care Technician

Health Science Foundations 1

Credit 1

Course Number 8417100

Grade(s): 10

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

This course is part of the secondary Health Core consisting of an overview of the human body, both structurally and functionally with emphasis on the pathophysiology and transmission of disease. Medical terminology is an integral part of the course. The course Anatomy and Physiology Honors (2000360) may be substituted for the course. *This course does not meet the course requirements for the Bright Futures Goal Seal Scholarship requirements for CTE.*

Health Science Foundations 1 Location and Time

	TCHS	FPWA	FPCHS	SLWCHS	PSLHS
	8417100BL/31L Period 1 7:33AM- 9:03AM	8417100/34D Period 4 9:58AM- 12:02PM	8417100/36A Period 6 10:43AM- 12:46PM	8417100/37D Period 7 12:51PM- 1:41PM	8417100/36K Period 6B 10:43AM- 12:13PM

Health Science Foundations 2

Credit 1

Course Number 8417110

Grade(s): 11

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

This course is part of the Secondary Health Core designed to provide the student with an in-depth knowledge of the health care system and associated occupations. Emphasis is placed on communication and interpersonal skills, use of technology, ethics and the development of critical thinking and problem-solving skills. Students may shadow professionals throughout the course.

Health Science Foundations 2 Location and Time

LHS	TCHS	FPWA	FPCHS	SLWCHS	PSLHS
8417110XL/36D Semester 1 Period 7 12:48-1:41	8417110BL/33N Period 3 10:43AM- 12:43PM	8417110/37C Period 7 12:08PM- 1:41PM	8417110BL/15C Semester 1 Period 5 10:43AM- 12:46PM	8417110BL/11D Semester 1 Period 1 7:33AM- 9:03AM	8417110BL/13K Period 3 9:08AM- 10:38AM

Allied Health 3**Credit 1****Course Number 8417131****Grade(s): 11****Prerequisite: Health Science Foundations 2****\$625** per semester**\$1250** per year

Optional Industry Certification will be an additional cost.

Description:

In this course, students will perform skills representative of one to three areas of allied health care in the laboratory and clinical setting.

Allied Health 3 Location and Time

LHS	TCHS	FPWA	FPCHS	SLWCHS	PSLHS
8417131BL/23D Semester 2 Period 3 9:08AM- 10:38AM	8417131BL/31N Semester 2 Period 5B 10:43AM- 12:13PM	8417131/35C Period 5 9:58AM- 12:02PM	8417131/34C Period 4 9:08AM- 10:38AM	8417131BL/21D Period 2 7:33AM- 9:03AM	8417131BL/23K Period 3 9:08AM- 10:38AM

Nursing Assistant 3**Credit 1****Course Number 8417211****Grade(s): 12****Prerequisite: Health Science 2****\$625** per semester**\$1250** per year

Optional Industry Certification will be an additional cost.

Description:

This is a course designed to prepare the student to provide/assist with all aspects of activities of daily living for the adult patient in both hospital and nursing home settings. The course, which is taught by a registered nurse, includes didactic instruction, skills practice in the laboratory and clinical experience. Emphasis is also placed on the development of communication, interpersonal, problem solving and critical thinking skills.

Nursing Assistant 3 Location and Time

TCHS	FPCHS				
8417211/33N Semester 1 Period 3 10:43AM- 12:43PM	8417211BL/13C Semester 1 Period 3 9:08AM- 10:38AM				

Emergency Medical Response 3**Credit 1****Course Number 8417171****Grade(s): 12****Prerequisite: Health Science 2****\$625** per semester**\$1250** per year

Optional Industry Certification will be an additional cost.

Description:

This course prepares students to be employed as Emergency Medical Responders. Content includes, but not limited to, identifying and practicing within the appropriate scope of practice for an Emergency Medical Responder, demonstrating correct medical procedures for various emergency situations, proficiency in the appropriate instruments used, as well as a foundation in the musculoskeletal system of the body.

Medical Response 3 Location and Time

TCHS	FPCHS				
8417171BL/35O Period 5 10:43AM- 12:13PM	8417171BL/23B Semester 2 Period 3 9:08AM- 10:38AM				

Applied Engineering Technology

Engineering is the creative application of scientific and mathematical principles to design, build, and maintain structure, machines, devices, systems, materials and processes. The discipline of engineering is extremely broad including aeronautical, civil, electrical, industrial, and mechanical. Applied Engineering Technology studies incorporates foundational concepts that apply to all of these areas.

- Working in teams, students design, engineer, manufacture, construct, test, redesign, test again, and produce a finished project.
- Students study various aspects of Engineering and the many related career pathways in Engineering.
- Students undertake challenging coursework in math, science, and engineering, explore a variety of STEM careers.
- The engineering design process, troubleshooting, research and development, invention and innovation, and experimentation in technical problem-solving.
- Engineering principles as applied to thermal, electrical, fluid and mechanical systems.
- Core concepts of manufacturing, transportation, construction, engineering, and information/communication technologies.
- Instruction in the use of safety procedures, tools, equipment, materials, and processes related to occupations in these fields.
- Partnerships with local businesses and organizations provide opportunities to explore engineering careers while in high school.

Engineering Technology: <https://youtu.be/1HGWiQn8LCE?si=vdYOPorX23cnkQwu>

Potential Industry Certifications / Credentials

- MSSC Certified Production Technician (CPT)
- Autodesk AutoCAD
- Autodesk Inventor
- Engineering Core Certification
- Fusion 360

Career and Technical Student Organization (CTSO)

- SkillsUSA
- National CTE Honor Society
- Solor GoKart Club

Applied Engineering Technology 1

Credit 1

Course Number 8401110

Grade(s): 10

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

This course helps students understand the field of engineering/engineering technology and prepares them for postsecondary engineering programs by developing a more in-depth mastery of the associated mathematics, science, and technology knowledge and skills. The course also includes essential concepts of technology and design, as well as concerns about the social and political implications of technological change.

Applied Engineering Technology 1 Location and Time					
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TCHS					
8401110/35D Period 5B 10:43AM-12:13PM					

Applied Engineering Technology 2	
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Credit 1 Course Number 8401120 Grade(s): 11 Prerequisite: Applied Engineering Technology 1	\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.
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Description:

This course provides opportunities for students to apply their acquired knowledge and skills in engineering scenarios. The course features multiple options for providing context-based projects oriented to specific fields of engineering. This feature enables instruction in complex projects involving multi-faceted project teams by providing instruction oriented to four key engineering disciplines: mechanical, electrical, civil, and environmental.

Applied Engineering Technology 2 Location and Time					
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TCHS	TCHS				
8401110/35D Period 5B 10:43AM-12:13PM	8401110/37D Period 7 12:48PM-1:41PM				

Applied Engineering Technology 3	
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Credit 1 Course Number 8401130 Grade(s): 11 Prerequisite: Applied Engineering Technology 2	\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.
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Description:

This course provides opportunities for students to apply their acquired knowledge and skills in engineering scenarios. The course features multiple options for providing context-based projects

oriented to specific fields of engineering. This feature enables instruction in complex projects involving multi-faceted project teams by providing instruction oriented to four key engineering disciplines: mechanical, electrical, civil, and environmental.

Applied Engineering Technology 3 Location and Time

TCHS					
8401130/34D Period 4 9:08-10:38					

Civil Engineering and Architecture

Credit 1	\$625 per semester
Course Number 8600590	
Grade(s): 12	\$1250 per year
Prerequisite: Applied Engineering Technology 3	Optional Industry Certification will be an additional cost.

Description:

This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state of the art software to solve real world problems and communicate solutions to hands-on projects and activities. This course covers topics such as the Roles of Civil Engineers and Architects, Project Planning, Site Planning, Building Design, and Project Documentation and Presentation.

Civil Engineering and Architecture

LPA					
TBA					

Applied Robotics

Computer Science inspires students to become creators of technology, not just consumers. Students work together to design solutions, and learn computational thinking - not just coding. Robotics lessons engage students in compelling, real-world challenges. As students become better thinkers and communicators they develop skills to use for the rest of their lives, on any career path they take.

- Robotics lessons provide students with a foundation in content and skills associated with robotics and automation, including artificial intelligence, electronics, physics, and principles of engineering.
- Student projects include design, programming and operation of robotics, sensors, electronic devices, engineering technologies, simulation and modeling, and critical thinking skills.
- Classroom projects highlight critical thinking, problem-solving, higher-order reasoning, and computer science skills necessary in this high-tech, emerging field.

- Students investigate artificial intelligence, engineering technologies, environmental physics, manufacturing, topographical considerations, programming, communications, simulation and modeling, and critical thinking skills.

Potential Industry Certifications / Credentials

- Autodesk Inventor
- Autodesk Fusion
- Knowledge Pillars Python Coding Specialist
- IT Specialist Python

Career and Technical Student Organization (CTSO)

- SkillsUSA

Foundations of Robotics (Robotics 1)**Credit .5****Course Number 9410110****Grade(s): 9-12****Prerequisite: None****\$625** per semester**\$1250** per year

Optional Industry Certification will be an additional cost.

Description:

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of the principles and applications of robotics engineering and its effect upon our lives and the choosing of an occupation. The content and activities will also include the study of entrepreneurship, safety, and leadership skills. This program focuses on transferable skills and stresses understanding and demonstration of science and mathematics knowledge, technological tools, machines, instruments, materials, processes and systems related to robotics.

Robotics 1 Location and Time

FPWA	FPWA				
9410110/35N Period 5 9:58AM-12:02PM	9410110/31N Period 1 7:31-9:03				

Applied Robotic Design Essentials (Robotics 2)**Credit .5****Course Number 9410120****Grade(s): 9-12****Prerequisite: Robotics 1****\$625** per semester**\$1250** per year

Optional Industry Certification will be an additional cost.

Description:

This course provides students with content and skills essential to the design and operation of robotics, including artificial intelligence, sensors, electronic devices, engineering technologies, motion physics, electrical motors, programming, simulation and modeling, and critical thinking skills.

Robotics 2 Location and Time

FPWA	FPWA				
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9410120/34N Period 4 9:58AM- 12:02PM	9410120/37N Period 7 12:08PM- 1:41PM				
Robotic Systems (Robotics 3)					
Credit .5 Course Number 9410130 Grade(s): 9-12 Prerequisite: Robotics 2			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: This course provides students with extended content and skills essential to the design and operation of robotic systems, including artificial intelligence, specialized sensors, electronic applications, engineering technologies, environmental physics, manufacturing, topographical considerations, programming, communications, simulation and modeling, and critical thinking skills.					
Robotics 3 Location and Time					
FPWA					
9410130/36N Period 6 12:08 PM- 1:41PM					

Automotive Maintenance and Light Repair

Auto service technicians, often called service technicians, inspect, maintain, and repair cars and light trucks. Because vehicles today possess complex computer and electronic systems, the technician's job has evolved from purely mechanical and requires them to have a broader base of knowledge than in the past. St. Lucie County Schools' Automotive Technology programs offer up-to-date industry standard technology and curriculum, in NATEF accredited labs, with instruction provided by fully Automotive Service Excellence (ASE) certified instructors.

- Safety including clothing; eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of hazardous materials in accordance with safety and environmental regulations. Material Safety Data Sheets / MSDS
- Brakes Systems
- Electrical and Electronics Systems
- Steering and Suspension
- Engine Maintenance, Repair, and Performance
- Transmissions, Drive Trains, and Axles
- Air Conditioning

- Laboratory activities are an integral part of this program. Students complete laboratory activities in state-of-the-art automotive repair facilities on-site at the high school.
- Technology is a cornerstone that reinforces and enhances classroom and laboratory lessons.

