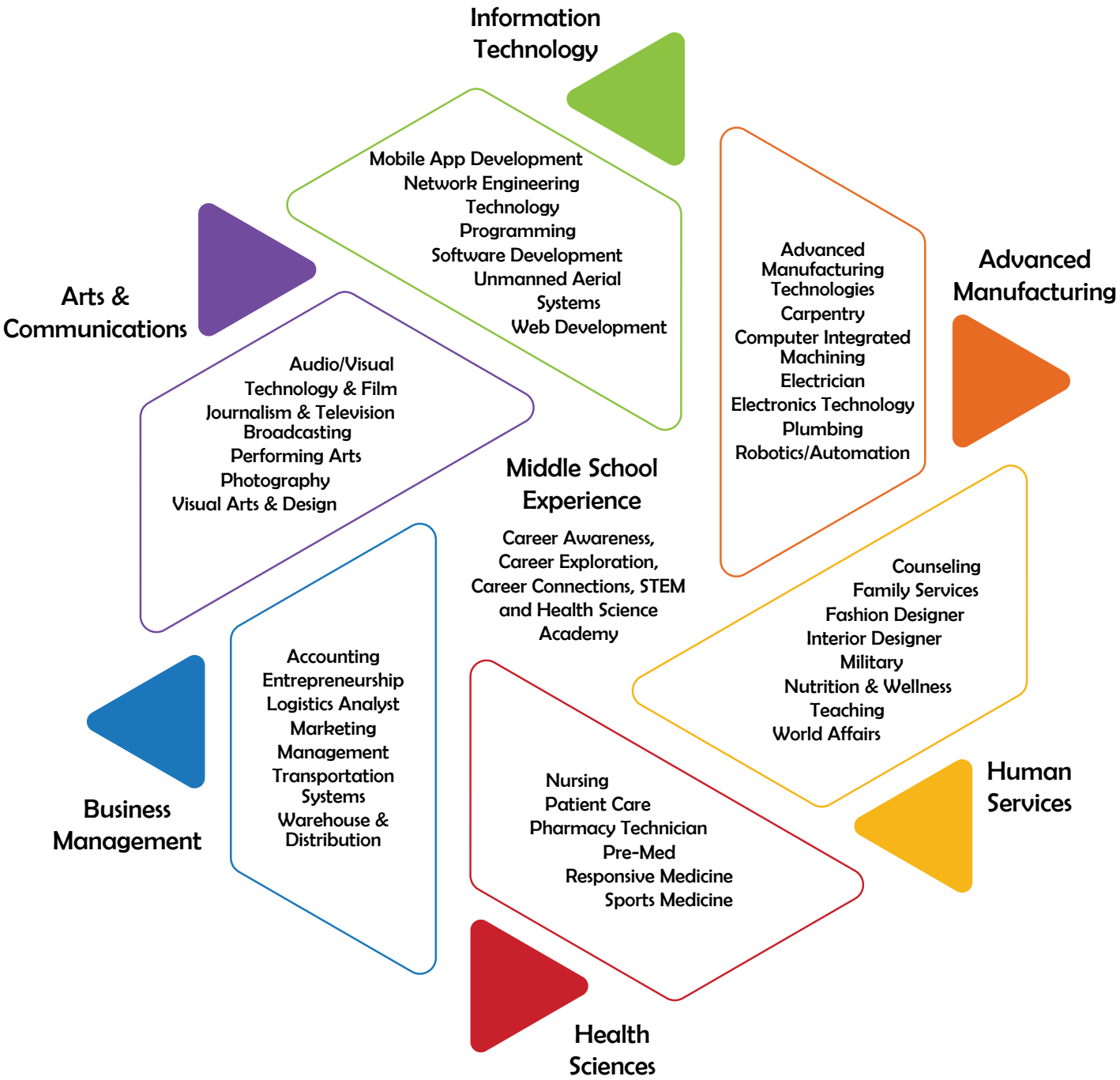
Career & Technology Education



FORT SMITH PUBLIC SCHOOLS

Courses & Programs

	Peak	NHS	SHS	UAFS
Advanced Manufacturing				
Carpentry	●			
Design for Manufacturing		●	●	
Electrical	●			
Manufacturing Production Processes		●	●	
Mechanical, Electrical, & Plumbing (MEP)	●			
Plumbing	●			
Principles of Advanced Manufacturing		●	●	
Skilled Trades: Construction		●	●	
Programs of Study:				
Automotive Technology				●
Computer Integrated Machining	●			
Electronics Technology/Robotics & Automation	●			
Welding				●
Arts & Communications				
Digital Cinema Productions I-III		●	●	
Digital Cinema Productions Lab		●	●	
Digital Commercial Photography I-III		●		
Digital Commercial Photography Lab		●		
Media Communications		●	●	
Programs of Study:				
Emerging Art & Design	●			
Business Management				
Advanced Databased Applications		●	●	
Advanced Spreadsheet Applications		●	●	
Computerized Accounting I/II		●	●	
Digital Marketing		●		
Management		●	●	
Marketing Business Enterprise		●	●	
Markets & Analytics		●		
Personal Finance		●	●	
Small Business Operations		●	●	
Survey of Business		●	●	

Locations At A Glance

	Peak	NHS	SHS	UAFS
Health Sciences				
Foundations of Health Care		●	●	
Medical Lab	●			
Medical Terminology		●	●	
Patient Care Tech (PCT)	●			
Principles of Sports Medicine		●	●	
Sports Medicine Injury Assessment		●	●	
Programs of Study:				
Certified Nursing Assistant (CNA)	●			
Emergency Medical Technician (EMT)	●			
Practical Nursing	●			
Human Services				
Advanced Fashion and Interior Design		●	●	
Army JROTC I-IV		●	●	
Child Growth and Development		●	●	
Dynamics of Human Relationships		●	●	
Education Technology		●	●	
Family and Consumer Sciences		●	●	
Fashion and Interior Design		●	●	
Food Safety and Nutrition		●	●	
Introduction to Education		●	●	
Life and Fitness Nutrition		●	●	
Information Technology				
AP Computer Science Level I/II		●	●	
AP Computer Science Principles Level I/II		●	●	
Computer Science Independent Study			●	
Computer Science Programming Year 1-3		●	●	
Mobile Application Development Year 1/2			●	
Principles of Information Technology		●	●	
Unmanned Aerial Systems I-III		●	●	
Unmanned Aerial Systems Flex		●	●	
Programs of Study:				
Computer Graphics Technology				●
Network Engineering Technology	●			

The Middle School Experience

In Middle School, the students experience a variety of career focused activities. They will learn about who they are and what they are interested in by utilizing several resources such as:

- Naviance
- You Science
- iCan Career Expo
- Edge Factor
- Career Ready Labs

The Middle School experience will aid students in choosing the most appropriate High School program of study.

Career-focused experiences:

6th Grade

- Career Awareness
- STEM - Amazon Future Engineers

7th Grade

- Career Exploration
- STEM - Project Lead the Way

8th Grade

- Career Connections
- Keystone: High School or graduation credit embedded
- STEM - Project Lead the Way

Keystone
493850

Students will receive instruction in self-realization, interpersonal skills, study skills, self-management skills, goal setting, and planning strategies. This transition course will create a sense of belonging among students by having them become productive citizens of their school and community. Keystone will help students to develop personal success through 21st century skills, such as, communication, teamwork, critical thinking, and creativity. FSPS students will receive this high school or graduation credit in 8th grade Career Connections class. Keystone in high school will be available for students who transfer in to Fort Smith.

Health Sciences Academy

The Health Sciences Academy at Darby Middle School is designed to provide innovative academic learning through a health care lens for students grades 6-8.

Project-based and hands-on learning will accelerate academics in the areas of math and science as well as expose students to occupations within the healthcare industry.

Students will receive opportunities for:

- Clinical site work
- Job shadowing
- Mentoring in the local healthcare industry
- Certification in CPR and Stop the Bleed


A CLEAR PATH


Fort Smith Police

Career Readiness Resources

YouScience gives students hope, relevance, and direction by expanding their vision of opportunities. Unlike traditional interest surveys, YouScience uses fun, engaging 'brain games' to capture real measures of aptitudes (natural abilities most important to career choice). YouScience then translates those talents into real world, high-demand careers.

Connecting Learning to Life

Naviance is a comprehensive college and career readiness solution that will help our district and schools align student strengths and interests to postsecondary goals, improving student outcomes and connecting learning to life.

Student Information Housed in Naviance

- 4-year course plan
- Survey results
- Assessment results
- Journal entries
- Saved Colleges
- Saved Careers, Clusters
- Task assignment list
- College application
- Scholarship Information

Student Log In

Go to www.clever.com
Click on "Log in as a student" in the upper right corner
Click on "Log in with FSPS email address"
Enter district email address: (first initial last initial ID#)
Ex. ac40123@fortsmithschools.org
Enter your password: (first name last initial birth month year)
Ex. amyc0104
Click on Naviance app

For Parent Login Information:
Activation codes are available through the counseling office.

The iCan Career Expo has been held since 2015 with the desire of connecting students to adults through hands-on career focused activities. The goals have been to highlight the job market in the river valley and show students opportunities they may not have been aware of previously. The iCan Career Expo has included hundreds of community volunteers from many businesses and industries. As of 2019, students are connected to top career matches through their You Science results.

"iCan Expo provides a great exposure opportunity for our business and employees to this population of students and their families and friends...without this continued emphasis on our local community, we are doing a disservice to the young people on what future opportunities are available right here in their home town."

- Sherry Sims, Rheem

"The depth of the career options for the students to explore was amazing. The organization was impressive. The students we interacted with were interested and engaged."

- Kerry Tucker, School Based Health Provider

"iCan Career Team...had to email a word of appreciation for all your work to make today happen! What a fabulous experience for our students...for all FSPS 8th graders!!!"

- Katie Mankins, Assistant Principal at Chaffin

Beginning in the fall of 2023, the iCan Career Expo will include more schools and students from the entire region. We look forward to the growth of this collaboration.

Future Potential Occupations

Automotive Technician
Carpenter
Construction Manager
Electrical Engineer
Electrician
ElectronicsTechnician
Machinist
Mechanical Engineer
Plumber
Welder

Advanced Manufacturing

Programs of Study:

- Advanced Manufacturing
- Associates Degree in Electronics Technology
- Automotive
- Computer Integrated Machining
- Construction
- Electronics Technology/Robotics & Automation
- Welding

Additional courses to compliment pathway:

- AP Physics
- AP Environmental Science
- AP Pre Calculus
- Concurrent Smart Start Courses

Back to Career Wheel


Advanced Manufacturing
LEVEL 01
Skilled Trades: Construction
LEVEL 02
Principles of Advanced Manufacturing
LEVEL 03
Design for Manufacturing
LEVEL 04
Manufacturing Production Processes
Automotive
LEVEL 01
Skilled Trades: Construction
LEVEL 02
Principles of Advanced Manufacturing
LEVEL 03
UAFS 2-Year Program
LEVEL 04
UAFS 2-Year Program

