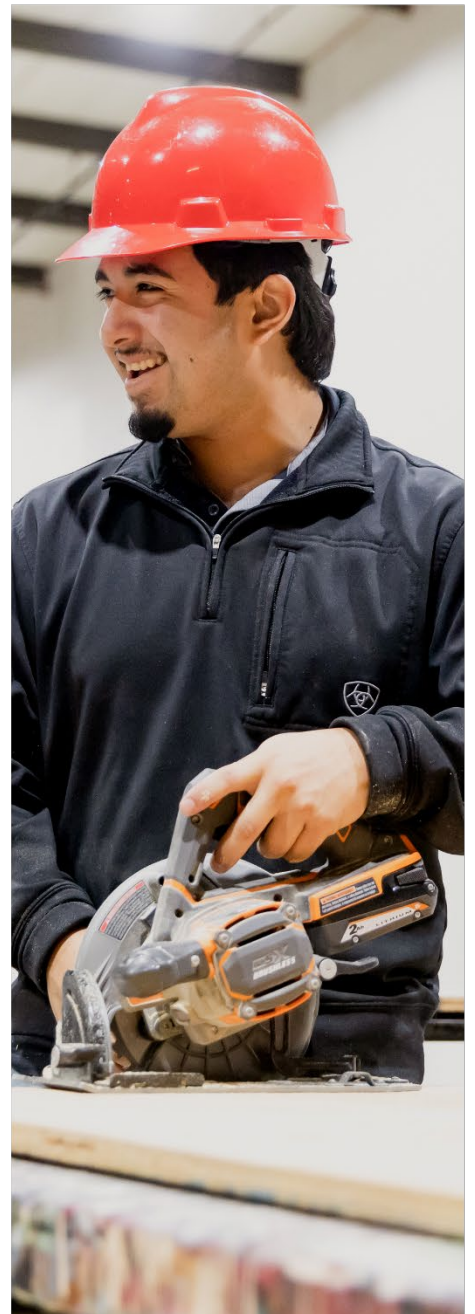




# 2025-2026 COURSE CATALOG





Dear Student:

One of our highest priorities as a district is to ensure that you graduate with a viable plan and the skill set necessary to achieve your personal goals whether they involve pursuing higher education, joining the workforce, serving our country in the military, or another option of your choice. This course catalog is a valuable tool in your planning process. I encourage you to read it carefully and consult with the counseling staff at your school to make sure that the plans you make lead to a successful future.

Once your plan is complete, hard work should follow. As a student, you will need to invest your time and effort in your classes in order to develop the knowledge and skills necessary to achieve your goals. Simply stated, you will get out of school what you put into it. Your investment will pay dividends in the form of the attributes that colleges and employers value.

I wish you the best in the future and ask that you reach out to school staff for assistance throughout your school experience. We are here to help!

Best regards,

A handwritten signature in black ink that reads "Terry Morawski". The signature is written in a cursive style with a long horizontal line extending from the top of the first letter.

Terry Morawski, Ed.D.  
Superintendent

In compliance with the federal non-discrimination laws, the Fort Smith Public Schools do not discriminate in employment and education practices relative to race or national origin (Title VI of the Civil Rights Act of 1964), disability (Section 504 of the Rehabilitation Act of 1973 and Title II of the Americans with Disabilities Act), gender (Title IX of the Education Amendments of 1972), age (The Age Discrimination Act of 1975), or genetic information (Genetic Information Act of 2008). The contact person for all the above civil rights areas is the Associate Superintendent for Human Resources and Support Services, Fort Smith Public Schools, P. O. Box 1948, Fort Smith, Arkansas 72902-1948, phone (479)785-2051.

**FORT SMITH PUBLIC SCHOOLS**

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Class of

# 2027



creating a Culture of Excellence

# 75

Service Hours

# Volunteer Service & Graduation

In Arkansas, high school students, beginning with the Class of 2027, must earn 75 volunteer service

hours to graduate. It's called the Community Service Learning (CSL) Credit. There are many ways to complete this credit. Your schools are ready to help!

# 74+

School Board Approved Partner Sites

Ready to Start Earning CSL Credit Hours?



Use this QR Code or <https://bit.ly/4d3N30N> to complete the CSL Interest Form and to see a complete list of schools and approved partner sites.