Automotive Technology: https://youtu.be/Z-Z-60J_cMo?si=7lGuPRiM97PVyvZa

Potential Industry Certifications / Credentials

- ASE Entry-Level

Career and Technical Student Organization (CTSO)

- Skills USA
- Future Business Leaders of America / FBLA

Automotive Maintenance and Repair 1/2

Credit 2

Course Number 9504110/9504120

Grade(s): 10

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

Light Repair courses are designed to prepare students for entry into Automotive Maintenance and Light Repair 2, 3 & 4. In Light Repair 1 students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills.

The Automotive Maintenance and Light Repair 2 course prepare students for entry into Automotive Maintenance and Light Repair 3. Students study automotive general electrical systems, starting and charging systems, batteries, lighting, instrument cluster, driver information, and body electrical systems. Content emphasizes beginning transportation service skills and workplace success skills.

Automotive 1/2 Location and Time

PSLHS	PSLHS	PSLHS	PSLHS	PSLHS	PSLHS
Course 1 9504110/31F Period 1 7:33AM- 9:03AM	Course 1 9504110/32F Period 2 7:33AM- 9:03AM	Course 1 9504110/37F Period 7 12:53PM- 1:41PM	Course 2 9504120/34F Period 4 9:08AM- 10:38AM	Course 2 9504120/35F Period 5B 10:43AM- 12:13PM	Course 2 9504120/36F Period 6B 10:43AM- 12:13PM

Automotive 1/2 Location and Time

FPCHS	FPCHS				
Course 1 9504110/31J Period 1	Course 1 9504110/32J Period 2				

7:33AM-9:03AM	7:33AM-9:03AM				
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Automotive Maintenance and Repair 3/4

Credit 2

Course Number 9504130/9504140

Grade(s): 11

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description: The Automotive Maintenance and Light Repair 3 course prepares students for entry into Automotive Maintenance and Light Repair 4. Students study and service suspension and steering systems, and brake systems. Content emphasizes beginning transportation service skills and workplace success skills. The Automotive Maintenance and Light Repair 4 course prepares students for entry into the automotive workforce or into post-secondary training. Students study and service automotive HVAC systems, engine performance systems, automatic and manual transmission/transaxle systems, as well as practice workplace soft skills.

Automotive 3/4 Location and Time

PSLHS	PSLHS	PSLHS	PSLHS	PSLHS	PSLHS
Course 3 9504130/34F Period 4 9:08AM-10:38AM	Course 3 9504130/35F Period 5B 10:43AM-12:13PM	Course 3 9504130/36F Period 6B 10:43AM-12:13PM	Course 4 9504140/31F Period 1 7:33AM-9:03AM	Course 4 9504140/32F Period 2 7:33AM-9:03AM	Course 4 9504140/37F Period 7 12:53PM-1:41PM

Automotive Maintenance and Repair 5/6

Credit 2

Course Number 9504150/9504160

Grade(s): 12

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description: The Automotive Maintenance and Light Repair 5 prepares students for entry into the automotive workforce or into post-secondary training. Students study and service automotive engine repair, electrical/electronic systems, suspension and steering systems, brakes as well as practice workplace soft skills. Automotive Maintenance and Light Repair 6 prepares students for entry into the automotive workforce or into post-secondary training. Students study and service automotive heating and air conditioning, engine performance, automatic transmission/transaxles, manual drive train and axles, as well as practice workplace soft skills.

Automotive 5/6 Location and Time					
PSLHS	PSLHS				
9504150/31F	9504150/32F				
Period 1	Period 2				
7:33AM -	7:33AM -				
9:03AM	9:03AM				

Biomedical Sciences

Biomedical Sciences combines medical concepts into the study of human body systems, medicine, health, biological concepts, metabolic processes, defense, protection, research processes, engineering principles and an introduction to bio-informatics. This includes the design and development of various medical interventions, including vascular stents, cochlear implants, and prosthetic limbs. Students complete classroom projects and studies on organ transplants, gene therapy, and other cutting-edge scientific advances. Students study these advances to develop skilled technical approaches to scientific inquiry.

Areas of Study:

- Year 1 – Principles of the Biomedical Sciences
- Year 2 – Human Body Systems
- Year 3 – Medical Interventions

Potential Industry Certifications / Credentials

- Certified EKG Technician (CET)
- Biotechnician Assistant (BACE)

Career and Technical Student Organization (CTSO)

- Health Occupations Students of America / HOSA
- SkillsUSA

Principles of Biomedical Science

Credit 1 per course

Course Number 8708110

Grade(s): 9, 10, 11

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

Students investigate the human body systems and various health conditions. This course is designed to provide an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses. Students are introduced to human physiology, medicine, research processes and bioinformatics. Key biological concepts including homeostasis, metabolism,

inheritance of traits, and defense against disease are embedded in the curriculum. Engineering principles including the design process, feedback loops, and the relationship of structure to function are also incorporated. *This course does not meet the requirements for the Bright Futures Gold Seal Scholarship.*

Biomedical Science Location and Time

LHS	PSLHS				
8708110/33B Period 3 9:08-10:38	8708110/34C Period 4 9:08AM-10:38AM				

Human Body Systems

Credit 1 per course
Course Number 8708120
Grade(s): 11/12
Prerequisite: Principles of Biomedical Science

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

Students investigate the human body systems and various health conditions. This course is designed to provide an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses. Students are introduced to human physiology, medicine, research processes and bioinformatics. Key biological concepts including homeostasis, metabolism, inheritance of traits, and defense against disease are embedded in the curriculum. Engineering principles including the design process, feedback loops, and the relationship of structure to function are also incorporated. *This course does not meet the requirements for the Bright Futures Gold Seal Scholarship.*

Human Body Systems Location and Time

LHS	PSLHS				
8708120/31B Semester 2 Period 1 7:33AM- 9:03AM	8708120/32C Period 2 7:33AM-9:03AM				

Medical Interventions

Credit 1 per course
Course Number 8708130
Grade(s): 11/12
Prerequisite: Principles of Biomedical Science and Human Body Systems

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments to investigate the structures and functions of the human body and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real-world cases and often play the role of biomedical professionals to solve medical mysteries. *This course does not meet the requirements for the Bright Futures Gold Seal Scholarship.*

Medical Interventions Location and Time

LHS	PSLHS				
8708130/31B Semester 1 Period 2 7:33AM -9:03AM	8708130/32C Period 2 7:33AM- 9:03AM				

Building Construction Technology

Get on the ground floor of turning plans into a reality. Students in the Building Construction Technologies program will be exposed to many aspects of the construction industry including, but not limited to, carpentry, masonry, HVAC, plumbing, electrical wiring and the installation of drywall and flooring. Potential employees with all-around skills are in high demand.

- Courses emphasize math and its connection to blueprint reading, measurement, and general shop tasks.
- Safety procedures, tools, equipment materials and processes related to building construction are an integral part of the daily classroom and laboratory lessons. OSHA instruction is provided.
- Classroom lessons focus on planning, technical and productions skills, principles of technology, labor issues, community issues, health, safety and environmental issues.
- Hands-on real world projects are incorporated.
- Students who complete this program will complete the National Center for Construction Education and Research/NCCER Core Curriculum and earn NCCER carpentry credentials

Build a Future: <https://youtu.be/je8-QPF70us?si=ADXc9-wdxPm-od3i>

Potential Industry Certifications / Credentials

- HBI Building Construction Technology
- HBI PACT Carpentry
- HBI PACT Electrical

Career and Technical Student Organization (CTSO)

- [SkillsUSA](#)

Building Construction Technologies 1

Credit 1 per course code
Course Number 8720310

\$625 per semester

Grade(s): 9-12 Prerequisite: None		\$1250 per year Optional Industry Certification will be an additional cost.			
Description: The purpose of this course is to develop the competencies essential to the building construction industry. These competencies include skills and knowledge related to safety practices, the proper use of hand and power tools, plan reading, basic rough carpentry and framing.					
Building Construction 1 Location and Time					
PSLHS	PSLHS				
8720310/32G Period 2 7:33AM-9:03AM	8720310/31G Period 1 7:33AM-9:03AM				
Building Construction Technologies 2					
Credit 1 per course code Course Number 8720320 Grade(s): 9-12 Prerequisite: Building Construction 1			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: The purpose of this course is to develop the competencies necessary for the building, construction, and repair industry. These competencies relate to construction components, materials and hardware, concrete, and masonry skills.					
Building Construction 2 Location and Time					
PSLHS	PSLHS	PSLHS	PSLHS		
8720320/34G Period 4 9:08AM-10:38AM	8720320/35G Period 5B 10:43AM-12:13PM	8720320/36G Period 6B 10:43AM-12:13PM	8720320/37G Period 7 12:53PM-1:41PM		
Building Construction Technologies 3					
Credit 1 per course code Course Number 8720330 Grade(s): 9-12 Prerequisite: Building Construction 2			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		

Description:

This course is designed to provide students with a more in-depth knowledge of construction documents, as well as competencies in construction management. These include heavy equipment selection, knowledge of codes and regulations, site preparation, estimating, scheduling and knowledge of sustainability issues relevant to the construction industry.

Building Construction 3 Location and Time					
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PSLHS	PSLHS	PSLHS			
8720330/34G Period 4 9:08AM- 10:38AM	8720330/36G Period 6B 10:43AM- 12:13PM	8720330/37G Period 7 12:53PM- 1:41PM			

Building Construction Technologies 4	
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Credit 1 per course code
Course Number 8720340
Grade(s): 9-12
Prerequisite: Building Construction Technologies 3

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

The purpose of this course is to develop competencies in exterior finish carpentry.

Building Construction 4 Location and Time					
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PSLHS	PSLHS	PSLHS			
8720340/34G Period 4 9:08AM- 10:38AM	8720340/35G Period 5 10:43AM- 12:13PM	8720340/36G Period 6B 10:43AM- 12:13PM			

Criminal Justice

Law enforcement and criminal justice encompass many professions including: police officers, sheriff's deputies, detectives and state troopers, border patrol agents, Central Intelligence Agency (CIA) officers, crime scene investigators (CSI), corrections officers, criminologists, federal officers, game wardens, paralegals, and private investigators. This program prepares students to continue their education in Criminal Justice careers.

- Students take classes that build leadership skills, develop character, integrity, and self-confidence, and create a foundation for pursuing law enforcement and criminal justice careers.
- Constitutional law at the federal, state, and local level.

- Basic procedures in traffic control, patrol, search and arrest, stop and frisk, mock trial, jail operations, crime prevention, fingerprinting, forensic photography, and crime laboratory examination procedures.
- Technology is increasingly infused to address its many applications in law enforcement as well as the rapidly growing area of cyber crime.

Build a Future: <https://www.youtube.com/channel/UC3GKMqcljbgqXb7XDy27uYw>

Potential Industry Certifications / Credentials

- Accredited Legal Professional (ALP)
- 911 Public Safety Telecommunicator
**Fort Pierce Westwood and Treasure Coast High School

Career and Technical Student Organization (CTSO)

- SkillsUSA
- Florida Public Service Association (FPSA)

Criminal Justice 1

Credit 1

Course Number 8918010

Grade(s): 9, 10

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Marketing, Sales and Service career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Marketing, Sales and Service career cluster.