Computer Integrated Machining

LEVEL 01 — Skilled Trades: Construction

LEVEL 02 — Principles of Advanced Manufacturing

LEVEL 03 — Peak 2-Year Program

LEVEL 04 — Peak 2-Year Program

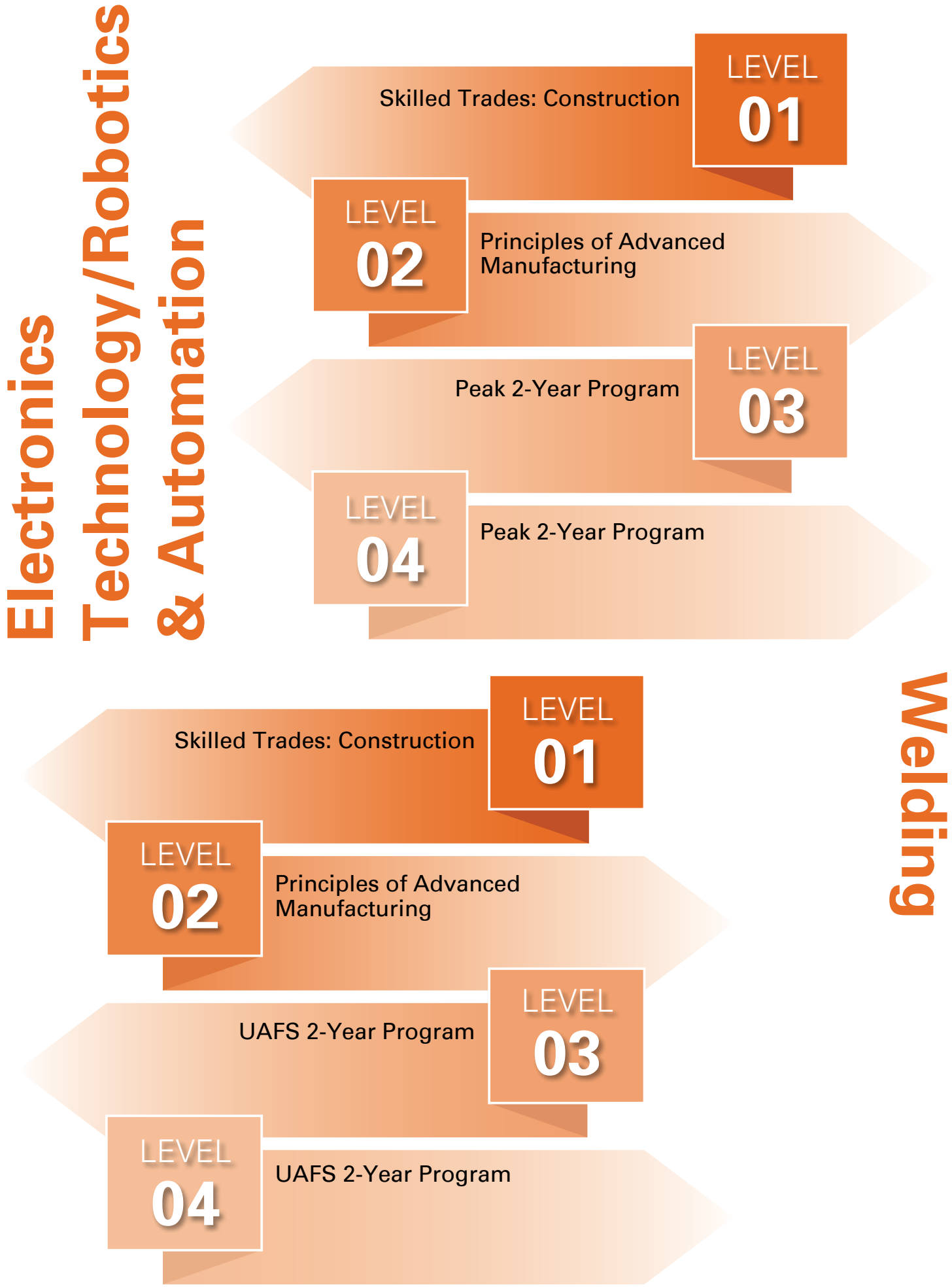
Construction

LEVEL 01 — Skilled Trades: Construction

LEVEL 02 — Principles of Advanced Manufacturing

LEVEL 03 — Peak Carpentry MEP Systems

LEVEL 04 — Peak Electrical, Plumbing & Construction Lab


Electronics Technology/Robotics & Automation
LEVEL 01
Skilled Trades: Construction
LEVEL 02
Principles of Advanced Manufacturing
LEVEL 03
Peak 2-Year Program
LEVEL 04
Peak 2-Year Program
Welding
LEVEL 01
Skilled Trades: Construction
LEVEL 02
Principles of Advanced Manufacturing
LEVEL 03
UAFS 2-Year Program
LEVEL 04
UAFS 2-Year Program

Students may choose to complete the Electronics Technology pathway over three (3) years and obtain an Associates Degree. The sample plan below can be used for guidance.

Program of Study: *College/Career*	Pathway Name: *Associate of Applied Science in Electronics Technology*				*Pending HLC Approval*
SUBJECT	**8th GRADE**	**9th GRADE**	**10th GRADE**	**11th GRADE**	**12th GRADE**
LANGUAGE ARTS (4 Credits)		English 9	English 10	English Composition I & II *(Concurrent/ AP option)* ***ENGL 1203/ ENGL 1213*** Fall/Spring	Intro to Speech Comm *(Concurrent)* ***SPCH 1203*** Spring
MATH		Algebra I	Geometry	Algebra II	College Algebra *(Concurrent)* ***MATH 1403*** Fall
SCIENCE		Physical Science	Biology		Physical Science *(Concurrent)* ***PHSC 2713/2711***
SOCIAL STUDIES		World History		U.S. History II *(Concurrent/ AP option)* ***HIST 2763*** Fall	Civics & Economics
FINE ART		Visual Arts Appreciation			
PE/HEALTH ELECTIVES	Keystone	Health & Wellness Athletics/PE	Athletics/PE		
CTE COURSES		Principles of Advanced Manufacturing	**WATC/PEAK** ELEC 1242 Fall ELEC 1233 Fall ELEC 1243 Fall ELEC 1263 Spring ELEC 1353 Spring	**WATC/PEAK** ELEC 2513 Fall ELEC 2413 Fall ELEC 1393 Spring ELEC 1863 Spring	**WATC/PEAK** ELEC 2243 Fall ELEC 2733 Fall ELEC 2753 Spring ELEC 2943 Spring ELEC 2423 Spring
RECOMMENDED ELECTIVES					Personal Finance *(Challenge option)* ***1 FIN 1521***

FORT SMITH PUBLIC SCHOOLS / UAFS

Courses offered at FSPS high schools:

Carpentry
494460

This course prepares students to apply technical knowledge and skill to layout, fabricate, erect, install and repair wooden structures and fixtures, using hand and power tools. This course is taught at PEAK Innovation Center simultaneously with the MEP Systems course and Construction Lab.

Design for Manufacturing
494950

In this course, students will apply the technologies that are found in modern clean, production environments. Students study effective and energy efficient control of pumping, conveyors, piping, pneumatic and hydraulic control systems. Students apply total quality management to production design to assure quality. Students also focus on properties of materials and material testing, creating documentation to support designs, examining properties and justifying material selections based on properties. Students learn that old products become the new raw materials for new products.

Electrical
494500

This instructional program prepares individuals to apply technical knowledge and skills to install and repair residential electrical systems. This course is taught at PEAK Innovation Center simultaneously with Plumbing and an apprenticeship or construction lab component.

Manufacturing Production Processes
494960

Students will design cost-effective work cells incorporating automation and robotics to improve quality of final products. The advanced production in this course depends on the use and coordination of information, automation, network systems, vision and sensing systems. Students will design and create mechatronic systems and automated tooling to accomplish these advanced tasks. Students produce authentic documentation about their cyber-mechanical systems and the integration with data to control and monitor processes.

Mechanical, Electrical & Plumbing (MEP)
493840

This course prepares students to apply technical knowledge and skills in heating, ventilation, and air conditioning; electrical and mechanical systems; and plumbing. This course is taught at PEAK Innovation Center simultaneously with Carpentry and a lab in order to give students a wide variety of foundation skills and knowledge.

Plumbing
494510

This instructional program prepares individuals to apply technical knowledge and skills to lay out, assemble, install, and maintain piping fixtures and piping systems, hot water, heating, cooling, and drainage systems. This course is taught at PEAK Innovation Center simultaneously with Electrical and an apprenticeship or construction lab component.

Principles of Advanced Manufacturing
495571

This course is designed to provide an introduction into various areas of Advanced Manufacturing. Topics covered will vary from manufacturing safety to Computer-Aided Drafting (CAD). This course will help students' understanding of the role that manufacturing plays in the economy. The curriculum for this course will prepare students for higher level manufacturing courses. The skills and real-world connections made in this course will prepare students to be better employees in the manufacturing workplace. Students will learn good safety practices and have the opportunity to achieve an OSHA 10 certification.

Skilled Trades: Construction
494480

Skilled Trades Construction is the foundation course for Construction and Advanced Manufacturing covering essential knowledge, skills, and concepts for all pathways in this career area. Students will learn to employ tools safely and interpret construction drawings to complete projects demonstrating proper measurement and application of mathematical concepts.

Programs of study:

Automotive Technology
2-Year Program

With nearly 300 million registered vehicles on the road, the United States is one of the world's largest automobile markets. If you're an analytical thinker, love technology, and working with your hands then WATC's automotive technology program is for you. Certified by the National Automotive Technicians Education Foundation, Inc. (NATEF), this program provides students with the skills needed to inspect, maintain, and repair automotive engines and complex vehicle computer systems in order to begin a career as an entry-level automotive technician. Successful completion of the courses can lead to certification by the National Institute for Automotive Services Excellence (ASE).

Computer Integrated Machining
2-Year Program

Today's manufacturing world is complex, fast-paced, and reliant upon sharp minds as well as advanced processes, technology, tools and equipment. In the Gene Haas Computer Integrated Machining Lab, students will be trained on state-of-the-art equipment and technology and will receive theoretical and practical education on machine shop operations, manufacturing and machining processes, use and care of tools and machines, technical drafting (CAD/CAM) and interpretation of blueprints, computer numeric control programming, and requirements for quality work.

Electronics Technology/Robotics & Automation
2-Year Program

Students who enter the electronics technology program will gain the skills needed to solve complex problems through the use of technology. In the ABB Electronics Technology Lab, students will learn how to install, maintain, and repair machinery, equipment, and processes used by manufacturing and industrial companies. The courses in this pathway cover a range of integrated fields such as advanced manufacturing, engineering, sciences, and technology. In the ABB Automation and Robotics Lab, students will develop the skills necessary to design, develop, and maintain automation and robotic systems as well as build automation solutions and program robots to perform

intricate assignments. Students who participate in the program for 3 years could earn an Associate Degree in Electronics Technology.

Welding
2-Year Program

UAFS In this program, students learn basic and advanced welding in three areas (arc, tungsten inert gas, metal inert gas) along with basic welding layout and fabrication. Students must reach the American Welding Society (AWS) certification test standards for both structural and high-pressure vessel welding. Upon successful completion of both years of the program, students can earn certificates of proficiency in ARC, TIG, and MIG.

Student Highlight

Andres Garcia
Northside High School
Class of 2023

> “I like my teachers. They make it fun.”

Andres chose the Construction & Electronics Technology program to expand his knowledge on trades. He appreciates that trades are a way to get a job right out of high school without needing to go to college. One thing he likes best is the opportunity to participate in an internship.

What Andres has been learning during the program has also translated to his hobbies. He has been building a gaming PC and working to repair a keyboard. By doing this, he is learning about computer components, something he is studying in his electronics class.

Future Potential Occupations

Art Dealer
Art Historian
Broadcast Technician
Camera Operator
Curator
General & Operations Manager
Graphic Designer
Museum Director
Photographer
Radio & TV Announcer

Arts & Communications

Programs of Study:

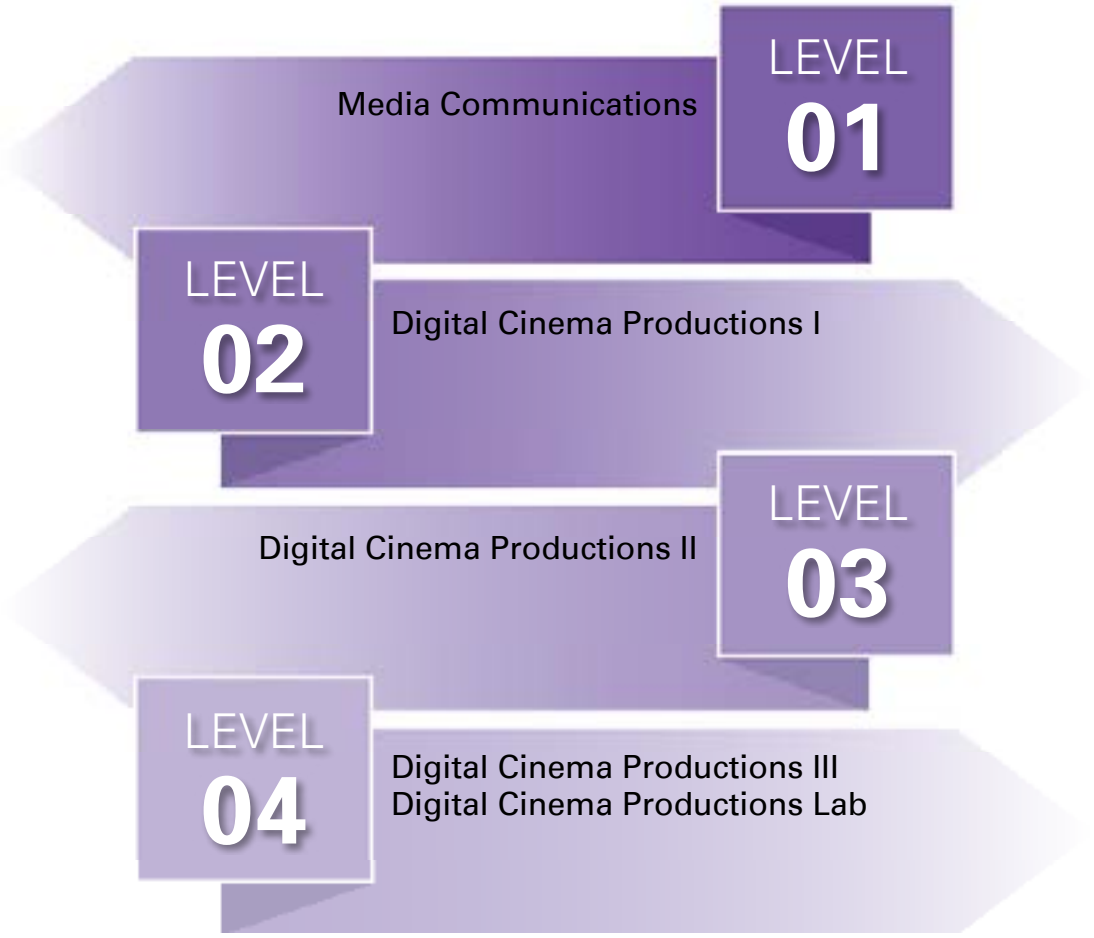
- Digital Cinema Productions
- Digital Commercial Photography
- Emerging Art & Design

Additional courses to compliment pathway:

- Journalism
- Business Electives
- Foreign Languages
- AP Language and Composition
- AP Literature and Composition
- Upper-level Art
- Concurrent Smart Start Courses

Back to Career Wheel

Digital Cinema Productions



Digital Commercial Photography

Emerging Art & Design

Courses offered at FSPS high schools:

Digital Cinema Productions I
493420

This course is designed to give practical knowledge in preparation for the pursuit of a career in television and is a prerequisite to all other Television courses.