- 15 hrs • Freshman
- 20 hrs • Sophomore
- 20 hrs • Junior
- 20 hrs • Senior

Years to Complete

# 4

Your Student Success Plan Advisor and Counselor are valuable resources as you learn more about the Community Service Learning Graduation Requirement.

FORT  SMITH  
PUBLIC SCHOOLS

# Believe. Belong. Become.

Waiver Statement: FSPS Board of Education may grant a waiver of the 75-Hour Community Service Learning Graduation Requirement for extenuating circumstances on a case by case basis. Extenuating circumstances permitted may include major illness of the student, major illness of a member of a student's family, student homelessness, or because the student is a major contributor to family income.

Promoción

# 2027



# 75

creating a **Horario de Servicio**  
**Culture of Excellence**

# Servicio Voluntario & Graduación

En Arkansas, los estudiantes de secundaria, a partir de la promoción 2027, deben

cumplir con 75 horas de servicio

voluntario para graduarse. Se le llama Crédito de Aprendizaje de Servicio Comunitario (CSL por sus siglas en inglés). Hay muchas maneras de completar este crédito. ¡Sus escuelas están dispuestas a ayudar!

# 74+

Lugares Asociados Aprobados por la Junta Escolar

¿Listo para empezar a obtener horas de crédito CSL?



Utiliza este código QR o <https://bit.ly/4d3N3ON> para completar el formulario de CSL Interest y para ver una lista completa de escuelas y lugares asociados aprobados.

15 hrs • Noveno Grado  
20 hrs • Décimo Grado  
20 hrs • Onceavo Grado  
20 hrs • Doceavo Grado

# 4

Años para completarlo

Tu Asesor y Consejero del Plan de Éxito del Estudiante son recursos valiosos mientras aprendes más acerca del Requisito para Graduarse del Aprendizaje de Servicio Comunitario.

**FORT SMITH**  
PUBLIC SCHOOLS

## Cree. Pertenece. Conviértete.

Declaración de Exención: La Junta de Educación de las Escuelas Públicas de Fort Smith (FSPS por sus siglas en inglés) puede otorgar una exención del Requisito para Graduarse de 75 Horas de Aprendizaje de Servicio Comunitario por circunstancias atenuantes, según cada caso en particular. Las circunstancias atenuantes permitidas pueden incluir enfermedad grave del estudiante, enfermedad grave de un miembro de la familia del estudiante, falta de vivienda del estudiante o porque el estudiante es un contribuyente importante a los ingresos familiares.



# GRADUATION REQUIREMENTS

To graduate from the Fort Smith Schools, a student must earn a minimum of twenty-two credits (beginning with class of 2026). Credits are earned at the rate of 0.5 credits per class per semester. [Smart Core graduation requirements were developed by the Arkansas Department of Elementary and Secondary Education \(DESE\)](#) to prepare students for college and career post-secondary educational opportunities.

Subject Area	Fort Smith Requirements
<b>English</b>	<b>4 credits</b>
<b>Math</b>	<b>4 credits</b> 1 credit of Algebra 1 credit of Geometry 1 credit of Algebra II <a href="#">1 credit of additional math or Computer Science Flex</a>
<b>Science</b>	<b>3 credits</b> 1 credit of DESE approved Physical Science 1 credit of DESE approved Biology <a href="#">1 credit of DESE approved third science or Computer Science Flex</a>
<b>Social Studies</b>	<b>3 credits</b> .5 credit of Civics* .5 credit of economics or equivalent course** 1 credit of World History 1 credit of American (U.S.) History
<b>Physical Education</b>	<b>.5 credits</b> 0.5 credit of PE, Athletics, Cheer, Dance, or JROTC I.
<b>Health</b>	<b>.5 credits***</b> .5 credit can be earned in JROTC II.
<b>Oral Communication</b>	<b>.5 credits</b> .5 credit can be earned in English 10.
<b>Fine Arts</b>	<b>.5 credits</b> Courses that are considered a Fine Arts credit include Band, Choir, Orchestra, Music Theory, Music Appreciation, Theatre, Technical Theatre, Visual Arts and Humanities through the Arts.
<b>Career Focus</b>	<b>6 credits</b> .5 credit of Keystone This high school credit will be earned in 8 <sup>th</sup> grade in FSPS through Career Connections. ****1.0 credit of Computer Science OR qualifying CTE course Please click this <a href="#">link</a> to all CS and qualifying CTE courses
<b>Community Service Learning (Beginning class of 2027)</b>	<a href="#">Link</a>
<b>Total Credits</b>	<b>22 credits</b>