Criminal Justice 1 Location and Time

TCHS	TCHS	SLWCHS	FPWA	FPWA	FPCHS
8918010/34K Period 4 9:08AM-10:38AM	8918010/37K Period 7 12:48PM-1:41PM	8918010/37A Period 7 12:48PM-1:41PM	8918010/32B Period 2 7:31-9:03	8918010/34B Period 4 9:58AM-12:02PM	8918010/35L Period 5 10:43AM-12:46PM

Criminal Justice 2

Credit 1

Course Number 8918020

Grade(s): 10, 11

Prerequisite: Criminal Justice 1

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

This course is to introduce the student to the characteristics and procedures of patrol, complete written reports, and crime prevention programs. Students will also describe guidelines for Use-of Force, perform CPR/ first aid techniques, and procedures to protect from blood-borne pathogens.

Criminal Justice 2 Location and Time

TCHS	SLWCHS	SLWCHS	FPWA	FPCHS	
8918020/34J Period 9:08AM- 10:38AM	8918020/31K Period 1 7:33AM- 9:03AM	8918020/37K Period 7 12:51PM- 1:41PM	8918020/35B Period 5 9:58AM- 12:02PM	8918020BL/15K Semester 1 Period 5 10:43AM- 12:46PM	

Criminal Justice 3**Credit 1****Course Number 8918030****Grade(s): 10,11****Prerequisite: Criminal Justice 2****\$625** per semester**\$1250** per year

Optional Industry Certification will be an additional cost.

Description:

This course is to introduce the student to the crime scene safety, conducting criminal investigations, conducting forensic processing, and complete property control procedures. Students will conduct a traffic crash investigation completing the proper report forms. Computer skills as well as job related math skills will be performed. Enhancing the awareness of human diversity will be instructed.

Criminal Justice 3 Location and Time

SLWCHS	SLWCHS	FPWA	TCHS	TCHS	FPCHS
8918030/34K Period 4 9:08AM- 10:38AM	8918030/36K Period 6 10:43AM- 12:46PM	8918030/33B Period 3 9:08AM - 9:53AM	8918030/36M Period 6B 10:43-12:13	8918030/34M Period 4 9:08AM- 10:38AM	8918030/31K Period 1 7:33AM- 9:03AM

Certified Legal Assistant**Credit 1****Course Number 8918060****Grade(s): 12****Prerequisite: Criminal Justice 1****\$625** per semester**\$1250** per year

Optional Industry Certification will be an additional cost.

Description:

This course prepares the student for a career as an Accredited Legal Professional (ALP). The curriculum covers comprehension and communication of legal knowledge skills, develop awareness of the ALS certification requirements, rules and guidelines and how to develop communication skills in technical reading and writing of legal documents. The student will learn about the legal office functions and responsibilities, and knowledge of legal operating systems

Certified Legal Assistant Location and Time

SLWCHS	TCHS	FPWA			
8918060/35A Period 5 10:43AM- 12:46PM	8918060/36M Period 6B 10:43AM- 12:13PM	8918060/33B Period 3 9:08-9:53			

Culinary Arts

Culinary Arts means "the art of cooking." Culinary Arts is much more than simply cooking to those involved in the industry. Those working on an education in Culinary Arts can become chefs at small establishments or large, fine-dining restaurants. If you are comfortable in the kitchen and enjoy the art of cooking, a career in Culinary Arts could be right for you.

- Sanitation, refrigeration, and cooking techniques
- Food preparation, presentation, and serving food in restaurants and other establishments
- Catering, retail and marketing, dining room operation, catering, hospitality management
- Real world culinary experiences
- Aligned with National Restaurant Association and Florida Restaurant Association "ProStart" curriculum

Sunshine Kitchen Culinary Cook Off: https://youtu.be/Hno5biTuSZE?si=A8_NAaVf3rjoN19r

Potential Industry Certifications / Credentials

- Certified Food Protection Manager (ServSafe)
- Certified Food Safety Manager
- SafeStaff

Career and Technical Student Organization (CTSO)

- SkillsUSA

Culinary Arts 1

Credit 1

Course Number 8800510

Grade(s): 9-11

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

This course covers the history of the food service industry and careers in that industry. Also covered are safety in the workplace; employability skills; leadership/teamwork skills; care and use of commercial culinary equipment; basic food science; basic nutrition; and following recipes in food preparation labs

Culinary Arts 1 Location and Time

SLWCHS	TCHS	FPCHS	FPWA	PSLHS	PSLHS
8800510/36E Period 6 10:43AM- 12:46PM	8800510/31B Period 1 7:33AM- 9:03AM	8800510/34I Period 4 9:08AM- 10:38AM	8800510/37A Period 7 12:08PM- 1:41PM	8800510/32H Period 2 7:33AM- 9:03AM	8800510/31H Period 1 7:33AM- 9:03AM

Culinary Arts 2**Credit 1****Course Number 8800520****Grade(s): 10-12****Prerequisite: Culinary Arts 1****\$625** per semester**\$1250** per year

Optional Industry Certification will be an additional cost.

Description:

In this course students will learn state mandated guidelines for food service; how to attain food handler training certification; and perform front-of-the-house and back-of-the-house duties. Students will prepare quality food products and present them creatively; demonstrate safe, sanitary work procedures; understand food science principles related to cooking and baking; and utilize nutrition concepts when planning meals/menus.

Culinary Arts 2 Location and Time

SLWCHS	TCHS	FPCHS	SLWCHS	FPWA	FPWA
8800520BL/11F Semester 1 Period 1 7:33AM- 9:03AM	8800520/31A Period 1 7:33AM- 9:03AM	8800520/31I Period 1 7:33AM- 9:03AM	8800520BL/11A Semester 1 Period 2 7:33AM- 9:03AM	8800520/34A Period 4 9:58AM- 12:02PM	8800520/35A Period 5 9:58AM- 12:02PM

Culinary Arts 2 Location and Time

PSLHS	PSLHS	PSLHS			
8800520/35H Period 5 10:43AM- 12:13PM	8800520/33H Period 3 9:08AM- 10:38AM	8800520/36H Period 6 10:43AM- 12:13PM			

Culinary Arts 3**Credit 1****\$625** per semester

Course Number 8800530 Grade(s): 10-12 Prerequisite: Culinary Arts 2			\$1250 per year Optional Industry Certification will be an additional cost.		
Description: In this course the student will research career opportunities in professional cooking/baking; follow guidelines on food selection, purchasing, and storage; and use communication skills. Students will prepare and present a variety of advanced food products; create centerpieces; and research laws specific to the hospitality industry. Also covered are management skills; how to develop a business plan; and utilization of technology in the workplace. Students will be knowledgeable about food safety manager training/certification training programs that are acceptable in Florida.					
Culinary Arts 3 Location and Time					
SLWCHS	TCHS	FPCHS	TCHS	FPWA	SLWCHS
8800530BL/21A Semester 2 Period 1 7:33AM-9:03AM	8800530/36B Period 6B 10:43AM-12:13PM	8800530/31H Semester 1 Period 1 7:33AM-9:03AM	8800530/32B Period 2 7:33-9:03	8800530/37A Period 7 12:08PM - 1:41PM	8800530BL/21F Period1 7:33AM-9:03AM 8800530BL/21F Period 2 7:33AM-9:03AM
Culinary Arts 3 Location and Time					
PSLHS					
8800530/36H Period 6B 10:43AM-12:13PM					

Culinary Arts 4 Tracks 1 and 2

Credit 1

Course Number 8800550 and 88000560

Grade(s): 10-12

Prerequisite: Culinary Arts 2 and 3

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

Students will acquire basic management skills in kitchen management and restaurant entrepreneurship. Students will develop leadership skills in kitchen management and business management

Culinary Arts 4 Tracks 1 and 2 Location and Time

SLWCHS	SLWCHS	FPWA			
8800560BL/13F Semester 1 Period 3 9:08AM- 10:38AM	8800560BL/13F Semester 1 Period 4 9:08AM- 10:38AM	8800550/32A Period 2 7:31AM- 9:03AM			

Digital Media/Multimedia Design

Digital media production is the study of media creation and display through media outlets such as the internet. This includes audio and video streaming and hybrids of the two. Interactive media or rich media combines video, audio and user participation.

- The content includes practical experiences in web page design, interactive presentation development, testing, and production.
- Specialized skills in multimedia presentations such as video editing, audio features, and simple animation and authoring software are used to produce a variety of interactive multimedia presentations.
- Instruction and learning activities take place in a state-of-the-art laboratory setting using software technology to create hands-on high-tech digital media.
- Students learn Adobe Photoshop and Adobe Flash software to create products.
- Students will also apply basic skills in communications, mathematics, science, and problem-solving skills to enhance hands-on experiences.

Potential Industry Certifications / Credentials

- Adobe Certified Professional In Video Design
- Adobe Certified Professional in Visual Design
- Adobe Certified Professional in Web Design
- WordPress Certified Editor

Career and Technical Student Organization (CTSO)

- SkillsUSA

Digital Media 1

Credit 1

Course Number 8201210

Grade(s): 9-12

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

This course provides competencies in presentation production issues, basic computer knowledge, digital still photography, and photo editing software.

Version for academic Year:

Digital Media 1 Location and Time

LPA					
8201210/34B Period 4					

8:56AM-10:26AM					
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Digital Media /Multimedia Foundations 2

Credit 1 Course Number 8201220 Grade(s): 9-12 Prerequisite: Digital Media 1	\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.
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Description:

This course covers competencies in advanced design, illustration software, color modes, and fonts.

Digital Media /Multimedia Foundations 2 Location and Time

FPWA	LPA				
8201220/36G Period 6 12:08PM-1:41PM	8201220/33B Period 3 8:56AM-10:26AM				

Digital Media /Multimedia Foundations 3

Credit 1 Course Number 8201230 Grade(s): 9-12 Prerequisite: Digital Media/Multimedia Foundations 2	\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.
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Description:

This course covers competencies in design layout software.

Digital Media/Multimedia Foundations 3 Location and Time

FPWA					
8201230/34G Period 4 9:58AM-12:02PM					

Digital Media/Multimedia Motion Graphics Production**Credit 1****\$625** per semester**Course Number 8201620****\$1250** per year**Grade(s): 10-12****Prerequisite:**

Optional Industry Certification will be an additional cost.

Description:

Premiere Pro is the industry-leading video editing software for social sharing, TV, and film. Creative tools, integration with other apps and services, help you craft footage into polished films and videos. Focus on your story, and integrated workflows let you polish your work without leaving your timeline. Create cinematic movie titles, intros, and transitions. Remove an object from a clip. Start a fire or make it rain. Animate a logo or character. Even navigate and design in a 3D space. With After Effects, the industry-standard motion graphics, and visual effects software, you can take any idea and make it move.

Digital Media/Multimedia Foundations 3 Location and Time

LPA					
8201620/32B Period 2 7:22AM - 8:52AM					

Early Childhood Education

The field of Early Childhood Education includes teachers, teacher assistants, administrators, and others who assist young children in education and development. Specific responsibilities vary based on the job and the age of the children. Hands-on learning allows students to explore this career field and work with young children in educational facilities.