Digital Cinema Productions II
493430

This course will provide an understanding of production principles and experience with the video camera as well as studio and control room duties. Emphasis will be on Television journalism (news), or film (entertainment) and production.

Digital Cinema Productions III
493440

This independent production-based course is designed to allow the student to master the knowledge and skills needed to begin a television career.

Digital Cinema Productions Lab
493450

This production-based course is designed to allow the television student studio time for the development of skills needed to execute a comprehensive television career.

Digital Commercial Photography I
494350

This core introductory program is designed to provide practical knowledge and skill in preparation for a career in photography.

Digital Commercial Photography II
494370

This core production based program is designed to provide the second year photography student with fine-tuned knowledge and skills.

Digital Commercial Photography III
494380

This independent production based program is designed to provide the advanced photography student with practical knowledge and highly advanced skills for a comprehensive career in photography.

Digital Commercial Photography Lab
494360

This production-based program will allow the serious photography student time for the development of skills and knowledge needed to produce comprehensive photography products.

Media Communications
493680

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Arts, A/V Technology and Communication Career Cluster. The content includes, but is not limited to, technology literacy; understanding the importance of Arts and A/V; understanding the role of science, math, reading, writing, history, and technology in Arts and A/V; and Digital Media. Reinforcement of academic skills occurs through classroom instruction and applied laboratory procedures. Instruction and learning activities are provided through theory and hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.This course functions as the foundation course for all Arts and Communications pathways.

Programs of study:

Emerging Art & Design
3-Year Program

Emerging Art & Design students at PEAK will discover how art is used as a tool of communication and influence. Investigate art by creating, responding, and connecting with designs across cultures and time periods. Students will generate and conceptualize artistic ideas that integrate real-world issues using industry-standard technology and equipment. They will develop a portfolio of work demonstrating 21st century skills, present in gallery exhibitions to peers and community partners, and gain the skills necessary to earn technical certifications in industry-recognized digital software. The PEAK Emerging Art & Design pathway is available to Fort Smith Public School students only and incorporates three areas of study: Media Arts, Art History, Studio Art. Students enrolled for two years will prepare for examination in AP Art History and Certification in Adobe Illustrator. Three-year students will also complete AP Studio Art 2D Design portfolios. Prerequisites for the program include Visual Art Foundations I and Media Communcations.

Student Highlight

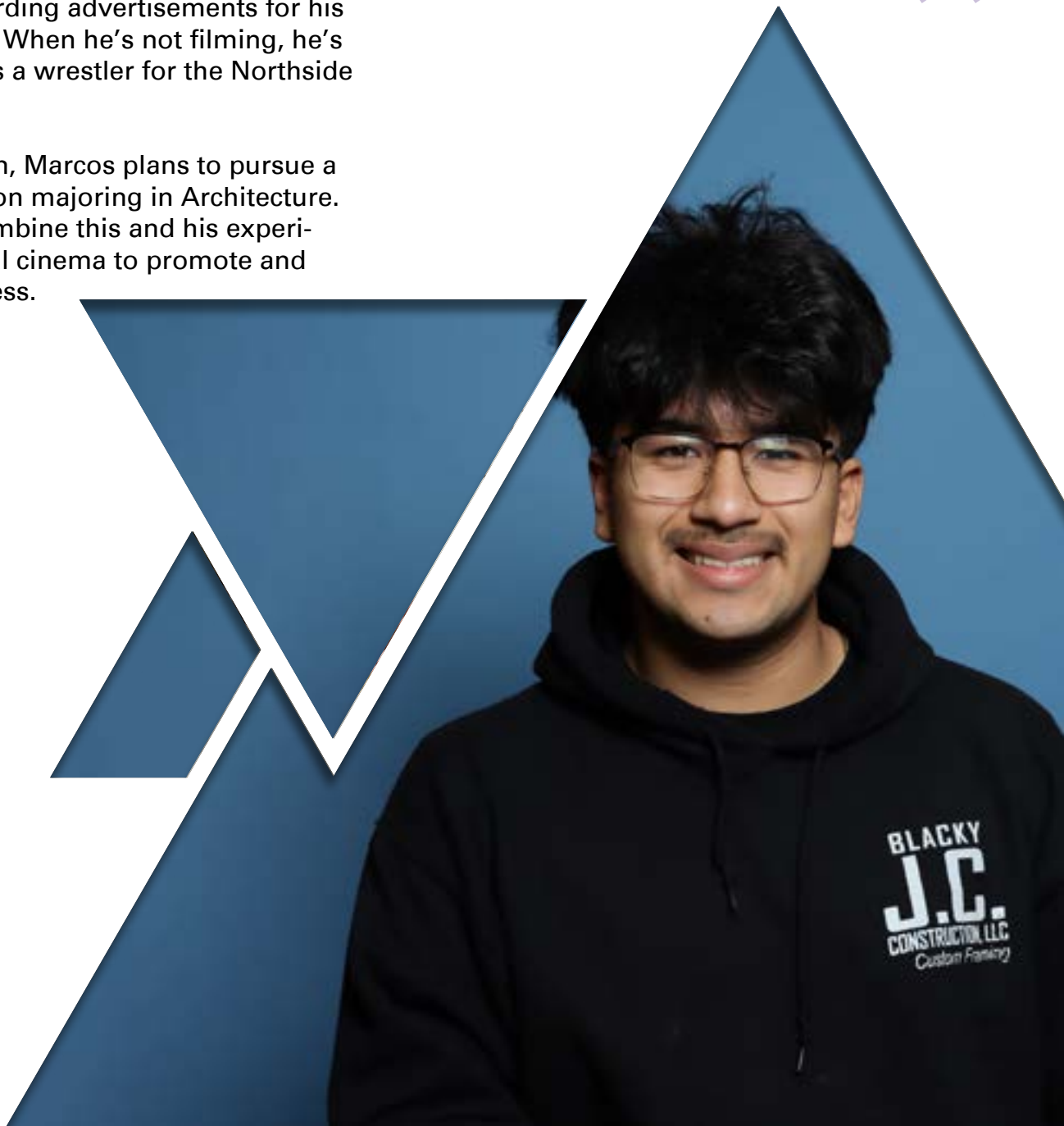
Marcos Gonzales
Northside High School
Class of 2024

Marcos chose the Digital Cinema Production program at Northside because he was amazed at how television production works. He finds it interesting how short clips can have such an impact on people and society.

Marcos continues to hone his skills in digital cinema by recording advertisements for his dad's business. When he's not filming, he's working hard as a wrestler for the Northside Grizzlies!

After graduation, Marcos plans to pursue a college education majoring in Architecture. He hopes to combine this and his experience with digital cinema to promote and grow his business.

> "The best part of this program is making my ideas come true and hopefully touching people's hearts from the other side of a screen."



Future Potential Occupations

Accountant
Administrative Assistant
Chief Financial Officer
Customer Service Specialist
Human Resource Manager
Logistics Analyst
Logistics Engineer
Production Manager
Sales Manager
Social Media Marketer

Business Management

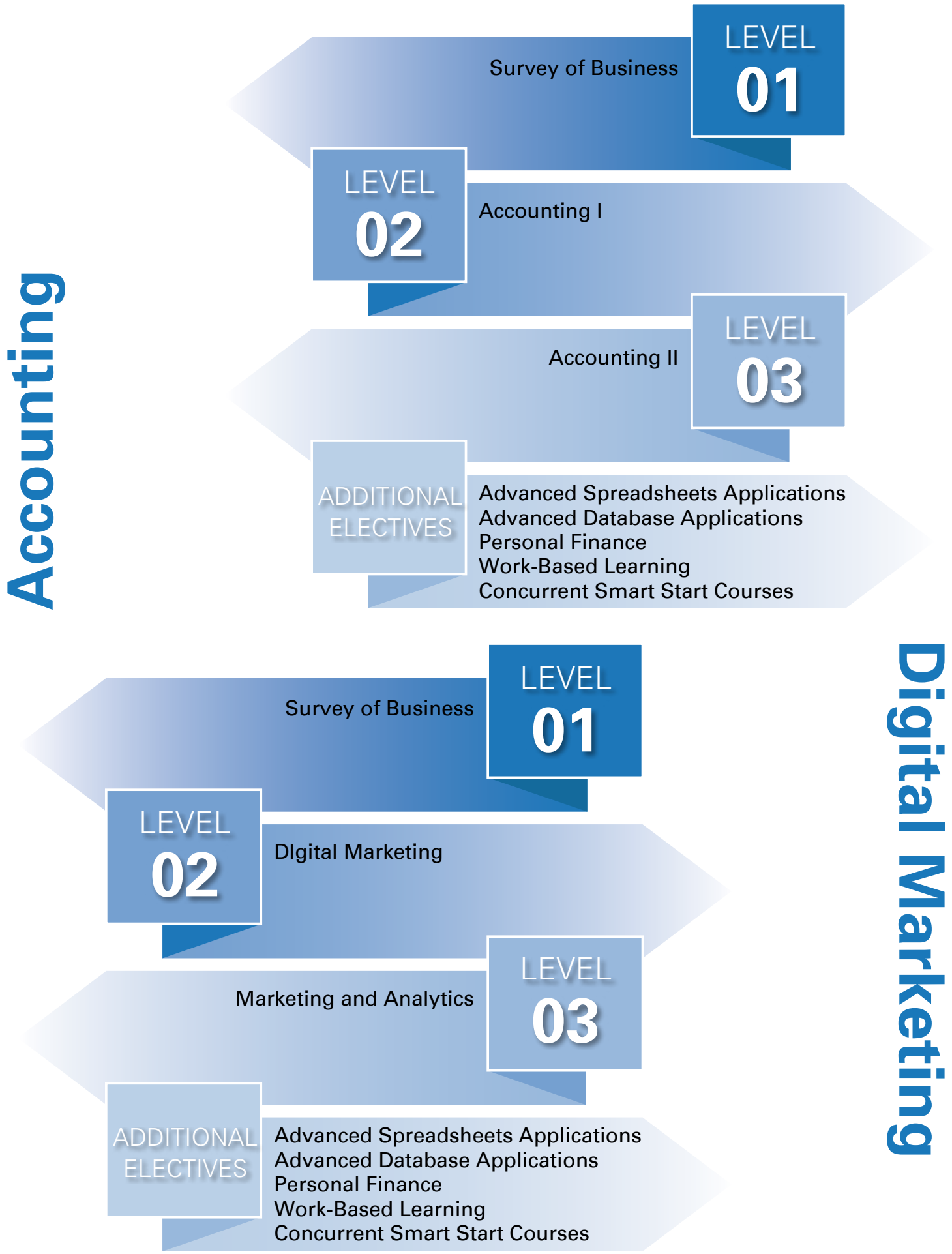
Programs of Study:

- Accounting
- Associates Degree of General Studies
- Digital Marketing
- Management
- Marketing Business Enterprise
- Supply Chain & Logistics

Additional courses to compliment pathway:

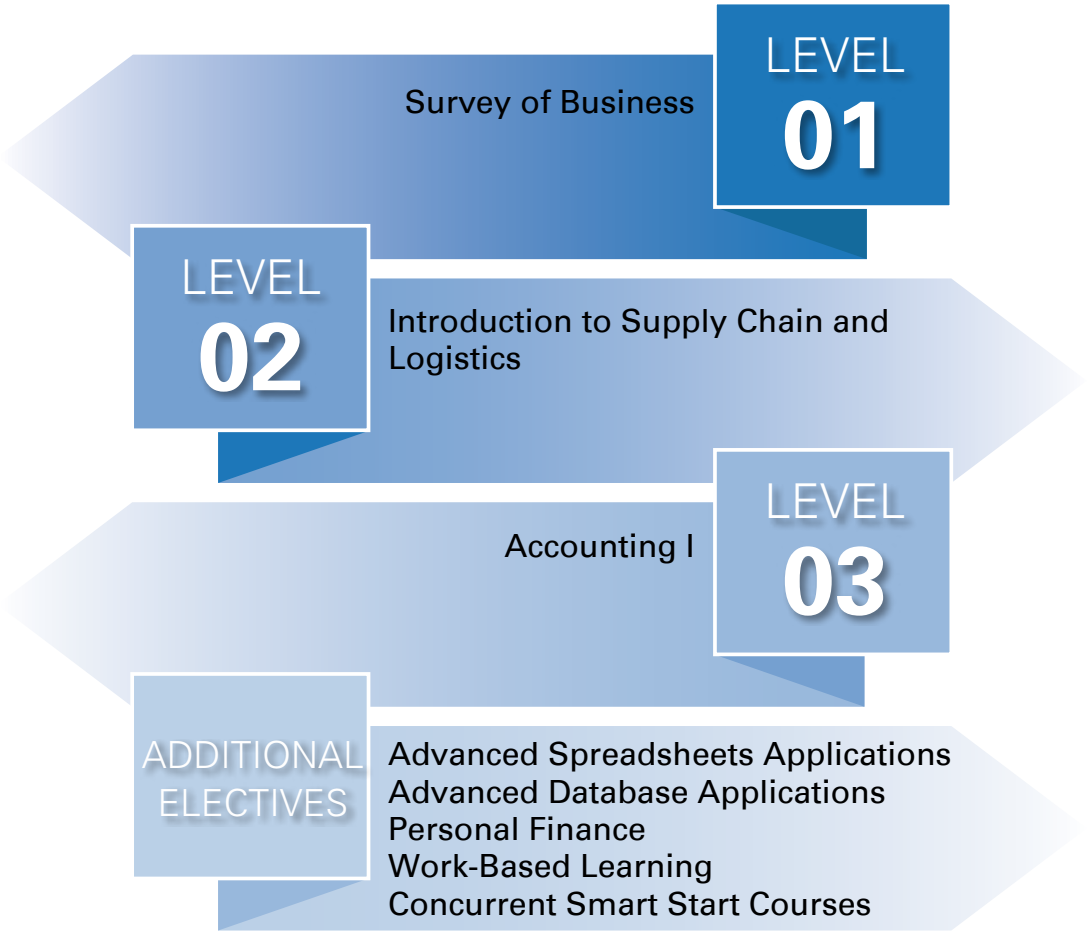
- Advanced Spreadsheets
- Database Applications
- AP Statistics
- AP Microeconomics
- Concurrent Smart Start Courses

Back to Career Wheel


Accounting
LEVEL 01
Survey of Business
LEVEL 02
Accounting I
LEVEL 03
Accounting II
ADDITIONAL ELECTIVES
Advanced Spreadsheets Applications
Advanced Database Applications
Personal Finance
Work-Based Learning
Concurrent Smart Start Courses
Digital Marketing
LEVEL 01
Survey of Business
LEVEL 02
DIgital Marketing
LEVEL 03
Marketing and Analytics
ADDITIONAL ELECTIVES
Advanced Spreadsheets Applications
Advanced Database Applications
Personal Finance
Work-Based Learning
Concurrent Smart Start Courses


Management
LEVEL 01
Survey of Business
LEVEL 02
Management
LEVEL 03
Accounting I
ADDITIONAL ELECTIVES
Advanced Spreadsheets Applications
Advanced Database Applications
Personal Finance
Work-Based Learning
Concurrent Smart Start Courses
Marketing Business Enterprise
LEVEL 01
Survey of Business
LEVEL 02
Marketing Business Enterprise
LEVEL 03
Small Business Operations
Accounting I
ADDITIONAL ELECTIVES
Advanced Spreadsheets Applications
Advanced Database Applications
Personal Finance
Work-Based Learning
Concurrent Smart Start Courses

Supply Chain & Logistics



Students may choose to complete an Associates of General Studies. The sample plan below can be used for guidance.

Program of Study: *College/Career*	Pathway Name: *Associate of General Studies* *(fully transferable to Bachelor of Business Administration)*				*Pending HLC Approval*
SUBJECT	**8th GRADE**	**9th GRADE**	**10th GRADE**	**11th GRADE**	**12th GRADE**
LANGUAGE ARTS (4 Credits)		English 9 *(Pre-AP option)*	English 10 *(Pre-AP option)* Intro to Speech Comm *(Concurrent)* ***SPCH 1203*** Spring	English Composition I & II *(Concurrent/ AP option)* ***ENGL 1203/ ENGL 1213*** Fall/Spring	Intro to American Literature *(Concurrent)* ***ENGL 2023***
MATH	Algebra 1 *(Pre-AP option)*	Geometry *(Pre-AP option)*	Algebra II *(Pre-AP option)*	College Algebra *(Concurrent)* ***MATH 1403*** Fall	Probability & Statistics *(Concurrent/ AP option)* ***STAT 2503***
SCIENCE	Physcial Science	Biology *(Pre-AP option)*	Environmental Science *(AP)* ***GEOL 2653/2651***	Biology (College Credit) *(Concurrent/ AP option)* ***BIOL 1153/1151***	
SOCIAL STUDIES		Government and Politics *(AP)* ***POLS 2753***	World History *(AP)* ***HIST 1133***	U.S. History II *(Concurrent/ AP option)* ***HIST 2763 Spring***	Psychology ***PYSC 1163*** *(Concurrent/ AP Option)* Sociology ***SOCI 2753*** *(Concurrent)*
FINE ARTS			Humanities through Arts ***HUMN 2563*** *(Concurrent)* Spring		
PE/HEALTH ELECTIVES	Keystone	Health & Wellness Athletics/PE			
CTE COURSES		Principles of IT or AP Computer Science *Option*	Foundations of Business *(Concurrent)* ***MGMT 1203*** Spring Intro to Philosophy *(Concurrent)* ***PHIL 2753***		Macroeconomics *(Concurrent)* ***ECON 2803*** Fall Microeconomics *(Concurrent/AP option)* ***ECON 2813*** Spring Computer Apps *(Concurrent/AP)* ***ITA 1003***
RECOMMENDED ELECTIVES (XX Per Year)	Spanish 1	AP Seminar	AP Research		Personal Finance *(Challenge option)* ***FIN 1521***

FORT SMITH PUBLIC SCHOOLS / UAFS

Courses offered at FSPS high schools:

Advanced Database Applications 492140

Advanced Database Applications is a one-semester course in which students learn to organize data; create, search, and query databases; and use integrated software to combine database with word processing and mail merge.

Advanced Spreadsheet Applications 492450

Advanced Spreadsheet Applications is a one-semester course in which students use computer programs to analyze quantitative data. Emphasis is placed on the role and value of spreadsheets, financial reporting, budgeting, planning, and forecasting.

Computerized Accounting I 492100

Computerized Accounting I students will learn the "language of business". Students will work through all phases of the accounting cycle including types of business ownership, merchandising and service business activities, cash control systems, processing payroll, preparing and analyzing financial statements, and preparing income taxes and other tax forms. This is a full year course that integrates computers and electronic calculators in manual and automated accounting systems. Students will be introduced to a variety of accounting careers. This class provides students with an opportunity to develop entry-level skills for bookkeeping occupations.

Computerized Accounting II 492110

Computerized Accounting II provides students with the knowledge, understanding, and skill necessary for successful careers in accounting. Departmental, corporate and cost accounting systems are components of the course. Emphasis is given to the computerized/automated functions in accounting. *This course could satisfy 4th math requirement above Algebra II.*

Digital Marketing 492760

This is a two-semester project-based course that enhances technology skills, job search and employability skills along with communication skills. Students will create an online electronic career portfolio focused on an individual career path, create digital marketing campaigns [including content marketing, social media, and viral marketing campaigns], participate in video conferencing, cloudbased collaboration, and learn and practice other workplace related communication technologies and channels. Students will apply verbal and nonverbal communication skills related to both spoken and written communications; technology will be used to enhance these skills. Productivity programs and apps will be used to teach time management, organization and collaboration skills, cloud storage and computing. Students will also create career-related documents according to professional layout and design principles, and will also learn the photo and video editing skills needed to create promotional and informational business communications and viral marketing campaigns.

Management 492320

Management assists the student in understanding basic management functions. Stu-

dents study the management process, decision-making environmental factors, ethics, and social responsibility.

Marketing Business Enterprise
492330

Marketing Business Enterprise teaches students the skills needed to become successful entrepreneurs in their local communities as well as in the global marketplace. Through studying current trends and real-world examples, students will find out what it takes to market a product or service in today's fast-paced business environment.

Markets & Analytics
492800

This two-semester course extends training in managing digital marketing content and data to maintain brand integrity, customer satisfaction, and profitability of a business. Students will learn strategies for creating effective digital marketing content directed toward specific target markets and for specific online platforms. Students will also explore and practice various methods for gathering and analyzing data in order to maximize return on investment for digital and content marketing efforts.

Personal Finance
491990

This is a one-semester course designed to increase financial literacy and prepare students to successfully manage financial resources. This course is focused on the individual's role and financial responsibilities as a student, citizen, consumer, and active participant in the business world.

Small Business Operations
492700

Students learn and apply the fundamentals of running a small business by managing a school-based enterprise. The students deal with product selection and inventory, vendors, customer service, risk management, marketing, ethical and legal aspects of business, human resources, financial records and accounting. There is an application requirement for this course.

Survey of Business
492120

This course is designed to prepare students with computer skills. Students will learn Microsoft Word, Excel, PowerPoint and Access. *This course functions as the foundation course for all business pathways.*

Believe.

Belong.

Become.

Student Highlight

Jordan Culbreath
Southside High School
Class of 2023

When Jordan isn't hanging out with friends and family or supporting Southside sports or community programs, he's busy learning about how to start his own businesses in the Business program.

The best thing about the program, According to Jordan, has been the people. It has given him the opportunity to make networking connections.

Some goals he has are to own a real estate company, a chain of car dealerships, and host sneaker conventions across the nation. He hopes to use what he learns in the program in the real world when he starts these businesses.

> "If it wasn't for Ms.Boatright and Southside's SBO classes, I wouldn't have the achievements and knowledge that I have now."

Future Potential Occupations

Athletic Trainer
Emergency Medical Technician
Licensed Practical Nurse
Medical Doctor
Occupational Therapist
Paramedic
Patient Care Technician
Pharmacy Technician
Phlebotomist
Registered Nurse

Health Sciences

Programs of Study:

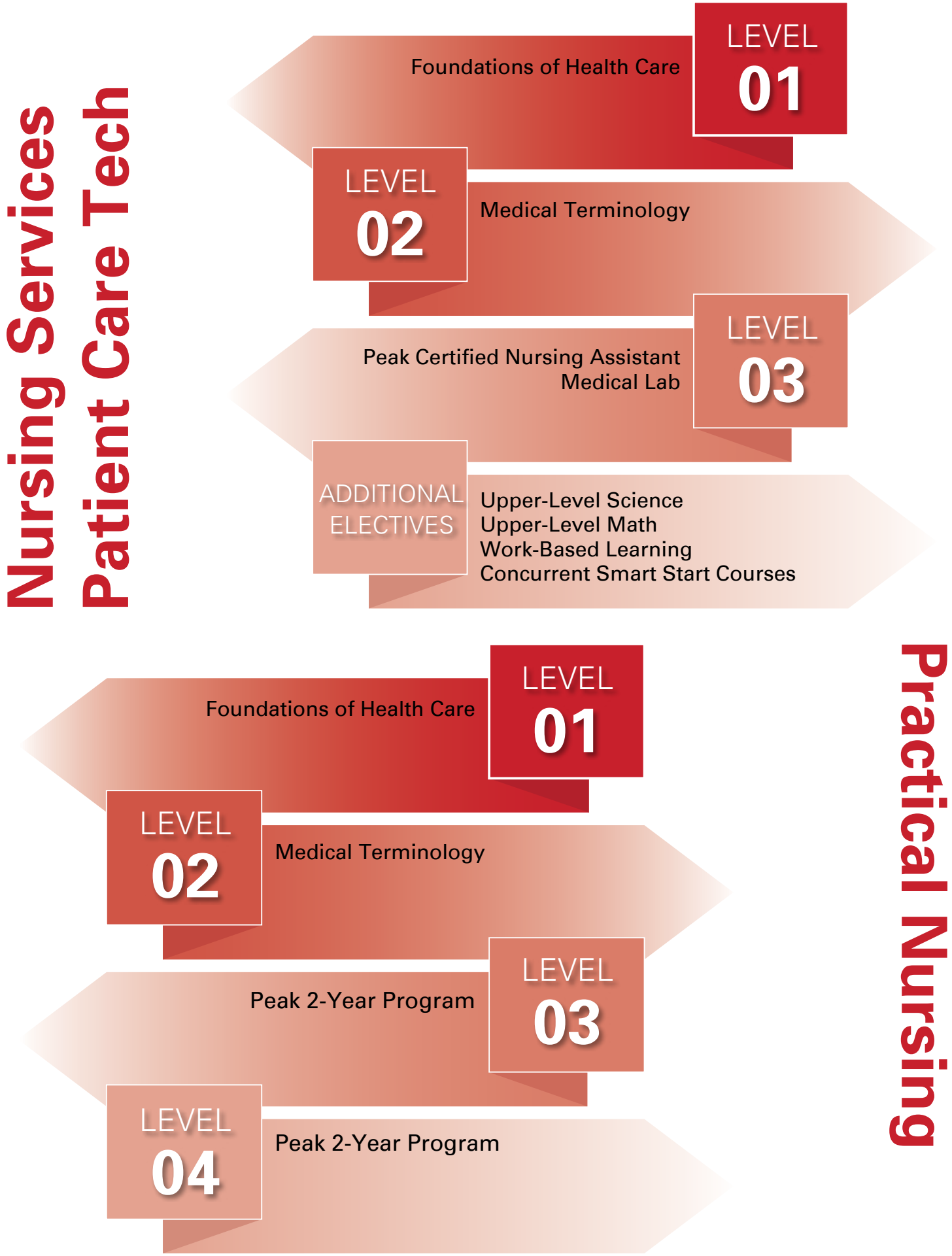
- Certified Nursing Assistant
- Emergency Medical Technician
- Nursing Services Patient Care Tech
- Practical Nursing
- Sports Medicine