\*ADE Act 478 requires all students to pass the civics portion of the Naturalization Test used by the US Citizenship and Immigration Services.  
 \*\*ADE Act 480 and Act 466, these acts require all students to complete a course that includes specific personal finance standards in grades 9-12.  
 \*\*\*DESE CPR Standards included in FSPS Health.  
 \*\*\*\*ACT 414 requires all students to earn one unit of credit in an ADE approved high school computer science course.  
**ACT 237 requires all students (beginning in class of 2027) to complete 75 community services hours between grades 9-12.**

# GRADUATION

To be a graduate of a Fort Smith high school, a student must have been in attendance at that school during the final semester before graduation and have earned at least two credits in that semester. A student may not take a final requirement in a summer session and satisfy graduation requirements for Fort Smith Public Schools if all other high school work has been done elsewhere. Enrollment must occur within the first 10 days of the final semester.

A student desiring to graduate early must do the following:

- Outline a plan in which all 22 required credits will be met
- Obtain the principal's approval before the beginning of the school year.

**A student must have completed all required units of credit to be eligible to participate in spring commencement exercises.**

<b>Diploma Requirements</b>	
<b>Diploma</b>	Meet requirements for graduation.
<b>Honors Diploma</b>	Meet requirements for graduation; accumulate a 3.0 grade point average; pass eight units of PreAP, AP, and/or concurrent courses.
<b>AP Capstone Diploma</b>	Meet requirements for graduation; earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP exams of the student's choosing.

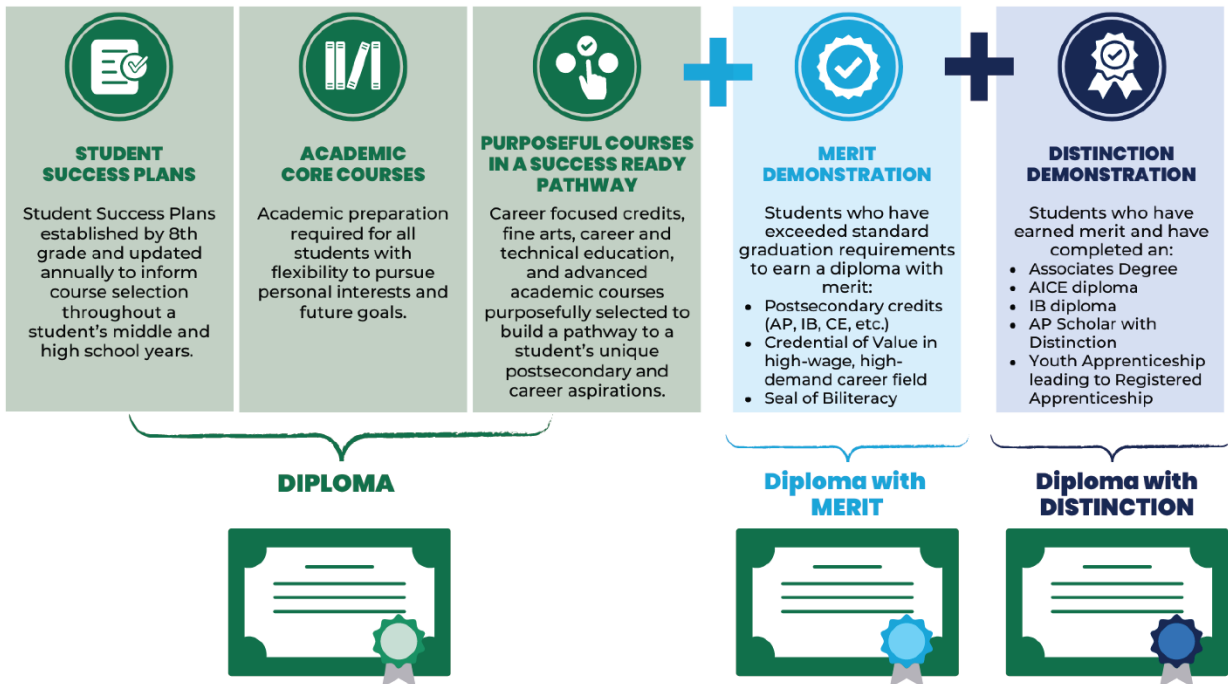


# Success-Ready Pathway Guide

*Every Arkansas student deserves the opportunity to graduate on a path toward prosperity.*