- The program is comprised of 120 hours of classroom instruction and 480 hours of direct work with children.
- Students gain experience in a real-world setting at St. Lucie West Centennial's "Eagles Nest" on-site fully functioning and accredited pre-school facility.
- Students work in on-site or local education facilities where they teach young children important skills for proper development and the foundations for classroom learning.
- Students learn skills needed to develop lessons and plan appropriate activities for young students, incorporating technology into their lessons.
- Safe and clean learning environments, nutrition, language and communication, developmentally appropriate practices, theories of child development, guidance and classroom management

- Upon completion of this program and meeting all requirements, students are awarded the Early Childhood Professional Certificate (ECPC). This credential is issued through the Florida Dept. of Children and Families / DCF and is required for employment in the field.					
Potential Industry Certifications / Credentials - Early Childhood Professional Certificate (ECPC) - Cardiopulmonary Resuscitation (CPR) and First Aid - Child Development Associate (CDA)			Career and Technical Student Organization (CTSO) SkillsUSA		
Early Childhood 1					
Credit 1 Course Number 8405110 Grade(s): 9, 10 Prerequisite: None			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: This course covers State and Local Rules and Regulations; Health, Safety, and Nutrition; Identifying and Reporting Child Abuse and Neglect; Child Growth and Development; Behavioral Observation and Screening; and Developmentally Appropriate Practices. Also included are components on communication, leadership, and relationship skills, methods of guidance, professionalism, career opportunities in the profession, community resources, and the development of an emergent reading and writing program including literacy activities.					
Early Childhood 1 Location and Time					
SLWCHS					
8405110/33N Period 3 9:08AM-10:38AM					
Early Childhood 2					
Credit 1 Course Number 8405120 Grade(s): 10, 11 Prerequisite: Early Childhood 1			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description:					

This course covers initial competencies involved in becoming a preschool teacher. Students will acquire competence in basic curriculum development, child development theories, factors that influence development, and planning and implementing a variety of developmentally appropriate activities for infants, toddlers, and preschoolers. Students can earn their 40-hour Department of Children and Families Training Certification.

Early Childhood 2 Location and Time

SLWCHS	SLWCHS				
8405120/31B Period 1 7:33AM- 9:03AM	8405120/37B Period 7 12:51-1:41				

Early Childhood 3

Credit 1
Course Number 8405130
Grade(s): 10, 11
Prerequisite: Early Childhood 1 and 2, pass all 7 DCF courses and exams

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

Competencies covered in Early Childhood III include planning and implementing developmentally appropriate activities that focus on preschool children. Students will acquire competence in understanding school age children and children with special needs. Classroom management techniques, creating optimum environments for all children, and developing appropriate curriculum are also covered. Students can earn their Infants and Children First Aid and CPR certification. They may also earn an Early Childhood Professional Certificate or a Child development Associate Credential. Early Childhood IV prepares students to be a child development specialist.

Early Childhood 3 Location and Time

SLWCHS					
8405130BL/13J Semester 1 Period 3 9:08AM- 10:38AM					

Early Childhood 4

Credit 1
Course Number 8405140
Grade(s): 10, 11
Prerequisite: Early Childhood 1 and 2 and 3, pass all 7 DCF courses and exams

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

In this course students will acquire competence in the areas of creating a successful developmentally appropriate curriculum, mentoring, recognizing cultural differences (are we missing a word or should we delete “developing”) when planning activities, community resources, classroom management, pediatric first aid, including children with special needs, recent trends and issues in early childhood education, and professionalism; as well as competencies from the DCF 40-hour Introductory Childcare Training coursework. Students will have completed the ECPC 480-hour work experience requirement by the end of this course.

Early Childhood 4 Location and Time

SLWCHS	SLWCHS				
8405140BL/23J Semester 2 Period 3 9:08AM- 10:38AM	8405140BL/23J Semester 2 Period 4 9:08AM- 10:38AM				

Game Simulation/Animation/Visual Design

Game and simulation programming, animation, and visual design deals with recreational activities, such as video games, as well as more serious applications such as flight instruction. This field requires a combination of creative and technical skills for applications such as technical simulation, online education, entertainment, and many evolving related areas. Some of the occupations in this field are multimedia artist, animator, computer programmer and software developer. Game designers develop the concept for a game, including the characters and main idea. Animation artists are in charge of developing how the video game looks through sketches. This could include drawing and creating characters, background scenes or interactive aspects of the game. In this field, computer designing is very important since graphics in video games are expected to be as realistic as possible. Programmers provide the technical aspects of game and simulation development by programming the code that allows the game to be played.

- The Game, Simulation, Animation, and Visual Design program includes a blend of hands-on exercises combined with traditional lecture and discussion. No prerequisite technical or artistic skills are needed.
- Students are encouraged to expand their own creative possibilities in a unique blend of creative and technical work.
- Class projects bring together technical and communication skills such as game design, software applications, visual art, animation, sound design, and writing.
- Students learn aspects of video game development including entertainment applications as well as simulators used for a variety of instructional purposes.

Build a Future: <https://youtu.be/qs5GK6NRAaY?si=-iXvEUAlufxPwJj>

Potential Industry Certifications / Credentials • CIW Social Media Strategist • CIW Web Foundations Associate • Entrepreneurship & Small Business • IT Specialist Databases • IT Specialist in Device Configuration and Management			Career and Technical Student Organization (CTSO) • SkillsUSA		
Digital Information Technology					
Credit 1 Course Number 8207310 Grade(s): 9, 10 Prerequisite: None			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: This class is designed to provide a basic overview of current business and information systems and trends and to introduce students to the basics and foundations required for today’s business environment. Emphasis is placed on developing proficiency with touch keyboarding and fundamental computer applications, so that they may be used as communication tools for enhancing personal and workplace proficiency in an information-based society. This also includes proficiency with computers using databases, spreadsheets, presentation applications, and the integration of these programs using software that meets industry standards					
Digital Information Technology Location and Time					
SLWCHS	FPWA	FPWA			
8207310/34M Period 4 9:08AM-10:38AM	8207310/34P Period 4 9:58AM-12:02PM	8207310/35P Period 5 9:58AM-12:02PM			
Gaming/Simulation Foundations					
Credit 1 Course Number 8208110 Grade(s): 10 Prerequisite: Digital Information Technology			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: This program emphasizes the development of technical abilities as well as ethical and societal awareness necessary to function in a highly technological society. The use of cooperative learning groups is recommended. By learning and practicing group process skills, students will be prepared to work "together" in real work situations. Program graduates will develop enhanced self-esteem as well					

as the problem solving and teamwork skills necessary to succeed in careers and postsecondary education.

Gaming/Simulations Foundations Location and Time

FPWA					
8208110/37P Period 7 12:08PM- 1:41PM					

Gaming/Simulation Design

Credit .5 Course Number 8208120 Grade(s): 11, 12 Prerequisite: Gaming /Simulation Foundations	\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.
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Description:

This program continues to emphasize the development of technical abilities as well as ethical and societal awareness necessary to function in a highly technological society. The use of cooperative learning groups is recommended. By learning and practicing group process skills, students will be prepared to work "together" in real work situations. Program graduates will develop enhanced self-esteem as well as the problem solving and teamwork skills necessary to succeed in careers and postsecondary education.

Gaming Simulations Design Location and Time

FPWA					
8208120/32P Period 2 7:31AM- 9:03AM					

Game Simulation/Animation/Programming

Game and simulation programming, animation, and visual design deals with recreational activities, such as video games, as well as more serious applications such as flight instruction. This field requires a combination of creative and technical skills for applications such as technical simulation, online education, entertainment, and many evolving related areas. Some of the occupations in this field are multimedia artist, animator, computer programmer and software developer. Game designers develop the concept for a game, including the characters and main idea. Animation artists are in charge of developing how the video game looks through sketches. This could include drawing and creating characters, background scenes or interactive aspects of the game. In this field, computer designing is very important since graphics in video games are expected to be as realistic as possible. Programmers provide the technical aspects of game and simulation development by programming the code that allows the game to be played.

- The Game, Simulation, Animation, and Visual Design program includes a blend of hands-on exercises combined with traditional lecture and discussion. No prerequisite technical or artistic skills are needed.
- Students are encouraged to expand their own creative possibilities in a unique blend of creative and technical work.
- Class projects bring together technical and communication skills such as game design, software applications, visual art, animation, sound design, and writing.
- Students learn aspects of video game development including entertainment applications as well as simulators used for a variety of instructional purposes.

Build a Future: <https://youtu.be/qs5GK6NRAaY?si=-iXvEUAlufxPwJj>

Potential Industry Certifications / Credentials

- CIW Social Media Strategist
- CIW Web Foundations Associate
- Entrepreneurship & Small Business
- IT Specialist Databases
- IT Specialist in Device Configuration and Management

Career and Technical Student Organization (CTSO)

- [SkillsUSA](#)

Digital Information Technology

Credit 1

Course Number 8207310

Grade(s): 9, 10

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

This class is designed to provide a basic overview of current business and information systems and trends and to introduce students to the basics and foundations required for today's business environment. Emphasis is placed on developing proficiency with touch keyboarding and fundamental computer applications, so that they may be used as communication tools for enhancing personal and workplace proficiency in an information-based society. This also includes proficiency with computers using databases, spreadsheets, presentation applications, and the integration of these programs using software that meets industry standards

Digital Information Technology Location and Time

SLWCHS	FPWA	FPWA			
8207310/34M Period 4 9:08AM- 10:38AM	8207310/34P Period 4 9:58AM- 12:02PM	8207310/31P Period 1 7:31AM- 9:03AM			

Gaming/Simulation Foundations

Credit 1

Course Number 8208110

Grade(s): 10

Prerequisite: Digital Information Technology

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

This program emphasizes the development of technical abilities as well as ethical and societal awareness necessary to function in a highly technological society. The use of cooperative learning groups is recommended. By learning and practicing group process skills, students will be prepared to work "together" in real work situations. Program graduates will develop enhanced self esteem as well as the problem solving and teamwork skills necessary to succeed in careers and postsecondary education.

Gaming/Simulations Foundations Location and Time

FPWA	FPWA				
8208110/33P Period 3 9:08AM- 9:53AM	8208110/37P Period 7 12:08PM- 1:41PM				

Gaming/Simulation Design

Credit .5

Course Number 8208120

Grade(s): 11, 12

Prerequisite: Gaming /Simulation Foundations

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

This program continues to emphasize the development of technical abilities as well as ethical and societal awareness necessary to function in a highly technological society. The use of cooperative learning groups is recommended. By learning and practicing group process skills, students will be prepared to work "together" in real work situations. Program graduates will develop enhanced self-esteem as well as the problem solving and teamwork skills necessary to succeed in careers and postsecondary education.

Gaming Simulations Design Location and Time

FPWA					
8208120/37P Period 7 12:08PM- 1:41PM					

Global Logistics and Supply Chain Technology

Global Logistics and Supply Chain Technology courses prepare students for employment and advanced training in logistics-related opportunities including the life cycle of a product from how it is acquired, distributed, inventory control, and delivered. The content includes but is not limited to: the global supply chain, the logistics environment, safety principles, quality control principles, work communication practices, teamwork-workplace behavior- and problem solving, supply chain computer systems, supply chain life cycle, product receiving and stocking, product order processing, product shipment, safe operation and use of equipment, inventory control, safe handling of hazardous materials, customs process/free trade, modes of transportation (air, sea, truck, and rail), dispatch operations, routing and tracking operations, and customer relations.