Additional courses to compliment pathway:

- AP Biology
- AP Chemistry
- Anatomy and Physiology
- Foreign Language
- Concurrent Smart Start Courses

Back to Career Wheel


Certified Nursing Assistant
LEVEL 01
Foundations of Health Care
LEVEL 02
Medical Terminology
LEVEL 03
Peak 2-Year Program
LEVEL 04
Peak 2-Year Program
Emergency Medical Technician
LEVEL 01
Foundations of Health Care
LEVEL 02
Medical Terminology
LEVEL 03
Peak 2-Year Program
LEVEL 04
Peak 2-Year Program


Nursing Services
Patient Care Tech
LEVEL 01
Foundations of Health Care
LEVEL 02
Medical Terminology
LEVEL 03
Peak Certified Nursing Assistant
Medical Lab
ADDITIONAL ELECTIVES
Upper-Level Science
Upper-Level Math
Work-Based Learning
Concurrent Smart Start Courses
Practical Nursing
LEVEL 01
Foundations of Health Care
LEVEL 02
Medical Terminology
LEVEL 03
Peak 2-Year Program
LEVEL 04
Peak 2-Year Program

Sports Medicine

Courses offered at FSPS high schools:

Foundations of Health Care 495350

This course is an introduction into healthcare pathways exploring key foundations of healthcare including the human body, medical terminology, medical math, healthcare systems, teams, roles, as well as legal, ethical and cultural applications into healthcare. The will be a combination of written assignments, research, analysis of data and hands on application. Upon completion of the course, students will have completed training in CPR, Stop the Bleed, foreign body airway obstruction (FBAO), First Aid, HIPAA, and NCHSE Foundations of Healthcare Professions and Essential Healthcare Practices.

Medical Lab 490510

PEAK INNOVATION CENTER

This course is a part of the Patient Care Technician (PCT) program of study. Students will participate in simulated experiences of based content from previous course work.

Medical Terminology 495360

This course builds skills in pronouncing, spelling, and defining new words encountered in verbal and written information. Students have the opportunity to acquire skills in interpreting medical records and communications accurately and logically. Emphasis is on forming a foundation for a medical vocabulary including meaning, spelling, and

pronunciation. Medical abbreviations, signs, and symbols are included.

Patient Care Tech
490031

Graduates of the program will be qualified to work under the supervision of licensed professional personnel and alongside other health care providers in a variety of settings. Graduates will be qualified to sit for the National Certified Patient Care Technician (NCPCT) exam, the National Certified Electrocardiography Technician (NCEKG) exam and the National Certified Phlebotomy Technician (NCPT) exam at the completion of the course and prior to graduation. Students will hold a certification in nursing assistant, patient care technician, phlebotomy and electrocardiography. Employment opportunities are available in hospitals, clinics, rehabilitation centers, long term care and assisted living facilities, hospice, home health as well as other health care facilities.

Principles of Sports Medicine
494050

This course is meant to introduce students to the realities of the Sports Medicine field and educate them about the role an Athletic Trainer plays in the field. Students will learn a variety of concepts in healthcare from sports Medicine's historical foundations to injury management. This course will provide students an opportunity for hands on learning, and teachers how to network with other Athletic Trainers as well as other healthcare professionals in the community.

Sports Medicine Injury Assessment
494070

This course provides students with the skills needed to evaluate sports related injuries. Students will gain an understanding of common injuries that affect athletes, injury assessment, and treatment.

Programs of study:

Certified Nursing Assistant
2-Year Program

The certified nursing assistant program introduces students to a variety of health careers and the related medical terminology. Students are actively engaged clinical settings, working directly with residents of local long-term care facilities. Upon successful completion of this program, students may fulfill requirements to take the CNA certification exam.
NOTE: Students may incur the expense of a smock or lab coat and satisfactory footwear. It is recommended, but not mandatory, that students take Foundations of Healthcare before entering the program.

Emergency Medical Technician
2-Year Program

The emergency medical technician offers a service-focused career that combines a love of helping others with the desire to work in a fast-paced environment. An EMT has the practical medical knowledge and skills necessary to quickly evaluate and stabilize patients. The knowledge gained at this level provides the foundation for all future certifications. EMT's are typically first to respond to emergency situations, delivering life-saving care to patients and providing assistance to higher-level personnel both at the scene and during transport to a hospital.

Practical Nursing
2-Year Program

This program, approved by the Arkansas State Board of Nursing (ASBN), offers the opportunity to earn a technical certificate in practical nursing. Admission into this program is competitive, but accepted students will receive a combination of classroom instruction in a state-of-the-art facility with clinical experience in the care of clients at local healthcare facilities. Practical nursing graduates are eligible to apply for the National Council Licensure Examination (NCLEX-PN). It is recommended, but not mandatory, that students take Foundations of Healthcare before entering the program.

Student Highlight

Cameron Hubbard
Southside High School
Class of 2023

Cameron chose to attend the Emergency Medican Technician (EMT) program at Peak in order to gain first-hand experience toward his goal of becoming a trauma nurse.

After high school, he plans to pursue a Bachelor of Science in Nursing at Grand Canyon University in Phoenix, AZ.
His favorite things about the EMT program at Peak is all of the new information he is learning and making new friends with similar interests.

In fact, when Cameron is not studying for school, he is spending time in nature and attending church and bible study with friends from the program!

> "I chose this program because I wanted first-hand experience before pursuing my future career as a trauma nurse."

Future Potential Occupations

Clothing Designer or Buyer
Dietician or Nutritionist
Food industry professional
Interior Designer
Military Professional
Social Worker
Police Officer
Principal
Teacher
Therapist or Counselor

Human Services

Programs of Study:

- Clothing and Housing Design
- Human and Social Services
- Junior Reserve Officer Training Corps
- Nutrition Science and Dietetics
- Pre Educator

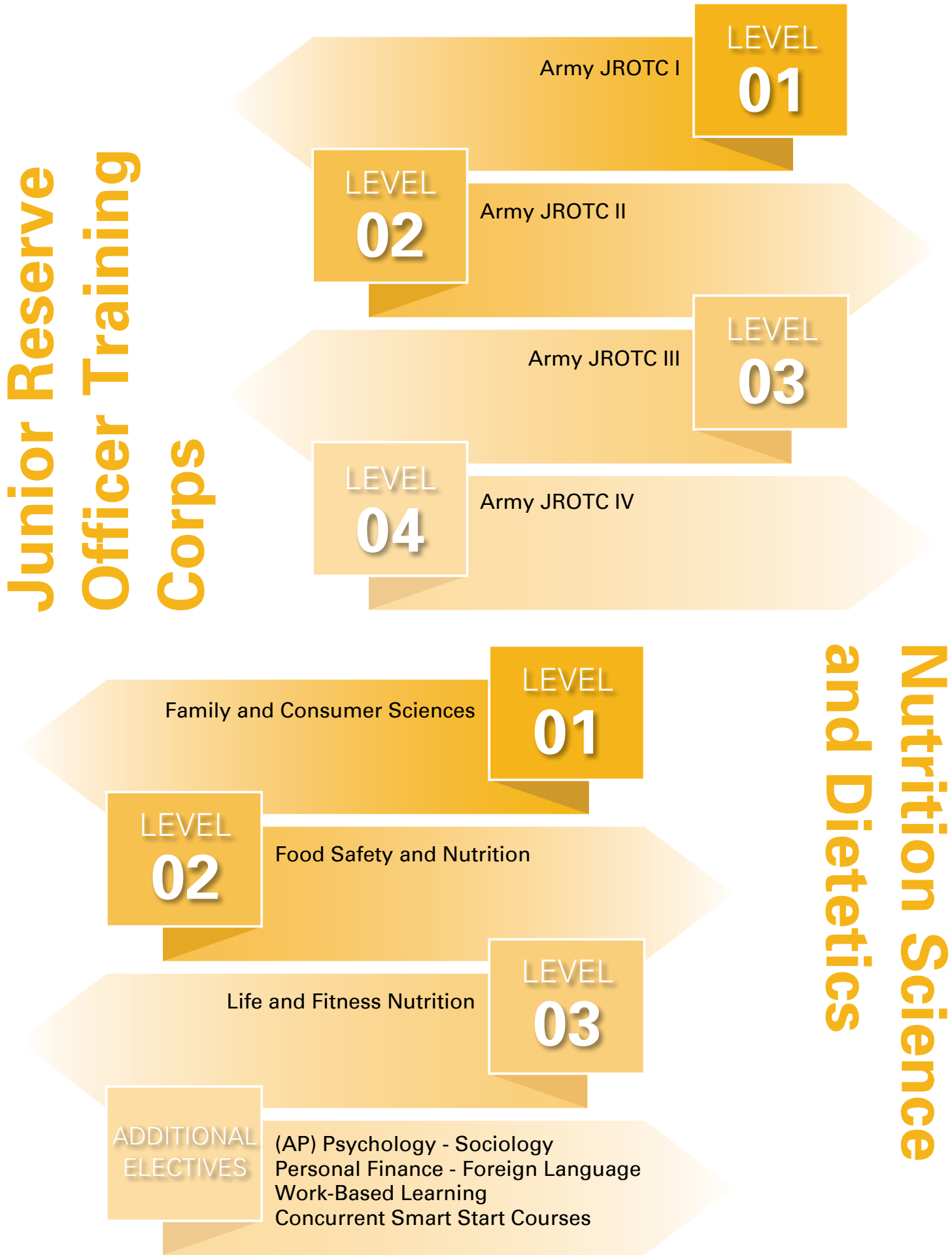
Additional courses to compliment pathway:

- AP Psychology
- AP Human Geography
- AP World History
- Psychology
- Sociology
- Foreign Languages
- Concurrent Smart Start Courses

Back to Career Wheel

Clothing and Housing Design

Human and Social Services


Junior Reserve Officer Training Corps
LEVEL 01
Army JROTC I
LEVEL 02
Army JROTC II
LEVEL 03
Army JROTC III
LEVEL 04
Army JROTC IV
Nutrition Science and Dietetics
LEVEL 01
Family and Consumer Sciences
LEVEL 02
Food Safety and Nutrition
LEVEL 03
Life and Fitness Nutrition
ADDITIONAL ELECTIVES
(AP) Psychology - Sociology
Personal Finance - Foreign Language
Work-Based Learning
Concurrent Smart Start Courses

Pre Educator

Courses offered at FSPS high schools:

Advanced Fashion and Interior Design
490900

Course is designed to assist students in further developing skills necessary for the management and construction of individual and/or family garments and projects. Basic construction techniques will be integrated throughout the course in various projects. One or more intermediate level projects will be created using correct construction techniques. Students will have in-depth experiences using advanced sewing techniques such as pattern alterations, exploring specialty seams and construction, use of facings and advanced hand stitching techniques, and the use of advanced technology. Upon completion of the class students should acquire knowledge and skills needed for designing and constructing projects and develop a professional portfolio.

Army JROTC I
Leadership Education & Training
495790

This course includes: Citizenship in Action; Leadership Theory and Application; Foundations for Success; Mandatory Core Service Learning; Leadership lab and cadet challenge. Students who complete this course successfully can earn physical education credit toward graduation.