Every student in Arkansas should graduate from high school “success-ready” with the knowledge, skills, abilities, and habits to succeed on their chosen path, with options including **enrollment** in a postsecondary training or degree program, **enlistment** in military service, and **employment** in a career that provides a family-sustaining wage. Beginning with the entering ninth-grade class of 2024-25, all students will have the benefit of flexible college and career readiness pathways to guide high school course selection and progress toward high school graduation. The success-ready pathways in this document are encouraged to be used to guide the purposeful selection of courses toward a student’s postsecondary aspirations and career goals - as part of their career focused electives and student success planning. Completion of a success-ready pathway leads to eligibility to earn State Distinction, by demonstrating readiness at the culmination of that pathway. Schools will have an opportunity to earn points in accountability for students graduating with merit or distinction.

## GRADUATION REQUIREMENTS FOR ALL STUDENTS



# **AWARDING CREDIT TO TRANSFER STUDENTS**

Any student transferring from a school accredited by the Arkansas Department of Elementary and Secondary Education (DESE) to a Fort Smith Public School (FSPS) school will be placed into the appropriate grade based on the number of credits the student has. Any student transferring from a school that is not accredited by DESE to a FSPS school will be evaluated by the staff to determine the student's proper placement. When the appropriate documentation of work completed by the student is given to the school counselor, the work and documentation will be evaluated by a committee.

Credit will only be awarded for homeschool courses that are part of an accredited homeschool program. Grades earned in an accredited homeschool program will factor into the student's grade point average (GPA).

## **TRANSFER FROM OTHER PUBLIC U.S. SCHOOLS**

When a student transfers from another accredited public high school, high school credits and GPA earned will be accepted and treated in a manner similar to credits and GPA earned at a FSPS school. The school will record courses from the previous school with the designated credits on the transcript. Credit cannot be given for a course that shows as "no credit" on the incoming transcript. Weighted credit will be given **ONLY** for the transfer of successfully completed year-long Advanced Placement (AP) courses with verification of AP exams taken. All other courses will receive no additional weight in determining the GPA for a student who transfers from a public school. If a student transfers from a non-accredited public high school, a committee of appropriate personnel, which includes a counselor, department chair, and administrator, will review and determine the awarding of credits and grades. It will be the responsibility of the parent or guardian of the transferring student to provide school officials with a copy of the most recent official student transcript, a copy of the high school course description book, and graded samples of the student's work for review by the school committee.

## **TRANSFER STUDENTS FROM PRIVATE U.S. SCHOOLS**

Credits and letter grades from accredited private schools will be accepted. When a question regarding accreditation of the private school is an issue, an accreditation review committee of FSPS staff, including a counselor, department chair, and administrator, will determine whether or not credits and grades will be granted. Transferred courses from a private school that are in line with FSPS curriculum (as shown in the Course Guide) or in the state's listing of core curriculum courses will receive letter grades and credits. Other courses will receive credit but will not calculate in the student's GPA.

## **TRANSFER FROM HOMESCHOOL**

Arkansas law specifies that a high school is not responsible for providing credits, grades, a transcript or a diploma for a student in home schooling instruction. However, the law also states that the homeschooled student may earn a diploma by entering high school and completing a minimum of nine (9) months in school in classes of appropriate placement. The student must also meet the graduation requirements for Fort Smith Public Schools. During enrollment the parent/guardian and student will be responsible for providing to the school counselor the following documentation in order for the appropriate decision to be made regarding student placement in courses. This documentation will include but not be limited to:

- documentation that application for home schooling has been approved
- a copy of the student's Individualized Education Program (IEP) (required by Arkansas home school laws)
- documentation from the home school academy/company showing courses the student successfully completed and dates of study
- a portfolio with sample work completed by the student in each course where credit is being requested.