- The Global Logistics and Supply Chain program includes a blend of hands-on exercises combined with traditional lecture and discussion. No prerequisite technical skills are needed.
- Students will expand their knowledge of career pathways within global logistics, supply chain, and the business field.
- Class projects bring together technical and communication skills on topics such as logistics, inventory, distribution, management, customer service, marketing, profitability, transportation systems, and government regulations.
- Students learn aspects of product handling from materials and production through delivery and profitability with simulators used for a variety of instructional purposes.

Potential Industry Certifications / Credentials

- MSSC – Certified Logistics Technician (CLT)
- WordPress Certified Editor

Career and Technical Student Organization (CTSO)

- [SkillsUSA](#)

Global Logistics: Digital Information Technology

Credit 1

Course Number 8207310

Grade(s): 9, 10

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

This course is designed to provide a basic overview of current business and information systems and trends and to introduce students to the basics and foundations required for today's business environments. *Beginning course for Global Logistics and International Business Academies.

Global Logistics: Digital Information Technology Location and Time

LHS	TCHS				
8207310/34A Period 4	8207310/331 Period 3				

9:08AM-10:38AM	9:08AM-10:38AM				
Global Logistics Operations					
Credit 1 Course Number 9503130 Grade(s): 11, 12 Prerequisite: Digital Information Technology			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: The Global Logistics Operations course is designed to build on the skills and knowledge students learned in Global Logistics and Supply Chain Technology and the Introduction to Information Technology Applications courses for entry into the logistics and supply chain industry. Students explore career opportunities and requirements of a professional logistician. Content emphasizes an understanding of warehouse operations, storage and control operations, protection, and economics.					
Global Logistics Operations Location and Time					
TCHS	TCHS				
9503130/36E Period 6 12:48AM-1:41AM	9503130/37E Period 7 12:48AM-1:41AM				
Global Logistics Management					
Credit 1 Course Number 9503140 Grade(s): 11, 12 Prerequisite: Global Logistics Operations			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: The Global Logistics Management course is designed to build on the skills and knowledge students learned in Global Logistics and Supply Chain Technology, Introduction to Information Technology Applications, and Global Logistics Operations courses for entry into the logistics and supply chain industry. Students explore career opportunities and requirements of a professional logistician. Content emphasizes knowledge, skills, and understanding of college and career readiness, employability skills, career acquisition and retention, life skills, and technological literacy.					
Global Logistics Management Location and Time					
LHS	TCHS				
9503140/35A Period 7 12:48-1:41	9503140/34E Period 4 9:08-10:38				

Hospitality and Tourism

The hospitality industry is one of the largest career sectors in the world and continues to grow at a rapid pace. The Hospitality and Tourism Program prepares students for employment in careers such as reservation and transportation agents, travel destination specialists, tour operators, transportation attendants, cruise ship consultants, entertainment management, lodging, and senior living management. Studies include planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, health, safety, and environmental issues.

- The Hospitality and Tourism program includes a blend of hands-on exercises combined with traditional lectures and discussion. No prerequisite technical or artistic skills are needed.
- Students are encouraged to expand their own creative possibilities in a unique blend of creative and technical work.
- Class projects bring together technical and communication skills such as project planning, financial analysis, technical production and environmental issues.
- Students learn aspects of the Hospitality and Tourism career cluster through competency-based applied learning, academic knowledge, higher-order reasoning and problem-solving, work attitudes, general employability skills, technical skills, and occupation-specific skills.

Potential Industry Certifications / Credentials

- CIW Social Media Strategist
- ServSafe **Legacy High School only
- WordPress Certified Editor

Career and Technical Student Organization (CTSO)

- SkillsUSA

Introduction to Hospitality/Tourism

Credit 1

Course Number 8850110

Grade(s): 10

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

This course introduces the development of the tourism and hotel industry. This course is the first in a series to dive into the numerous career avenues and business opportunities of the hospitality and tourism industry. Students will learn about segments such as airlines, hotels, and cruise ships, as well as customer service and selling techniques. Topics include general concepts of tourism, travel motivations, scope and structure of travel organizations and travel-related professions

Introduction to Hospitality/Tourism Location and Time

FPCHS

LHS

8850110/34F Period 4 9:08AM- 10:38AM	8850110/34G Period 4 9:08AM- 10:38AM				
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Technology for Hospitality and Tourism

Credit 1 Course Number 8703110 Grade(s): 11 Prerequisite: Introduction to Hospitality and Tourism	\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.
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Description:

This course is designed to provide an introduction to computer technology and to develop entry-level skills for computer-related careers in the hospitality & tourism industry.

Technology for Hospitality and Tourism Location and Time

FPCHS	LHS				
8703110/11F Semester 1 Period 1 7:33AM -9:03 AM	8703110/37E Period 7 12:11PM- 1:41PM				

Hospitality and Tourism Marketing Management

Credit 1 Course Number 8703120 Grade(s): 12 Prerequisite: Introduction to Hospitality and Tourism and Technology for Hospitality/Tourism	\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.
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Description:

The purpose of this course is to provide students with the necessary career specific instruction in hospitality and tourism marketing management. Students will learn sales and management techniques, marketing principles, and entrepreneurship skills necessary to succeed in the hospitality and tourism industry. This course incorporates marketing and management principles and procedures of the hospitality and tourism industry as well as employment qualifications and opportunities.

Hospitality and Tourism Management Location and Time

FPCHS	LHS				
8703120/21F Semester 1 Period 1 7:33-9:03	8703120/36G Semester 1 Period 7 12:48-1:41				

International Business

In today's global economy, the study of cross border transactions of good, services, and resources between two or more nations is increasingly important. International Business includes the principles and processes of export sales, trade controls, foreign operations and related problems, monetary issues, international business policies, and applications to doing business in other countries and markets.

- Includes the study of organizational structures, business management, marketing, entrepreneurship, human relations, cross-cultural communications, leadership, legal agreements, trade relations, banking and finance, and international economics.
- Topics covered include ethics in the workplace, human resources and generally accepted office procedures.
- Technology is a cornerstone that reinforces and enhances classroom and laboratory lessons.
- Finance is a focus of the program and students leave with a strong understanding of many financial concerns and aspects of doing business in an international environment.
- Project-based activities solidify student understanding and prepare the student for an entry-level job and continuing education in the diverse field of Business.

Potential Industry Certifications / Credentials

- Entrepreneurship and Small Business (ESB)
- Quickbooks Certified User

Career and Technical Student Organization (CTSO)

- SkillsUSA
- [Future Business Leaders of America / FBLA](#)

International Business: Digital Information Technology

Credit 1

Course Number: 8207310

Grade(s): 9-12

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

This course is designed to provide a basic overview of current business and information systems and trends and to introduce students to the basics and foundations required for today's business environment. *Beginning course for Global Logistics and International Business Academies.

Digital Information Technology Location and Time

TCHS					
8207310/35I Period 5 10:43-12:13					

International Business Systems

Credit 1 Course Number: 8216110 Grade(s): 10,11 Prerequisite: Digital Information Technology			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: This course is designed to prepare students to live and work in a global economy. Students develop an understanding of business principles, management styles, economics, and customs which affect business systems in the international environment					
International Business Systems Location and Time					
TCHS					
8216110/37C Period 7 12:48-1:41					
Accounting Applications					
Credit 1 Course Number: 8203310 Grade(s): 11, 12 Prerequisite: International Business Systems			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: This course emphasizes double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording income, expenses, acquisition of assets, incurrence of liabilities, and changes in equity; and the preparation of financial statements. The use of computers and appropriate software is required.					
Accounting Applications Location and Time					
TCHS	TCHS				
8203310/35G Period 5B 10:43AM-12:13PM	8203310/34G Period 4 9:08-10:38				
International Finance and Law					
Credit 1 Course Number: 8216120 Grade(s): 12 Prerequisite: Accounting Applications 1			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		

Description:

This course is designed to introduce students to the laws and regulations governing international trade including knowledge of import-export activities, banking, treaties, and currency exchange rates

International Finance and Law Location and Time					
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TCHS					
8216120/31G Period 1 7:33AM- 9:03AM					

Marketing Management and Entrepreneurial Principals

Students develop competencies needed for marketing, management, and entrepreneurship including employability, human relations, communication, math, and economic skills. Students study marketing in a free enterprise society including advertising, promotion, product development and branding. This also includes the uses of technology and the Internet in selling, marketing research, purchasing, retail positioning strategies, and e-Commerce marketing.

- Human relations, communication, math and technology skills necessary for success in sport, recreation, and entertainment marketing occupations.
- Economic principles, marketing, business fundamentals and effective selling techniques.
- History of sport, recreation, and entertainment marketing.
- Applications of channel management (distribution), financing, and product/service planning.
- Marketing-information management, pricing, promotion and purchasing applications.
- Safety and risk management.
- Entrepreneurship.
- Uses of technology in marketing.

Potential Industry Certifications / Credentials

- Certified Internet Web (CIW)- Social Media Strategist
- Entrepreneurship & Small Business
- PMI Project Management Ready
- WordPress Certified Editor

Career and Technical Student Organization (CTSO)

- SkillsUSA
- Future Business Leaders of America / FBLA

Marketing Essentials	
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Credit 1**Course Number 8827110****Grade(s): 10****Prerequisite: None****\$625** per semester**\$1250** per year

Optional Industry Certification will be an additional cost.

Description:

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Marketing, Sales and Service career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problemsolving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Marketing, Sales and Service career cluster.

Marketing Essentials Location and Time

FPCHS					
8827110/34G Period 4 9:08AM- 10:38AM					

Marketing Applications

Credit 1 Course Number 8827120 Grade(s): 11 Prerequisite: Marketing Essentials	\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.
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Description:

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Marketing, Sales and Service career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Marketing, Sales and Service career cluster.

Marketing Applications Location and Time

FPCHS					
8827120/35G Period 5 10:43AM- 12:46PM					

Marketing Management

Credit 1 Course Number 8827130	\$625 per semester
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Grade(s): 12 Prerequisite: Marketing Applications			\$1250 per year Optional Industry Certification will be an additional cost.		
Description: The course provides a foundation for the financial planning and management of a new venture start-up and acquisition. It examines the process of financial forecasting, the practice of effective financial management, and sources of finance, bootstrapping strategy, and valuation and exit planning.					
Marketing Management Location and Time					
FPCHS					
8827130/36G Period 6 10:43AM- 12:46PM					

Outboard Marine Service Technology

Students receive training in communication, leadership, human relations and employability skills. This program introduces the service, repair and overhaul of four-stroke and two-stroke cycle engines and outboard motors; and service and repair of boating accessories. Students will become acquainted with marine electrical systems, fuel systems, power transfer systems, ignition systems, cooling systems, lubrication systems, drive systems and boat and trailer rigging.