Army JROTC II
Leadership Education & Training
495800

This course includes: Wellness, Fitness, and First Aid; Geography and Earth Science (Map Reading); Citizenship in American History and Government; Mandatory Core Service

Learning; Leadership lab and cadet challenge. Students who complete this course successfully can earn health credit toward graduation.

Army JROTC III
Leadership Education & Training
495810

This course includes: Citizenship in Action (Basic Command Staff Principles); Leadership Theory and Application (Leadership Strategies, Leading Others); Foundations for Success (Presenting Skills, Managing Conflict, Career Planning, Planning Skills and Social Responsibility, NEFFE High School Financial Planning Program); Citizenship in American History and Government (Critical Thinking in Citizenship); Mandatory Core Service Learning; Leadership lab and cadet challenge. Students who complete this course successfully can earn physical education credit toward graduation.

Army JROTC IV
Leadership Education & Training
495890

Demonstrate leadership potential as a role model, coach, counselor, management skill and assistant instructor. Study service to the Nation and financial planning, with continued practical work in drill, technology awareness, physical training and command and staff principles.

Child Growth and Development
493020

Experiences in this course are designed to assist students in developing an understanding of the parenting process and of parenting skills. It will be useful to anyone who lives with, associates with, or works with children. This course will teach students the skills necessary to provide quality care for children - as a parent, as one employed to care for children or as one who interacts with children in other settings.

Dynamics of Human Relationships
493150

Dynamics of Human Relations prepares students to understand the nature, function and significance of human relationships involving individuals and families. Topics include values and goals, citizenship, food and fitness for wellness, career development and responsibility of life relationships. Upon completion of this course students will have an understanding of the impact of the family on an individual's ability to function successfully in an increasingly complex society.

Education Technology
493290

Education Technology is a project-based course that introduces students to the role of technology in the classroom. Students will explore various technologies being used as digital learning tools in multiple modes of learning including online, fact-to-face, and hybrid classroom environments. This course will expose students to the skills and strategies needed to integrate technology into the classroom, develop methods of digital communication and collaboration, support practices for digital citizenship, and reflect on their own performance in a digital environment. Students are expected to gain field experience by completing classroom observations, both online and face-to face, with a licensed Arkansas teacher and to complete an initial Google certification to become a Google certified Educator.

Family and Consumer Sciences
493080

Students are provided with basic information and skills needed to function effectively within the family and within a changing, complex society. Emphasis is given to individual and family relationships; arrangement of personal living space; wardrobe planning and selection; garment care and construc-

tion; selection of toys and age-appropriate play activities for children; health and safety procedures related to child care; nutrition and food selection; meal planning, preparation and service; home management; money management; use of credit and banking; consumer education; computer use at home, in school and in the workplace; and career skills.

Fashion and Interior Design 490890

Course is designed to assist students in developing skills necessary for decision making as a clothing consumer and for understanding the role of the clothing and textile industry in the economy. Emphasis is given to the development of competencies related to clothing selection, clothing needs of family members, clothing care, characteristics of natural and synthetic fibers, types of fabrics and fabric finishes, laws and regulations related to the clothing and textiles industry, use and care of basic sewing supplies and equipment, fabric selection, clothing construction techniques, jobs and careers in clothing and textiles, computer use in clothing and textiles, and effects of technology on the clothing and textiles industry. Upon completion of this course, the student should acquire skills needed for clothing and textiles occupations and develop knowledge of the impact of technology on the clothing and textiles industry.

Food Safety and Nutrition 493110

This course focuses on skills needed to select, prepare, and serve food which meets nutritional needs of individuals and families. Students study nutrition, weight control, the food consumer, the effect of technology on food and nutrition, microwave cookery, kitchen organization and equipment, safety and sanitation, menu planning, serving and eating food, food preparation eating away from home, and jobs and career opportunities in the field of food and nutrition.

Introduction to Education 493290

Introduction to Education is designed with the intent to prepare high school students to become prospective Arkansas teachers. Students in this course will study the foundations of American education including important historical moments and acts, professional behavior, student needs and diversity, instructional methods, communication strategies for all stakeholders, and reflective practices to support learning. Students will collaborate with an Arkansas teacher to actively participate in classroom observations and field experience opportunities.

Life and Fitness Nutrition 493200

This course enables students to analyze the interaction of nutrition, foods, and fitness for overall wellness of individuals and families throughout the lifespan. Students will develop nutrition and fitness habits to make wise decisions regarding healthy living and prevention of disease through these practices.

Student Highlight

Sandra Vega Marcado
Northside High School
Class of 2023

Sandra enjoys being in the FACS department at Northside in the Pre Educator program. She finds the classes to have been a great tool for experiencing how to run a classroom and for understanding students.

After graduation, Sandra plans to attend the University of Arkansas in Fayetteville majoring in Elementary Education. Her long-term goal is to earn a Master's degree.

When not at school, Sandra likes relaxing with a good book and crocheting stuffed animals.

> "My favorite part of the Pre Educator program was that I was able to actually go to an elementary school to job shadow."

Future Potential Occupations

Architectural and Civil Drafter
Application Software Developer
Computer/Information Scientist
Computer Networking Architect
Computer Programmer
Computer Systems Analyst
Drone Pilot
Technology & IT support Specialist
UAV Surveying and Mapping Technician
Web Developer

Information Technology

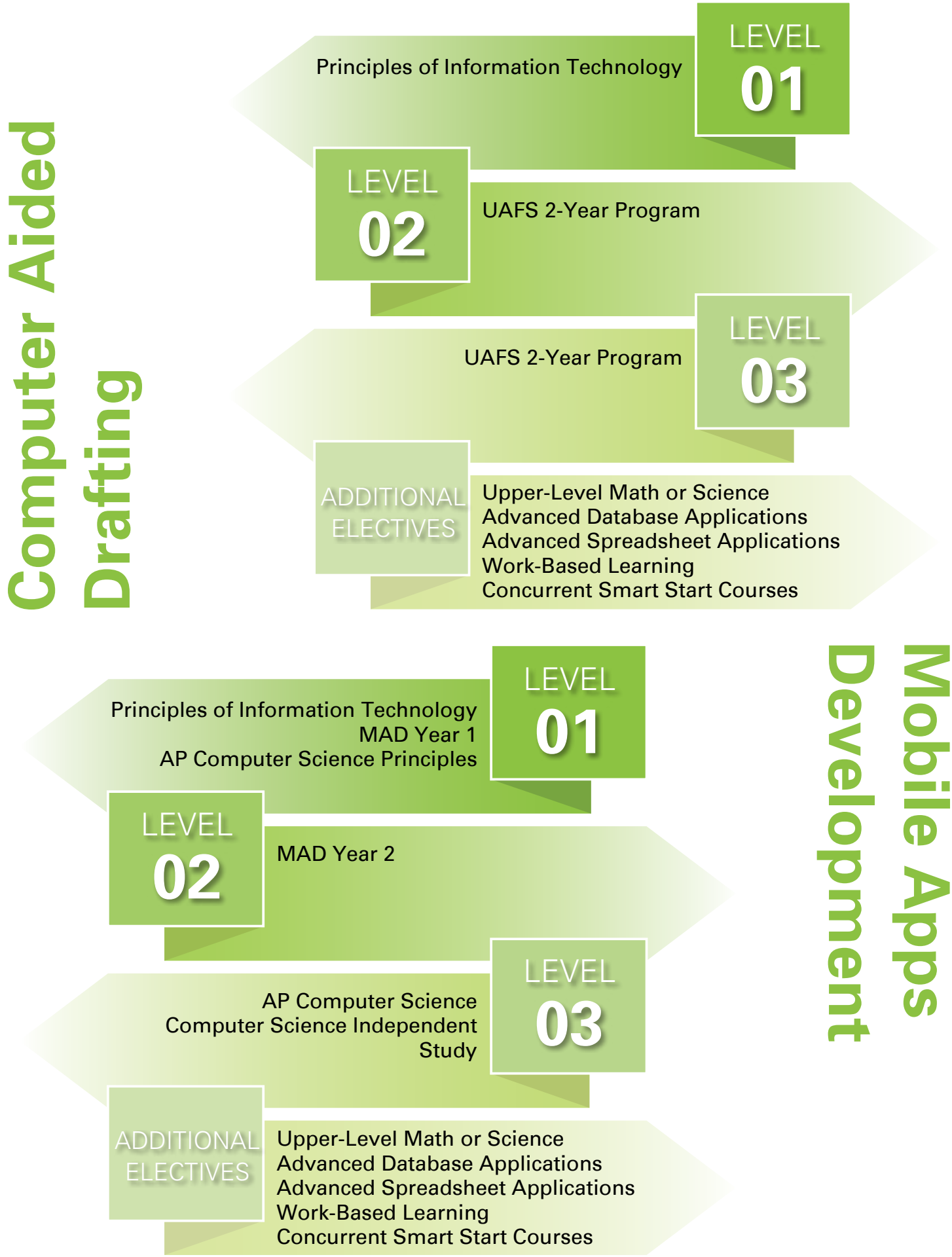
Programs of Study:

- Computer Aided Drafting
- Mobile Apps Development
- Networking Engineering Technology
- Programming
- Unmanned Aerial Systems (Drones)

Additional courses to compliment pathway:

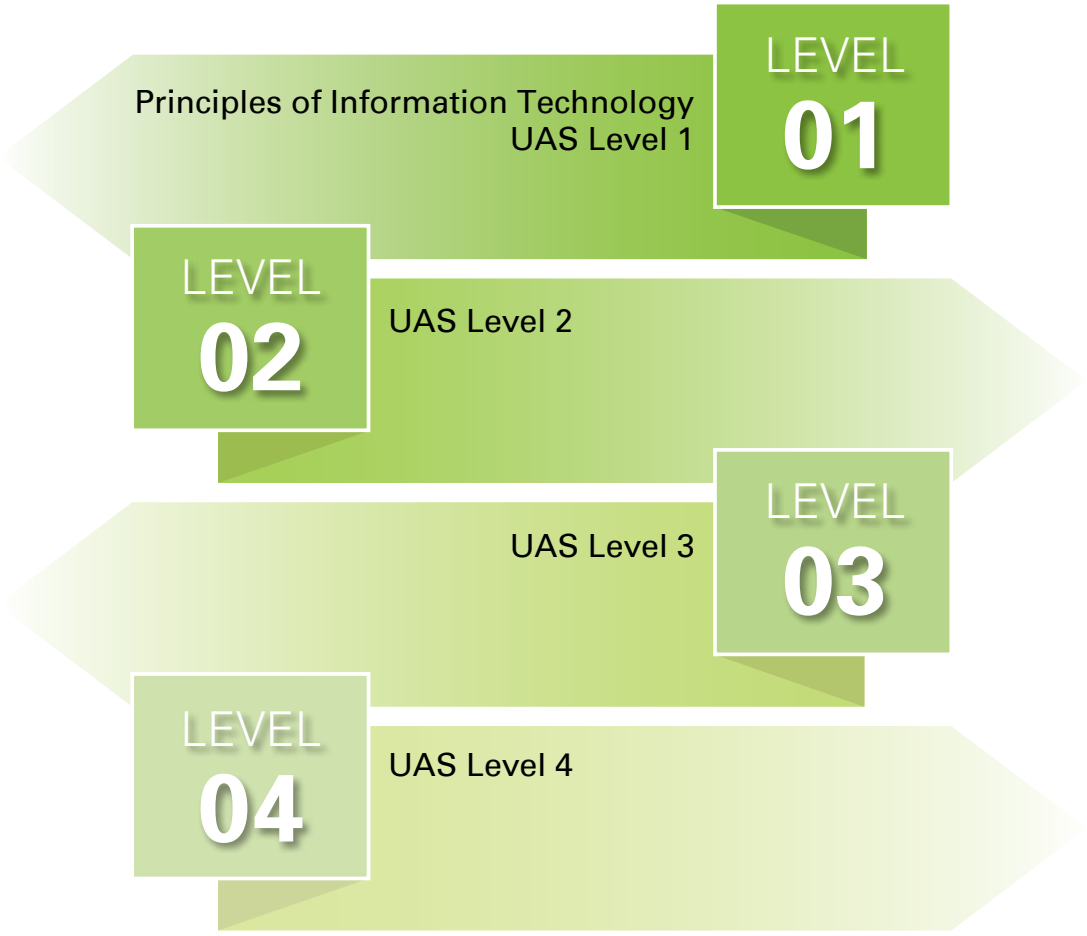
- AP Pre Calculus
- AP Calculus
- AP Physics
- AP Statistics
- Concurrent Smart Start Courses

Back to Career Wheel


Computer Aided Drafting
LEVEL 01
Principles of Information Technology
LEVEL 02
UAFS 2-Year Program
LEVEL 03
UAFS 2-Year Program
ADDITIONAL ELECTIVES
Upper-Level Math or Science
Advanced Database Applications
Advanced Spreadsheet Applications
Work-Based Learning
Concurrent Smart Start Courses
Mobile Apps Development
LEVEL 01
Principles of Information Technology
MAD Year 1
AP Computer Science Principles
LEVEL 02
MAD Year 2
LEVEL 03
AP Computer Science
Computer Science Independent Study
ADDITIONAL ELECTIVES
Upper-Level Math or Science
Advanced Database Applications
Advanced Spreadsheet Applications
Work-Based Learning
Concurrent Smart Start Courses


Networking Engineering Technology
LEVEL 01
Principles of Information Technology
LEVEL 02
UAFS 2-Year Program
LEVEL 03
UAFS 2-Year Program
ADDITIONAL ELECTIVES
Upper-Level Math or Science
Advanced Database Applications
Advanced Spreadsheet Applications
Work-Based Learning
Concurrent Smart Start Courses
Programming
LEVEL 01
Principles of Information Technology
Programming Year 1
LEVEL 02
Programming Year 2
or AP Computer Science
LEVEL 03
Advanced Programming,
AP Computer Science,
or Computer Science Independent Study
ADDITIONAL ELECTIVES
Upper-Level Math or Science
Advanced Database Applications
Advanced Spreadsheet Applications
Work-Based Learning
Concurrent Smart Start Courses

Unmanned Aerial Systems (Drones)



Courses offered at FSPS high schools:

AP Computer Science Level I/II
565110 / 565120

This course emphasizes object-oriented programming using the Java language with a concentration on problem-solving. Topics include class design, inheritance, and Java library classes as outlined in the College Board Advanced Placement Course Description. Students should have an excellent foundation in mathematical reasoning before attempting this course.