## **TRANSFER FROM A SCHOOL IN A FOREIGN COUNTRY**

When a student transfers from an accredited American school in a foreign country, high school credits will be accepted and treated in a manner similar to a transfer from either a public or private school in the U.S. When a student transfers from a foreign school, credit will be accepted and treated in a manner similar to transfers from homeschool.

## **ASSOCIATE DEGREE PATHWAY**

Through a carefully planned program of study designed around Advanced Placement and Concurrent Credit courses, students can earn an Associate of Applied Sciences Degree, An Associates of General Studies in Business, or Associate of General Studies in Education. The degree options reduce the costs of higher education to students and families, facilitate degree completion, and encourage students to continue college beyond the degree. College credit can be earned through an AP course with a qualifying score on the AP exam. Concurrent credit courses award both high school and college credit with a passing grade in the class.

The University of Arkansas- Fort Smith is offering three Associate's Degree pathways to Fort Smith Public School students: Associate of Applied Science in Electronics Technology, and the Associate of General Studies in Business and Education. The Associate of General Studies in Business is fully transferable to Bachelor of Business Administration at UAFS, and can be accomplished at a student's home campus. The Associate of General Studies in Education is fully transferable to Bachelor of Education at UAFS, and can be accomplished at a student's home campus. The Associate of Applied Science and Electronics Technology includes classes at a student's home campus and classes at Peak Innovation Center.

Students must meet the enrollment requirements of UAFS and be formally admitted to UAFS through the standard UAFS application process: [www.uafs.edu](http://www.uafs.edu)

Sample plans can be found on pages 71, 76, and 84.

## **SCHEDULE CHANGES**

Students are encouraged to discuss course selections with their parents, teacher-advisors, career mentors, and counselors. Career goals and educational plans should determine course selections that are approved by parents and counselors. Therefore, schedule changes in the fall are allowed only in extraordinary situations and only with administrative approval. Students who withdraw from a course after 10 school days may receive an “F” for the semester. Schedule reviews will begin no sooner than the third day of the semester. AP schedule reviews will begin the second week of school.

# GRADING SCALE

For all academic classes in grades 1-12, the following Arkansas Uniform Grading Scale and numeric values will be used for assigning grades and for computing student grade point averages (GPAs):

Regular/PreAP Courses		Advanced Placement (AP), International Baccalaureate (IB), Approved Honors Courses, and Concurrent (Beginning with class of 2027, concurrent credit will count towards an Honors Diploma AND weighted credit).	
A - 90 -100	4 points	A - 90 -100	5 points
B - 80 - 89	3 points	B - 80 - 89	4 points
C - 70 -79	2 points	C - 70 -79	3 points
D - 60-69	1 point	D - 60-69	2 points
F - 0 - 59	0 points	F - 0 - 59	0 points

*Advanced Placement (AP) and International Baccalaureate (IB) Courses: In order for students to be awarded the weighted quality points for AP or IB courses, the student must complete the full year course and sit for the AP or IB exam.*

Academic grades are determined on a semester basis. Progress grades are issued at nine weeks and other appropriate time periods. Nine-week grades are not final grades. At the end of the second quarter, a first semester grade will be assigned. A second semester grade will be assigned at the end of the fourth quarter. Only semester grades will be recorded on the permanent record.

Nine-week grades will be based upon many factors, which may include but are not limited to: tests and assignments, both oral and written; class participation; special projects and assignments; research; class activities of various types; and items relative to the Arkansas Standards and Arkansas Curriculum Frameworks.

## CLASS RANK

The Arkansas uniform grading scale and numeric values (see table above) are used to calculate grade point average and class rank for transcript transmission as follows (Acts 820 & 1573 of 2007).

All courses taken as a part of the school day in grades 9-12 will be counted in these calculations, except credits earned in Home School (will be assigned Pass/Fail grades only). Credits earned at any school not fully accredited by a state's education department or one of the state's regional accrediting agencies (i.e., AdvancED) must be approved by the Director of Secondary Education. The courses taken prior to the ninth grade for high school credit will count in this calculation, such as Algebra I, PreAP Algebra I, Physical Science, Spanish I, Fitness for Life, Health, and Survey of Business.

# ATHLETIC ELIGIBILITY STANDARDS

Eligibility rules apply to all students competing in athletics or non-athletic activities.