- Safety including: clothing, eye protection, hand tools, power equipment, proper ventilation, and the handling, storage, and disposal of hazardous materials in accordance with safety and environmental regulations. Material Safety Data Sheets / MSDS
- Brakes Systems
- Electrical and Electronics Systems
- Steering
- Trailer suspension systems and Axles
- Engine Maintenance, Repair, and Performance
- Transmission Systems
- Air Conditioning
-

Chart Your Course: A Maritime and Marine Career Expo: <https://youtu.be/3fwXer0uOSo?si=Vj0ikfnEH8-x0KWY>

Potential Industry Certifications / Credentials

- ASE Entry-level

Career and Technical Student Organization (CTSO)

- SkillsUSA
- Future Business Leaders of America / FBLA

Marine Outboard 1					
Credit 1 Course Number 9504210 Grade(s): 9-12 Prerequisite: None			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: Students will learn entry-level skills for the outboard marine service industry. Hands-on training combined with laboratory and classroom experience gives the student a full understanding of workplace safety and organization trailer service, various boat materials, 2-stroke cycle outboard engines and fuel systems on boats.					
Marine Outboard 1 Location and Time					
SLWCHS					
9504210/31H Period 1 7:33AM-9:03AM					
Marine Outboard Service 2					
Credit 1 Course Number 9504220 Grade(s): 9-12 Prerequisite: Marine Outboard Service 1			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: Students will learn entry-level skills for the outboard marine service industry. Hands-on training combined with laboratory and classroom experiences gives the student a full understanding of marine electrical systems, procedures for preparing boats to customers, capacitor discharge ignition systems, outboard engine fuel systems, and proper use of computer systems related to parts specialization.					
Marine Outboard Service 2 Location and Time					
SLWCHS					
9504220/34H Period 4 9:08AM-10:38AM					
Marine Outboard Service 3/4 Block					
Credit 1			\$625 per semester		

Course Number 9504230/240 Grade(s): 9-12 Prerequisite: Marine Outboard Service 2				\$1250 per year Optional Industry Certification will be an additional cost.	
Description: In OMS 3, students will learn entry-level skills for the outboard marine service industry. Hands-on training combined with laboratory and classroom experiences gives the student a full understanding of outboard 4-stroke cycle engines, charging systems, battery ignition systems, and cranking systems. In OMS 4, students will learn entry-level skills for the outboard marine service industry. Hands-on training combined with laboratory and classroom experiences gives the student a full understanding of outboard engine lubrication systems, cooling systems, lower gear cases, lower units and housing assemblies, employability, and entrepreneurship.					
Marine Outboard Service Block 3/4 Location and Time					
SLWCHS	SLWCHS	SLWCHS	SLWCHS		
Course 3 9504230BL/15H Semester 1 Period 5 10:43AM-12:46PM	Course 3 9504230/15H Semester 1 Period 6 10:43AM-11:12:46	Course 4 9504240BL/25H Semester 2 Period 5 10:43AM-12:46PM	Course 4 9504240BL/25H Semester 2 Period 6 10:43AM-12:46PM		

Pharmacy Technician

This program offers a sequence of courses which prepare students for education and careers in the Health Science career cluster. The program is designed to prepare students for employment as pharmacy technicians. Our aging population, the increased use of medical technologies for diagnosis and treatment, and the resulting demand for healthcare services assure us that Healthcare will continue to be the fastest-growing industry sector. St. Lucie Public School's Allied Health programs offer students opportunities for certifications that lead to entry-level jobs in healthcare, as well as articulated credits to continue their educational and career pathway at the college level. Note: Regarding completion of Anatomy and Physiology (2000350): this course or its substitutions do not meet requirements for an "Equally Rigorous Science" credit.

Certified Pharmacy Technician (PTCB)

- Designed to prepare students for employment as pharmacy technicians.
- Preparation, receiving, and handling of medications.
- Patient record system and data processing.

Certified Medical Administrative Assistant (CMAA)

- Collect patient histories, maintain medical records, process insurance claims
- Prepare patients for procedures and take vital signs.
- Assist physicians during procedures, collect samples, and run tests in the lab.
- Students gain real world experience through contact hours in clinical settings at local health science facilities.

WLX Horizon: https://youtu.be/2D3FzrYjHTM?si=T4mKG60d61BD_hUI

Potential Industry Certifications / Credentials

- Certified Pharmacy Technician (PTCB)
- Certified Medical Administrative Assistant (CMAA)

Career and Technical Student Organization (CTSO)

- Health Occupations Students of America / HOSA
- SkillsUSA

Pharmacy Technician 1

Credit 1

Course Number 8418210

Grade(s): 10

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

Emphasis is placed on communication and interpersonal skills, use of technology, ethics and the development of critical thinking and problem solving skills. Students may shadow professionals throughout the course.

Pharmacy Technician 1 Location and Time					
FPWA	FPWA				
8418210BL/12E Period 2 7:31AM-9:03AM	418210BL/22E Period 4 9:58AM-12:02AM				
Pharmacy Technician 2					
Credit 1 Course Number 8418220 Grade(s): 9-12 Prerequisite: Pharmacy Technician 1.			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: This course builds on the knowledge and skill obtained in Pharmacy Technician 1, while also exploring the medical and legal considerations in pharmaceutical careers. Students will learn integral administrative procedures required of pharmacy technicians while applying knowledge of basic pharmaceutical chemistry and drug classification.					
Pharmacy Technician 2 Location and Time					
FPWA	FPWA				
8418220BL/22E Period 4 9:58AM-12:02PM	8418220BL/21E Period 2 7:31AM- 9:03AM				
Pharmacy Technician 3					
Credit 1 Course Number 8418230 Grade(s): 9-12 Prerequisite: Pharmacy Technician 2			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: This course builds on the knowledge and skills obtained in Pharmacy Technician 1 and 2. This course focuses on the importance of quality control when handling controlled substances and essential compounding techniques.					
Pharmacy Technician 3 Location and Time					
FPWA	FPWA				
8418230BL/11D Period 1	8418230BL/11D Period 3				

7:31AM-9:03AM	9:08AM-9:53AM				
Pharmacy Technician 4					
Credit 1 Course Number 8418240 Grade(s): 9-12 Prerequisite: Pharmacy Technician 3			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: This course builds on the knowledge and skills obtained in Pharmacy Technician 1, 2 and 3. This course focuses on pharmaceutical chemistry and its relationship with human physiology. Students will explore vital theories to better ensure patient safety and satisfaction.					
Pharmacy Technician 4 Location and Time					
FPWA	FPWA				
8418240BL/21D Period 1 7:31AM-9:03AM	8418240BL/21D Period 3 12:08PM-1:41PM				
Pharmacy Technician 5					
Credit 1 Course Number 8418250 Grade(s): 9-12 Prerequisite: Pharmacy Technician 4			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: This course builds on the knowledge and skills obtained in Pharmacy Technician 1, 2, 3 and 4. Clinical (externship) opportunity in the retail setting will enhance student’s understanding of community pharmacy practice, association management, and the issues impacting the retail and chain drug industry. This externship is designed to develop both professional and clinical skills to ensure success in the pharmacy field. Students are expected to participate in a clinical pharmacy experience that provides opportunities for each student to build on acquired knowledge and skills, to practice and develop skills in selected procedures. Such procedures include, but are not limited to, dispensing, compounding, inventory handling and control, drug distribution, processing of third-party claims, maintenance of patient profiles and interaction and communication with pharmacy staff.					
Pharmacy Technician Five Location and Time					
FPWA	FPWA				
8418250BL/13E Period 3 9:08AM-9:53AM	8418250BL/13E Period 5 9:58AM - 12:02AM				

Pharmacy Technician 6					
Credit 1 Course Number 8318260 Grade(s): 9-12 Prerequisite: Pharmacy Technician 5			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: This course builds on the knowledge and skills obtained in Pharmacy Technician 1, 2, 3, 4 and 5. Students will learn how to properly prepare sterile products for patients by considering common medical errors and applying detailed knowledge of quality control techniques, drug incompatibilities and the storage and disposal of controlled substances.					
Pharmacy Technician 6 Location and Time					
FPWA	FPWA				
8418260BL/23E Period 3 9:08AM- 9:53AM	8418260BL/23E Period 5 9:58AM- 12:02AM				
Pharmacy Technician 7					
Credit 1 Course Number 8418270 Grade(s): 9-12 Prerequisite: Pharmacy Technician 6			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: This course builds on the knowledge and skills obtained in Pharmacy Technician 1, 2, 3, 4, 5 and 6. Clinical (externship) in the hospital setting will expand the student’s knowledge of science and medicine as it relates to the professions associated with the practice of pharmacy in hospitals and family health centers. Students will interact with pharmacists and technicians and patients to provide services in all types of patient care settings including inpatient, outpatient and ambulatory care. Students are expected to participate in a clinical pharmacy experience that provides opportunities for each student to build on acquired knowledge and skills, to practice and develop skills in selected procedures. Such procedures include, but are not limited to, dispensing, compounding, inventory handling and control, drug distribution, processing of third-party claims, maintenance of patient profiles and interaction and communication with pharmacy staff					
Pharmacy Technician 7 Location and Time					
FPWA					
8418270/31E					

Period 1 7:31AM- 9:03AM					
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Technical Design

Drafting is the act of composing plans that visually communicate how something functions or is to be constructed. Also known as technical drawing, it is essential in industry and engineering for communicating ideas using common symbols, perspectives, units of measure, and page layout. This type of drawing is extremely precise versus the forms of expressive drawing known as visual arts. Individuals who choose a career in Drafting and Illustrative Design work in construction, architecture, and engineering.

- Instruction and learning activities in a laboratory setting using hands-on experiences with drafting instruments, equipment, materials, as well as computer-aided drawing and design.
- Students also apply basic skills in communications, mathematics, science, and design/problem-solving processes to enhance hands-on experiences.
- Provides the skills necessary to read and create blueprints for home and business construction. Drawings created show details and dimensions, explain procedure, and list materials.
- Activities may include the production of orthographic, auxiliary, sectional, engineering, and architectural drawings.
- Safety procedures, tools, equipment materials, and processes related to drafting occupations are an integral part of the daily classroom and laboratory lessons.
- Classroom lessons and labs prepare students to enter careers that focus on the planning and technical aspects of Drafting/Illustrative Design and continue their education in the field.

Technical Design: https://youtu.be/zpJcfcyVQOY?si=XykfG_alERSVX5Y3

Potential Industry Certifications / Credentials

- Autodesk Certified User – Autodesk Inventor
- Autodesk Certified User – Autodesk Autocad
- AutoDesk Fusion

Career and Technical Student Organization (CTSO)

- SkillsUSA

Technical Design 1

Credit 1

Course Number: 8401010

Grade(s): 9-11

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of technical design. This program focuses on transferable skills and stresses understanding and operation of complex two and three-dimensional graphics, editing, and image analysis tools to better understand, illustrate, explain, and present technical concepts and principles. Science, math, and visual design concepts are reinforced throughout each course.

Technical Design 1 Location and Time

PSLHS	PSLHS	PSLHS			
8401010/31I Period 1 7:33AM- 9:03AM	8401010/35I Period 5B 10:43AM- 12:13PM	8401010/37I Period 7 12:53PM- 1:41PM			

Technical Design 2

Credit 1

Course Number: 8401020

Grade(s): 10-12

Prerequisite: Technical Design 1

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

In this course, students learn more about the nature of design and drafting techniques for architectural purposes. Students are also provided with instruction in a variety of technical illustrations commonly produced to depict architectural concepts and designs.

Technical Design 2 Location and Time

PSLHS	PSLHS				
8401020/35I Period 5 10:43AM- 12:13AM	8401020/36I Period 6B 10:43AM- 12:13PM				

Technical Design 3

Credit 1

Course Number: 8401030

Grade(s): 10-12

Prerequisite: Technical Design 1 and 2

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

In addition to exploring the implications of applying technologies, this course provides students with instruction in advanced imaging techniques relative to both static and animated illustrations. In addition to learning more advanced techniques, students will have an opportunity to research a project, design an appropriate solution, and present their results.