AP Computer Science Principles Level I/II
565010 / 565020

AP Computer Science Principles introduces students to the essential ideas of computer science with a focus on how computing can impact the world. Students will learn the fundamentals to computing; to analyze data represented for computational use; create technology that has a practical impact; and gain a broader understanding of how computer science impacts people and society. Projects will be submitted throughout the year to the College Board as a part of the Advanced Placement examination process. Students will also take an AP written exam in May.

Computer Science Independent Study
469930

This project-based lab course is designed as a capstone course for the MAD program.

Students will create interesting and relevant working mobile applications that may be utilized in a real-world setting.

Computer Science Programming
Year 1
465070

Computer Science Programming Year 1 introduces students to the basics of computer programming. Students will use the Python programming language to explore concepts such as algorithms, data abstraction, and collaborative problem-solving. The course focuses on developing computational thinking, refining problem-solving skills, and applying key programming concepts. Throughout the course, students develop appropriate and accurate vocabulary to discuss technology.

Computer Science Programming
Year 2
465080

Computer Science Programming Year 2 continues students' study of computer programming. Students will continue to use the Python programming language as they deepen their understanding of complex algorithms and abstract data structures. Students will also learn how to work as a team to solve more complex problems and develop more advanced programs. Special emphasis will be placed on proper documentation of code so that it can be more easily used and integrated by other programmers.

Computer Science Programming
Year 3 (Advanced)
465090

Computer Science Programming Year 3 is a capstone course for students in the CS Programming pathway. At this level, students will take a deep dive into some of the Python libraries that have been developed, specifically libraries focused on data modeling and manipulation. Students will also learn how to use various collaborative tools that are used in the computer programming industry. Students who complete this course will be well-prepared for a variety of real-world certifications, including the Certified Associate in Python Programming certification.

Mobile Application Development
Year 1
465370

MAD I is the foundation course for the Mobile App Development program of study. This project-based course will explore the current landscape of mobile app development, define the roles of a development terminology and mindsets. Students will discuss and use hardware platforms and operating systems to design, create, and maintain an application for Android and iOS apps. MAD II is the second semester of the MAD I class.

Mobile Application Development
Year 2
465380

Students will use their creativity to develop working mobile apps for either iOS using Xcode/Swift programming language or Android using Android Studio/Java programming language. Emphasis will be on creating "apps for good" that solve problems such as creating learning apps for students, creating apps to assist in solving everyday problems—like finding your car in a crowded lot, or developing apps for some other good purpose. MAD IV is the second semester of the MAD III class.

Principles of Information Technology
493961

The Principles of IT course will introduce students to the skills used and careers in information technology. Topics include problem solving, data structure and analysis, using algorithms to process data and discover new information, and coding. Students will explore networking, cyber security, software development, and data analysis. Principles of IT acts as a level one course for all information technology pathways including Peak Innovation Center.

Unmanned Aerial Systems I 490160

This project-based groundbreaking program gives students the opportunity to experience the science of unmanned aerial vehicles. Students will gain experience in UAV construction, trouble shooting, flight basics, UAV software and calibration, career opportunities, mission planning, and the history of this cutting edge, multi-billion dollar industry.

Unmanned Aerial Systems II 490170

UAS II takes an advanced look at the structure, design, and function of UAVs. Along with advancing operation skills, students will study specific materials in order to pass the Remote Pilot in Command Certification test.

Unmanned Aerial Systems III 490180

UAS III offers students the opportunity to put their skills to the test in the real world. Students will be expected to independently execute the following: mission planning and preparation, UAV design, advanced UAV construction, flight logs, and flight log analyzation. Student will continue certification process.

Unmanned Aerial Systems Flex 490150

The UAS Flex course provides a foundational overview of the basics of aviation, safety and principles of flight, troubleshooting and maintenance, regulations, and mission planning, execution and debriefing as in UAS I; with the primary difference being the course is built around the use of a pre-made drone. Students will not be prepared to enter UAS II, or be prepared to take the FAA 107 exam. This course is an approved elective in multiple CTE pathways, and students will explore the industrial applications of drones in the specific pathway in which it is applied.

Programs of study:

Computer Aided Drafting 2-Year Program

UAFS Students who enter the Computer-Aided Drafting (CAD) program develop the skills and software knowledge to succeed in the rapidly changing fields of architecture and many types of engineering, such as mechanical, electrical, and civil engineering. Students learn both 2D and 3D drafting/modeling packages as well as the critical thinking skills that help them function effectively in a wide variety of employment opportunities, from architectural offices to consulting engineering to manufacturing. You will use the latest versions of the most popular software packages used in these areas and also will have the opportunity to take certification exams to highlight your skills to employers. It is recommended, but not mandatory, that students take Principles of IT before entering the program.

Network Engineering Technology 2-Year Program

PEAK INNOVATION CENTER Network engineering technicians combine programming skills with imagination to construct robust computer networks for businesses and their employees. This program equips students with the skills they will need to enter the workforce as a computer network support specialist progressing to the level of a network and system administrator. Certificates of proficiency will be awarded in supporting technology. It is recommended, but not mandatory, that students take Principles of IT before entering the program.

Student Highlight

Matthew Senetho
Southside High School
Class of 2023

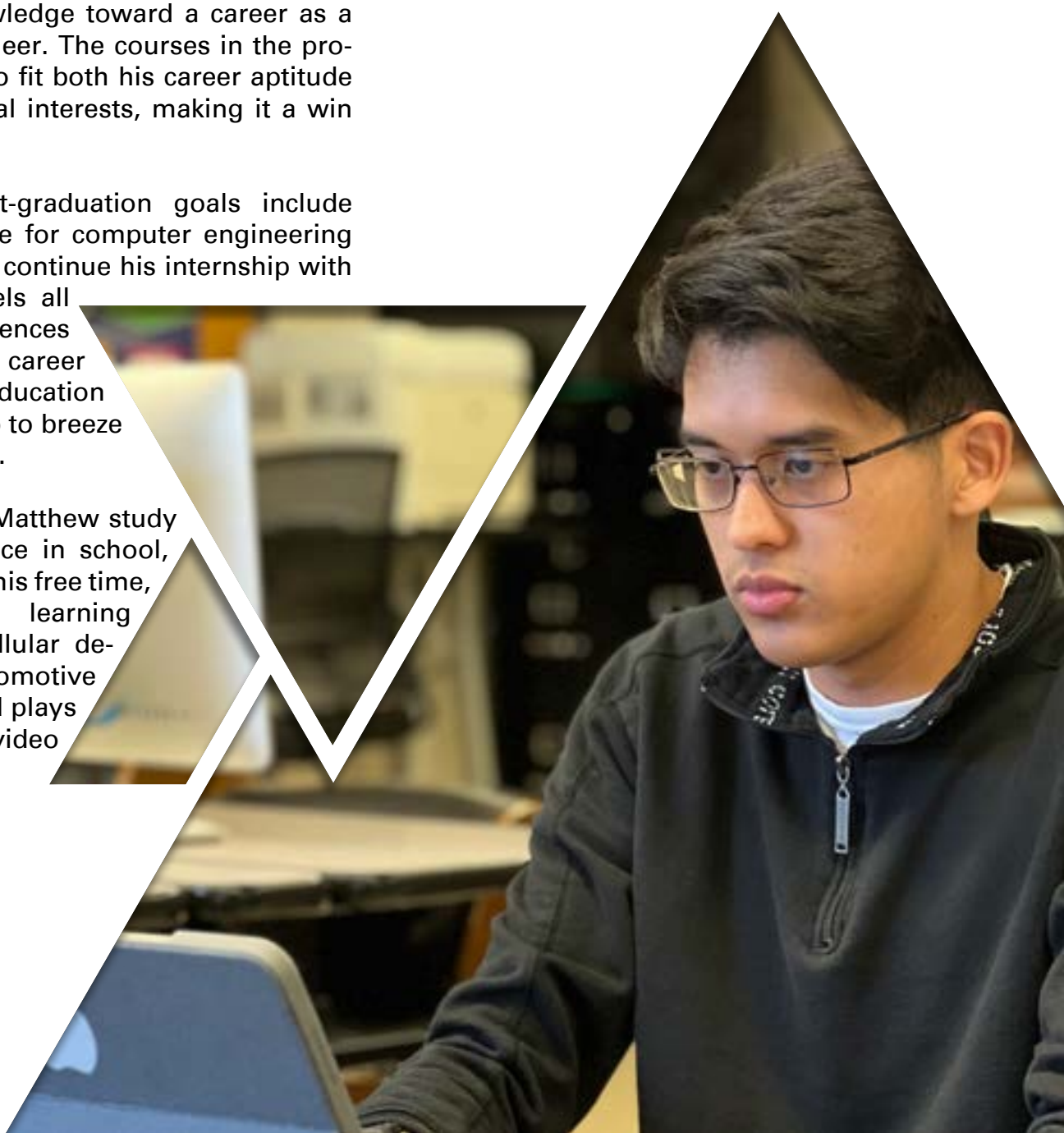
Matthew is enjoying his experience in the Mobile App Development program, prmarily for the coding aspect, even though it sometimes makes him want to pull his hair out.

He was interested in computer science and Southside because he believed it would give him more knowledge toward a career as a computer engineer. The courses in the program seemed to fit both his career aptitude and his personal interests, making it a win win!

Matthew's post-graduation goals include going to college for computer engineering and to possibly continue his internship with Arcbest. He feels all of these experiences gained through career and technical education have set him up to breeze through college.

Not only does Matthew study computer science in school, he nerds out in his free time, too! He likes learning more about cellular devices and automotive technology, and plays the occasional video game.

> "Seeing the little code snippets come together to form something extraordinary that YOU made is just amazing."



Work-Based Learning

There are three types of work-based learning opportunities in Fort Smith Schools.

Career Practicum
WORKBL

Career Practicum is a paid or unpaid experience designed to assist students in grades 11 - 12 in their specific CTE program of study. A student must be at least 16 years of age. The student must have completed at least two courses in a chosen CTE program of study to be eligible for this course.