Technical Design 3 Location and Time					
PSLHS	PSLHS				
8401030/35I Period 5 10:43AM- 12:13PM	8401030/36I Period 6 10:43AM- 12:13PM				
Advanced Technology Applications					
Credit 1 Course Number: 8601900 Grade(s): 10-12 Prerequisite: Technical Design 1 and 2 and 3 and Instructor Approval			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: This is a project-based capstone course to provide Engineering and Technology Education students with the opportunity to develop a project from "vision" to "reality". Students work in teams to design, engineer, manufacture, construct, test, redesign, test again, and then produce a finished "project"					
Advanced Technology Applications Location and Time					
PSLHS	PSLHS				
8601900/35I Period 5 10:43AM- 12:13PM	8601900/36I Period 6B 10:43AM- 12:13PM				

Veterinary Assisting

Ft. Pierce Westwood's veterinary lab is a state-of-the-art veterinary hospital where students learn through hands-on experiences in veterinary medicine. After graduating, students can work immediately as Veterinary Assistants or continue further education at the college level.

- Classroom studies include Animal Nutrition and Behavior, Anatomy and Physiology and Disease Processes, Medical Terminology, Parasitology and Immunology, and Surgical Nursing.
- A wide variety of skills are emphasized with classroom and lab lessons including science, math, communications, leadership, management, and technology.
- Students can receive on-the-job training in our kennel and clinical facilities. Student responsibilities include care of dogs and cats, restraint of dogs and cats, vaccinating animals, medicating animals, and observing/assisting in surgery.
- Students work on a daily basis in a state-of-the-art veterinary facility that includes classroom space, wet labs, dissection room, small animal housing, and kennels.
- Careers in Veterinary Science include: veterinarian, veterinary technician, veterinary assistant, veterinary specialty surgeon, veterinary pharmaceutical and diagnostic equipment sales, grooming / obedience training, pet store advisory and food sales, USDA personnel, research, CDC scientist, horse trainer, wildlife rehabilitator, marine mammal specialist, and much more!

Vet Assisting: <https://youtu.be/uUWluc8UU5Q?si=f-fh0FLYZ82fLL7w>

Potential Industry Certifications / Credentials

- Certified Veterinary Assistant
- Fundamentals of Animal Science

Career and Technical Student Organization (CTSO)

- Future Farmers of America (FFA)
- Future Business Leaders of America (FBLA)

Veterinary Assisting 1

Credit 1

Course Number: 8115110

Grade(s): 9-12

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

The content includes but is not limited to broad, transferable skills and stresses understanding and demonstration of the following elements of the veterinary assisting industry: planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues and health, safety and environmental issues.

Veterinary Assisting 1 Location and Time

FPWA					
811510/37H Period 7					

12:08PM-1:41PM					
Veterinary Assisting 2					
Credit 1 Course Number: 8111540 Grade(s): 10-12 Prerequisite: Veterinary Assisting 1			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: This course is designed to develop competencies in areas such as basic first aid; scientific and technological; tools and equipment; breed identification; and functions of systems.					
Veterinary Assisting 2 Location and Time					
FPWA					
8111540/32H Period 2 7:33-9:03					
Veterinary Assisting 3					
Credit 1 Course Number: 8111550 Grade(s): 10-12 Prerequisite: Veterinary Assisting 2			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: This course is designed to develop competencies in the areas of animal digestive systems; animal breeding; animal control; animal overpopulation; animal related laws; and breeds.					
Veterinary Assisting 3 Location and Time					
FPWA					
81113550/35H Period 5 9:58AM-12:02PM					

Veterinary Assisting 4					
Credit 1 Course Number: 8111520 Grade(s): 10-12 Prerequisite: Veterinary Assisting 2			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		

Description:

This course is designed to develop competencies in the areas of animal welfare and rights; research; record keeping; disease and parasites.

Veterinary Assisting 3 Location and Time					
FPWA					
81113550/31H					
Period 1					
7:33-9:03					

Computer Science and Technology (Web Development)

The internet is a series of interconnected computer networks that allow many computers to communicate with each other globally using a set of conventions known as protocols. The web is a layer on the internet that utilizes protocols to interlink and serve content. Web developers are developers who specialize in applications for the Web. Some of the programming languages that web developers currently use include Java, C++, C#, VB.net., HTML, and CSS.

Potential Industry Certifications / Credentials

- IT Specialist Device Configuration and Management
- Microsoft 365 Fundamentals
- HTML-CSS Coding Specialist
- User Interface Design

Career and Technical Student Organization (CTSO)

- SkillsUSA
- Future Business Leaders of America / FBLA

Computer Science and Technology: Emerging Technology in Business	
Credit 1 Course Number 8207010 Grade(s): 9, 10, 11 Prerequisite: None	\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.
Description:	

The purpose of this course is to enable students to develop basic knowledge of computer graphic systems and to produce computer-generated images by applying the elements of art and principles of design.

Emerging Technology in Business Location and Time

FPCHS	FPCHS	FPCHS			
8207010/31E Period 1 7:33AM- 9:03AM	8207010/36F Period 6 10:43AM- 12:46PM	8207010/37F Period 7 12:51PM- 1:41PM			

Fundamentals of Web Designs

Credit 1

Course Number 9001110

Grade(s): 10,11

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

The purpose of this course is to enable students to develop basic knowledge of computer graphic systems and to produce computer-generated images by applying the elements of art and principles of design.

Fundamentals of Web Design Location and Time

FPCHS					
9001110BL/13D Semester 1 Period 3 9:08AM- 10:38AM					

User Interface Design

Credit 1

Course Number 9001120

Grade(s): 11, 12

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

This course provides advanced concepts used in interface design. The content includes principles of Human Computer Interface (HCI), advanced page design using Cascading Style Sheets (CSS), advanced HTML commands, multimedia applications, Internet/Intranet tools, and website promotion.

User Interface Design Location and Time					
FPCHS					
9001120BL/23D Semester 2 Period 3 9:08AM- 10:38AM					

Junior Reserve Officer Training Corps

The Junior Reserve Officers' Training Corps (JROTC) is a federal program sponsored by the United States Armed Forces. The program was originally created as part of the National Defense Act of 1916 and later expanded under the 1964 ROTC Vitalization Act.

According to Title 10, Section 2031^[1] of the United States Code, the purpose of the Junior Reserve Officers' Training Corps is "to instill in students in [the United States] secondary educational institutions the values of citizenship, service to the United States, and personal responsibility and a sense of accomplishment."^[2]

Additional objectives are established by the service departments of the Department of Defense. Under 542.4^[3] of Title 32 (National Defense) of the Code of Federal Regulations, the Department of the Army has declared those objectives for each cadet to be:

- Developing citizenship and patriotism
- Developing self-reliance and responsiveness to all authority
- Improving the ability to communicate well both orally and in writing
- Developing an appreciation of the importance of physical fitness
- Increasing a respect for the role of the U.S. Armed Forces in support of national objectives
- Developing a knowledge of team building skills and basic military skills
- Taking 1–3 years of the course grants cadets the ability to rank higher if they pursue a military career.

Potential Industry Certifications / Credentials

Vary by Program and School

- TCHS Air Force JROTC: Private Pilot Ground School
- Small UAS Safety Certification
- Visual Line of Sight System Operator

Air Force JROTC

Air Force JROTC

Classroom study includes:

- The heritage of flight
- Principles of aircraft flight and navigation
- Human requirements of flight
- Development of aerospace power
- Aerospace vehicles
- Rocketry
- Space programs, space technology, and aerospace industry

Certifications: Unmanned Aircraft Systems (Unmanned Safety), Unmanned Aircraft Systems Security (Unmanned Safety)

Students who qualify academically in Leadership Classes 3 and 4 may also take ERAU dual enrollment classes on the TCHS campus: ASC1000 Principles of Aeronautical Science, ASC2560 Small Unmanned Aircraft Systems Operations, and ASC2568 UAS Design, and ASC2564 Unmanned Aircraft Security.

Air Force JROTC Leadership Development 1

Credit 1

Course Number 1800300

Grade(s): 9-12

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

The Army Junior Reserve Officer Training Corps (AJROTC) is a four-year citizenship program. All AJROTC courses are blends of material from an Aerospace Science (AS) component, a Leadership Education (LE) component and a Wellness component. For organizational purposes Aerospace Science is separated from the Leadership Education component in each AJROTC class.

Air Force JROTC Leadership and Development 1 Location and Time

TCHS

TBA

Air Force JROTC Leadership Development 2

Credit 1

Course Number 1800310

Grade(s): 9-12

Prerequisite: Development 1

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

The purpose of this course is to enable students to develop knowledge of the aerospace environment, human requirements of flight, principles of aircraft flight, and principles of navigation. Students also develop effective communication skills, understanding of human and group behavior, and basic leadership concepts. Students practice drill movements and observe military customs and ceremonies.

Air Force JROTC Leadership and Development 2 Location and Time

TCHS

TCHS

TCHS

1800310/35D
Period 5A
11:13-12:43

1800310/32D
Period 2
7:33AM-
9:03AM

1800330/37D
Period 7
12:48PM-
1:41PM

Air Force JROTC Leadership Development 3

Credit 1 Course Number 1800320 Grade(s): 9-12 Prerequisite: Air Force JROTC Leadership Development 2			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: The purpose of this course is to enable students to develop knowledge of the space environment, space programs and technology, and manned space flight. Students develop knowledge and skills related to planning for post secondary education or employment and career opportunities, including financial planning. Students polish skills in marching and conducting military ceremonies.					
Air Force JROTC Leadership and Development 3 Location and Time					
TCHS					
1800320/31C Period 1 7:33-9:03					
Air Force JROTC Aerospace Science 4- Leadership Development					
Credit 1 Course Number 1800330 Grade(s): 9-12 Prerequisite: Air Force JROTC Leadership Development 1			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: The purpose of this course is to enable students to develop knowledge of physical and human geography in the major regions of the world. Students develop fundamental management concepts and skills and apply them in corps activities. Drill and ceremony functions are carried out with ease and professionalism.					
Air Force JROTC Aerospace Science 4 Location and Time					
TCHS					
1800330/37A Period 7 12:48PM-1:41PM					
Air Force JROTC Leadership Development 4					
Credit 1 Course Number 1800360 Grade(s): 9-12 Prerequisite: Air Force JROTC Leadership Development 1, 2 and 3			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		

Description:

The purpose of this course is to enable students to develop advanced, in-depth knowledge of aerospace topics. Students develop the foundation for receiving a private pilot license. Students develop fundamental management concepts and skills and apply them in corps activities. Drill and ceremony functions are carried out with ease and professionalism.

Air Force JROTC Leadership Development 4 Location and Time					
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TCHS					
1800360/35A Period 5B 10:43AM- 12:13PM					

Air Force: Introduction to UAS Design (Embry Riddle Aeronautical University Course)	
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Credit 1 Course Number ASC2568 Grade(s): 11-12 Prerequisite: Instructor Approval, Leadership Develop 1 and 2	\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.
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Description:

The purpose of this course is to enable students to develop knowledge of physical and human geography in the major regions of the world. Students develop fundamental management concepts and skills and apply them in corps activities. Drill and ceremony functions are carried out with ease and professionalism.