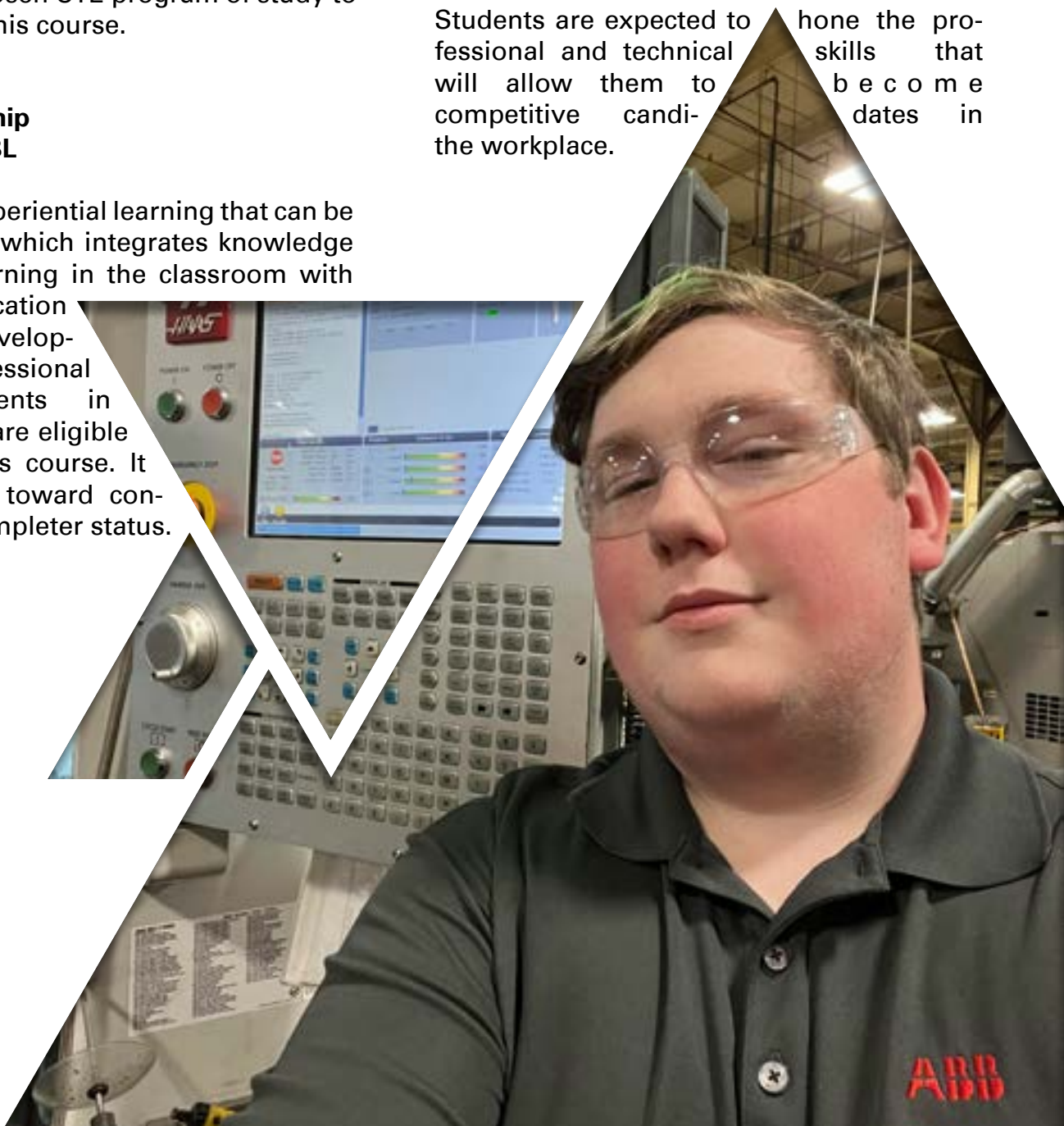
Internship
WORKBL

Internship is experiential learning that can be paid or unpaid which integrates knowledge and theory learning in the classroom with practical application and skills development in a professional setting. Students in grades 10 - 12 are eligible to enroll in this course. It will not count toward concentrator or completer status.

Peak Apprenticeship

To supplement classroom exposure, students gain practical experience during later-term apprenticeships, which are modeled to provide real-world learning throughout the student's senior year, allowing them to capitalize on the technical concurrent college credit offerings at Peak and UAFS. The ongoing, aligned support of our K-12 partners is critical to a student's successful transition into the workplace or their pursuit of a college degree.

Students are expected to hone the professional and technical skills that will allow them to become competitive candidates in the workplace.



Jobs for America's Graduates I
493780

JAG's goal is to ensure student graduation and preparation for workplace success whether the student's career begins immediately upon high school graduation, entry into military service, or requires completion of postsecondary education/training. Enrollment in a CTE program of study is required and a JAG internship component is optional.

Jobs for America's Graduates II
493790

JAG utilizes the National Jobs for America's Graduates model and curriculum. It is designed to assist career and technical students whose ability to successfully graduate from high school and obtain meaningful employment is in jeopardy. High school staff and administrators identify students at risk of not reaching their potential or leaving school prematurely. (Must have DCTE approval prior to implementation)

Jobs for America's Graduates Apprenticeship/WBL
493800

While employment is not a requirement of the JAG program, this instructor-supervised work release course may be offered concurrent to the JAG High School courses listed above. JAG Work-Based Learning includes monthly employer evaluations of participants. Credit can be given at the discretion of the individual school district for student work-based learning experiences. Participants should be expected to complete 180 hours of work-based learning in order to receive one credit-with a maximum of four credits for completing 720 hours of work study within a consecutive two-year period. JAG Work-Based Learning may be utilized in both traditional and alternative environments. The JAG WBL course follows the Work-Site Instruction and Course Credit guidelines for the CTE Internship Course (See Course Code

493860) while providing the JAG curriculum instruction as noted in JAG High School programs. (Must have DCTE approval prior to implementation).

Jobs for America's Graduates Senior Applications
493770

A senior-only program that focuses classroom attention on eligible high school seniors to provide support for school-to-career success. JAG utilizes the National Jobs for America's Graduates model. It is designed to assist career and technical students whose ability to successfully graduate from high school and obtain meaningful employment is in jeopardy. High school staff and administrators identify students at risk of not reaching their potential or leaving school prematurely. It is recommended, for early intervention, that a Multi-Year class precede the implementation of a JAG Senior Applications. (Must have DCTE approval prior to implementation)

Industry Certifications

Advanced Manufacturing & Engineering Technology
- ASE Certifications
- AWS Certifications
- NCCER Credentials
- NIMS
- OSHA 10

Arts & Communication
- Adobe Illustrator
- Adobe Photoshop
- Adobe Premier
- Microsoft Credentials

Business Management & Marketing
- Google Analytics
- Entrepreneurship: ESP Endorsement
- Microsoft Office Specialist
- Adobe Certifications
- Customer Service Certification

Health Science
- First Aid
- CPR
- AED
- HIPAA
- OSHA Hazardous Materials
- OSHA Bloodborne Pathogens
- Infection Control Training
- Stop the Bleed
- CNA
- LPN
- EMT
- PCT

Human Services
- CERT
- Financial Literacy
- First Aid
- Food Handler
- Parapro
- ServSafe

Information Technology
- Adobe Cloud
- CompTIA
- FAA-Part 107
- Microsoft Technology Certifications

Career & Technical Student Organizations (CTSO)

DECA FBLA FCCLA

hosa future health professionals

SkillsUSA

TSA TECHNOLOGY STUDENT ASSOCIATION

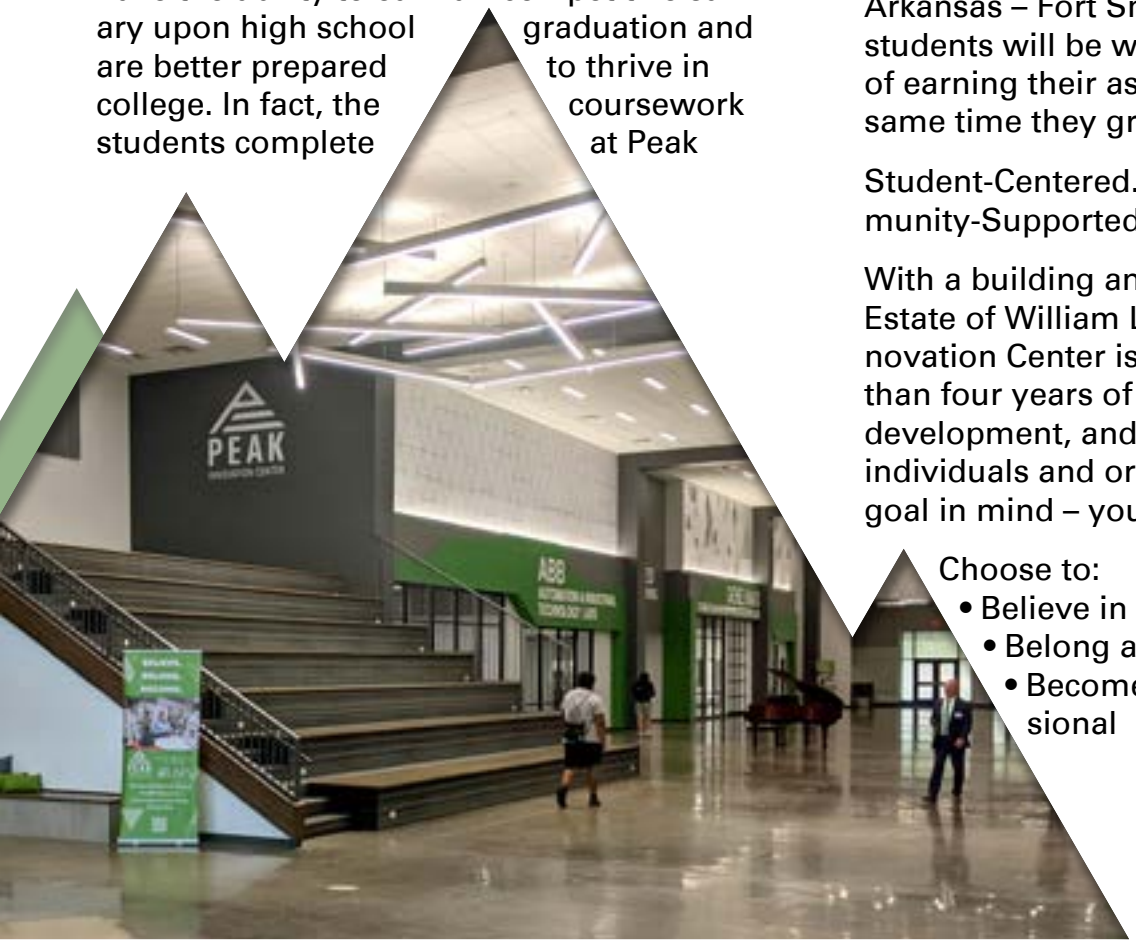
Thanks to Our Community Partners

About Peak Innovation Center

The Peak Innovation Center is a partnership between Fort Smith Public Schools and the University of Arkansas – Fort Smith that delivers cutting-edge technical and career programming to high school students in 22 school districts throughout the River Valley.

At Peak, students take a hands-on approach to learning in a multi-million dollar facility designed specifically for career-focused programming taught by University of Arkansas – Fort Smith faculty as an extension of the Western Arkansas Technical Center.

Through programming and industry exposure, students receive a direct connection to career opportunities in the region. Students who successfully complete these courses have the ability to earn a competitive salary upon high school graduation and are better prepared to thrive in college. In fact, the coursework students complete at Peak seamlessly transfers to the University of Arkansas – Fort Smith. In some cases, Peak students will be within a few course hours of earning their associate degree at the same time they graduate from high school.



Student-Centered. Career-Focused. Community-Supported.

With a building and land donated by the Estate of William L. Hutcheson, the Peak Innovation Center is the culmination of more than four years of planning, collaboration, development, and investment by countless individuals and organizations, all with one goal in mind – your success.

Choose to:

- Believe in yourself
- Belong at Peak
- Become an accomplished professional

FORT SMITH PUBLIC SCHOOLS | PEAK INNOVATION CENTER | UAFS

School Districts Served:

Alma	Charleston	Hackett	Mulberry/
Arkansas Connections Academy	Clarksville	Johnson County	Pleasant View
Arkansas Virtual Academy	County Line	Westside	Ozark
Booneville	Fort Smith	Lavaca	Paris
Cedarville	Future School of Fort Smith	Magazine	Premier
	Greenwood	Mansfield	Scranton
		Mountainburg	Van Buren

Next Steps:

Middle School

- Participate in Career and Technical Education classes and summer camps at Peak to learn more about options for high school
- Utilize career interest and aptitude inventory tools like YouScience and Edge Factor to help focus on your strengths
- Create a student success plan that includes your area of interest at Peak Innovation Center

High School

- Take the first-level class to begin your path to Peak Innovation Center. CTE courses offer Principles or Introduction classes.
- Communicate your interest in continuing your chosen pathway with your high school counselor
- Register for classes at Peak through the Western Arkansas Technical Center at UAFS
- Participate in work-based learning opportunities such as apprenticeships and internships
- Complete your high school credits while earning concurrent technical credit and industry-recognized certifications

Location: Zero Street and Painter Lane in Fort Smith, Arkansas
Facility Size: 160,000 square feet with 17 acres for future expansion
Phase 1 Learning Space: Approximately 90,000 square feet
Facility/Equipment Investment: $30,000,000
Facility Partner: Fort Smith Public Schools
Academic Partner: University of Arkansas – Fort Smith

Programs

Advanced Manufacturing

- Computer Integrated Machining
- Electronics Technology/Automation & Robotics

Construction Technology

- Carpentry
- Electrician
- Plumbing

Emerging Art & Design

Health Sciences

- Licensed Practical Nursing
- Patient Care Technician
- Emergency Medical Technician
- Certified Nursing Assistant

Information Technology

- Network Engineering Technology

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