Introduction to UAS Design Location and Time					
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TCHS					
ASC2568OC/26A Semester 2 Period 6A 11:13AM - 12:43PM					

Introduction to Unmanned Aircraft Systems (Embry Riddle Aeronautical University Course)	
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Credit 1 Course Number ASC25700C Grade(s): 11- 12 Prerequisite: Instructor Approval, , Leadership Develop 1 and 2	\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.
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Description:

This course provides a survey of unmanned aircraft platforms and common systems with an emphasis on civil applications. Students explore the history and development of UAS (unmanned aircraft

systems) platforms, components and functions, regulatory requirements, mission planning for flight operations, and operational considerations

Unmanned Aircraft Systems Location and Time

TCHS					
ASC2570OC/16A Period 6A 11:13-12:43					

Uncrewed Aircraft Systems Security (Embry Riddle Aeronautical University Course)

Credit 1 Course Number ASC2564 Grade(s): 11- 12 Prerequisite: Instructor Approval, Leadership Develop 1 and 2	\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.
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Description:

Concepts of UAS security and protection; security engineering, vulnerability, malicious attack; strategies for protecting systems and assets; implications of ignoring security concerns.

Uncrewed Aircraft Systems Security Location and Time

TCHS					
TBA					

Army Force JROTC

The JROTC program has changed greatly over the years. Once looked upon primarily as a source of enlisted recruits and officer candidates, it became a citizenship program devoted to the moral, physical, and educational uplift of American youth. Although the program retained its military structure and the resultant ability to infuse in its student cadets a sense of discipline and order, it shed most of its early military content.

The study of ethics, citizenship, communications, leadership, life skills, and other subjects designed to prepare young men and women to take their place in adult society, evolved as the core of the program. More recently, an improved student-centered curriculum focusing on character building and civic responsibility are being presented in every JROTC classroom.

Army : Leadership Education and Training 1

Credit 1 Course Number 1800300 Grade(s): 9-12 Prerequisite: None	\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.
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Description:

The purpose of this course is to enable students to develop knowledge of the history, customs, traditions, and purpose of the Army Junior Reserve Officer Training Corps (JROTC). The course includes the development of basic leadership skills including leadership principles, values, and attributes. Students should master appreciation for diversity. Active learning strategies are integrated throughout the course with an emphasis on writing skills and oral communication techniques. Financial planning as well as physical fitness, diet, nutrition, healthy lifestyles, awareness of substance abuse and prevention, and basic first aid measures are included. An overview of the globe and geography and basic map reading skills are incorporated. A study of the United States Constitution, Bill of Rights, responsibilities of United States citizens, and the federal justice system is also provided.

Army Leadership 1 Location and Time					
FPCH	FPCH	FPCH	FPWA	FPWA	FPWA
1801300/31B Period 1 7:33AM-9:03AM	1801300/32B Period 2 7:33AM-9:03AM	1801300/34B Period 4 9:08AM-10:38AM	1801300/35L Period 5 9:58AM-12:02PM	1801300/36L Period 6 12:08PM-1:41PM	1801300/37L Period 7 12:08PM-1:41PM

Army Leadership 1 Location and Time					
FPCH	FPCH	FPCH	FPWA	FPWA	FPWA
1801300/31B Period 1 7:33AM-9:03AM	1801300/32B Period 2 7:33AM-9:03AM	1801300/34B Period 4 9:08AM-10:38AM	1801300/35L Period 5 9:58AM-12:02PM	1801300/36L Period 6 12:08PM-1:41PM	1801300/37L Period 7 12:08PM-1:41PM

Army : Leadership Education and Training 2**Credit 1****Course Number 1800310****Grade(s): 9-12****Prerequisite: Army Leadership Education 1**

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

The purpose of this course is to enable students to expand on skills taught in Leadership Education and Training 1. This course introduces the concepts of equal opportunity, fair treatment of minorities, and prevention of sexual harassment. It provides instruction on leadership skills, leadership theories, as well as the basic principles of management. It provides self-assessments that help students determine their skill sets and opportunities to teach using accepted principles and methods of instruction. It emphasizes community projects to assist in drug prevention efforts. It also includes dietary guidelines, fitness, and map reading and orienteering skills. It discusses the significant events that helped shape and develop the Constitution and government and teaches the role of political parties in the election process.

Army leadership 2 Location and Time					
FPCH	FPCH	FPCH	FPWA	FPWA	FPWA
1801310/31A Period 1 7:33AM-9:03AM	1801310/33A Period 3 9:08AM-10:38AM	1801330/34A Period 4 9:08AM-10:38AM	1801310/32K Period 2 7:31AM-9:03AM	1801310/35K Period 5 9:58AM-12:02PM	1801310/37K Period 7 12:08PM-1:41PM

Army leadership 2 Location and Time					
FPCH	FPCH	FPCH	FPWA	FPWA	FPWA
1801310/31A Period 1 7:33AM-9:03AM	1801310/33A Period 3 9:08AM-10:38AM	1801330/34A Period 4 9:08AM-10:38AM	1801310/32K Period 2 7:31AM-9:03AM	1801310/35K Period 5 9:58AM-12:02PM	1801310/37K Period 7 12:08PM-1:41PM

Army : Leadership Education and Training 3**Credit 1****Course Number 1800320**

\$625 per semester

Grade(s): 9-12 Prerequisite: Army Leadership Education 1 and 2			\$1250 per year Optional Industry Certification will be an additional cost.		
Description: The purpose of this course is to enable students to expand on skills taught in Leadership Education and Training 2. This course allows cadets to investigate the interrelationships of the services while they continue to build their leadership development and decision-making skills. It includes negotiation skills and management principles. It emphasizes staff procedures and opportunities to handle various leadership situations as well as prevent violence and manage anger. The research, identification, planning, and execution of service-learning activities are included. This course gives cadets the opportunity to apply basic concepts of strategies for career exploration and planning. It teaches how to create a career portfolio and plan for college or work. Financial management principles are studied. Skills for orienteering and/or land navigation are developed. The course also includes studies in the federal judicial system and how historical events have shaped social systems.					
Army Leadership 3 Location and Time					
FPCH	FPCH	FPCH	FPWA	FPWA	FPWA
1801320/31A Period 1 7:33AM-9:03AM	1801320/33A Period 3 9:08AM-10:38AM	1801320/34A Period 4 9:08AM-10:38AM	1801320/32K Period 2 7:31AM-9:03AM	1801320/35K Period 5 9:58AM-12:02PM	P1801320/37K Period 7 12:08PM-1:41PM
Army : Leadership Education and Training 4					
Credit 1 Course Number 1800330 Grade(s): 9-12 Prerequisite: Army Leadership Education 1-3			\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.		
Description: The purpose of this course is to enable students to expand on skills taught in Leadership Education and Training 3. This course focuses on creating a positive leadership situation, negotiating, decision making, problem solving, team development, project management, and mentoring. Students will demonstrate leadership potential in an assigned command or staff position within the cadet battalion organizational structure. The course teaches cadets how to use emotional intelligence in leadership situations as well as how to maintain a positive attitude. It provides instruction on etiquette, daily planning, financial planning, and careers. It includes requirements for the practical application of leadership duties. It emphasizes physical fitness through healthy individual and group competition. The interactions between groups of people and how they affect the area's cultural, economic, and political characteristics are discussed. Concepts of democracy and freedom and their influence on local governments are also included.					
Army Leadership 4 Location and Time					
FPCH	FPCH	FPCH	FPWA	FPWA	FPWA
1801330/31B	1801330/33B	1801330/37B	1801330/32L	1801330/35L	1801330/37L

Period 1 7:33AM- 9:03AM	Period 3 9:08AM- 10:38AM	Period 7 12:51PM- 1:41PM	Period 2 7:31AM- 9:03AM	Period 5 9:58AM- 12:02PM	Period 7 12:08PM- 1:41PM
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Navy Force JROTC

NJROTC is a rewarding program available to all high school students. Completion of 2 years in the JROTC curriculum will cover for the one credit requirement of Physical Education (PE) and the one credit requirement in Performing Arts. It also counts as your HOPE credit at St. Lucie West Centennial High School. Cadets earn more than 100+ community service hours per year.

This program does not require for you to join the military after graduation, but it does give the select few that want to join a head start and a feeling of the military atmosphere.

We are a Navy and Marine Corps unit!

Naval Science 1 Introduction to JROTC

Credit 1

Course Number 1802300

Grade(s): 9-12

Prerequisite: None

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

The purpose of this course is to introduce students to the precepts of citizenship, the elements of leadership, and the value of scholarship in attaining life goals. This course will also enable students to develop appreciation for the heritage and traditions of America, to recognize the importance of the role of sea power in America's future, and to develop a sense of pride in his/her organization, associates, and self. These elements are pursued at a fundamental level.

Naval Science 1 Location and Time

SLWCHS	SLWCHS	SLWCHS			
1802300/32B Period 2 7:33AM- 9:03AM	1802300/33B Period 3 9:08AM-10:38AM	1802300/34B Period 4 9:08AM-10:38AM			

Naval Science 2 Maritime History and Nautical Science

Credit 1

Course Number 1802310

Grade(s): 9-12

Prerequisite: Naval Science 1

\$625 per semester

\$1250 per year

Optional Industry Certification will be an additional cost.

Description:

The purpose of this course is to engender a sound appreciation of the heritage and traditions of America, with recognition that the historically significant role of sea power will be important in America's future. This course will also enable students to develop a sense of pride in his/her organization, associates, and self. This course will further enable students to develop understanding of maritime geography as it relates to our natural resources, landforms, climate, soil, bodies of water, people, governments, the military, and geopolitics.

Naval Science 2 Location and Time

SLWCHS	SLWCHS	SLWCHS			
1802310/31A Period 1 7:33AM- 9:03AM	1802310/32A Period 2 7:33AM- 9:03AM	1802310/33A Period 3 9:08AM-10:38AM			

Naval Science 3 Naval Operations and Seamanship

Credit 1 Course Number 1802320 Grade(s): 9-12 Prerequisite: Naval Science 1 and 2	\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.
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Description:

The purpose of this course is to enable students to further develop understanding the importance of sea power and national security, naval operations and support functions, military law, international law, and the sea. This course will also enable students to develop understanding of the technical area of naval science study

Naval Science 3 Location and Time

SLWCHS	SLWCHS	SLWCHS			
1802320/31A Period 1 7:33AM- 9:03AM	1802320/33A Period 3 9:08AM-10:38AM	1802320/34A Period 4 9:08AM-10:38AM			

Naval Science 4 Leadership and College/Career Readiness

Credit 1 Course Number 1802330 Grade(s): 9-12 Prerequisite: Naval Science 1-3	\$625 per semester \$1250 per year Optional Industry Certification will be an additional cost.
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Description:

Naval Science IV is a capstone leadership course designed for senior cadets. Instruction focuses on practical leadership application, mentoring underclassmen, and managing NJROTC unit activities. Students study leadership theory, motivation, goal setting, performance evaluation, and ethics, while also receiving preparation for college, scholarships, military and civilian careers, including SAT/ACT

preparation and postsecondary planning. Cadets typically serve in top leadership positions within the unit.					
Naval Science 4 Location and Time					
SLWCHS	SLWCHS	SLWCHS			
1802330/31B Period 1 7:33AM- 9:03AM	1802330/33B Period 3 9:08AM-10:38AM	1802330/34B Period 4 9:08AM-10:38AM			