## **HIGH SCHOOL**– *Grades 9, 10, 11, 12*

First semester ninth grade students must pass four credited classes to be eligible second semester of the ninth grade. Ninth grade students must meet senior high academic eligibility by the end of the second semester in order to be eligible to participate during the fall of their tenth grade year. Students who have finished two semesters of the ninth grade must follow all senior high (10-12) credited requirements. *NOTE: After the second semester of the ninth grade, students who have not earned enough credits to be classified as a sophomore must meet the scholarship requirements for senior high (10-12) eligibility.*

The requirement for senior high eligibility will include: – Passing four credited courses and achieving a minimum semester GPA of 2.0 for the previous semester. Any of the four courses for which concurrent high school credit is earned may be from an institution of higher learning recognized by DESE.

[https://drive.google.com/file/d/1ulrFfqKq1g5JWH9Dd1L0C\\_gJwfeQl76g/view](https://drive.google.com/file/d/1ulrFfqKq1g5JWH9Dd1L0C_gJwfeQl76g/view)



# NCAA REQUIREMENTS FOR ATHLETES



Students who want to participate in athletics or receive an athletic scholarship for college must complete specific courses in order to be eligible. FSPS approved courses are marked with the NCAA logo. For more information concerning these requirements, please contact your student's counselor and visit:

[http://fs.ncaa.org/Docs/eligibility\\_center/Quick\\_Reference\\_Sheet.pdf](http://fs.ncaa.org/Docs/eligibility_center/Quick_Reference_Sheet.pdf)

## ARKANSAS DEPARTMENT OF HIGHER EDUCATION SCHOLARSHIPS

Applications for all state-funded scholarships are available under the YOUiversal Financial Aid System at <https://sams.adhe.edu/>. The application site opens each year for high school seniors beginning October 1st. Deadlines for each scholarship may vary.

### **Academic Challenge Scholarship**

The Academic Challenge Program provides scholarships to Arkansas residents pursuing a higher education. Funded in large part by the Arkansas Scholarship Lottery, the Academic Challenge Scholarship is available to students who are just graduating from high school, currently enrolled in college, enrolling in college for the first time, or re-enrolling after a period of time out of college. Requirements for high school seniors are a score of 19 on the ACT (or ACT equivalent score - 990 on SAT) and a completed FAFSA.

### **Arkansas Future Grant (ArFuture)**

Arkansas Future (ArFuture) is the newest state grant program. The purpose of this grant is to increase the education and skills of Arkansas' workforce in an affordable manner. The grant applies to students enrolled in Science, Technology, Engineering and Math (STEM) or regional high demand areas of study. The grant will cover tuition and fees for qualifying certificate and associate degree programs at Arkansas' public institutions for eligible students. The grant is available on a first-come, first-served basis.

An applicant must have either:

- graduated from an Arkansas public school, private school, home school or received a high school equivalency diploma approved by the Department of Career Education; OR
- verified that he or she has resided within the state for the three (3) years immediately preceding application and has either:
  - graduated from an out-of-state high school, private school, home school or received a high school equivalency diploma approved by another state OR
  - been enrolled part-time or full-time at an approved institution of higher education in a program of study that leads to an associate degree or a certification in a STEM or regional high demand field.

The student must also complete the Free Application for Federal Student Aid (FAFSA). Click [HERE](#) for link.

### **Governor's Distinguished Scholarship**

The Governor's Distinguished Scholarship is the most academically rigorous scholarship program offered for those graduating seniors who scored either 32 on the ACT or 1410 on the SAT and who have a 3.50 academic grade point average. Those who are named National Merit Finalists or National Achievement Scholars may qualify without meeting the GPA requirement but must still meet the ACT/SAT requirement. The scholarship pays tuition, mandatory fees, room and board up to \$10,000 per year.

### **Arkansas Workforce Challenge**

The Workforce Challenge Scholarship was created in the 2017 legislative session and is funded by lottery revenue. The purpose of the scholarship is to provide workforce training in the high-demand areas of healthcare, information technology, and industry. Classes are not limited to credit-bearing programs or non-credit, workforce-training classes.

Requirements for this scholarship are that a student must be:

1. an Arkansas resident,
2. a high school graduate or received high school equivalency,
3. accepted for admission into an approved program as defined by ADHE.

A student may not be a recipient of the Academic Challenge Scholarship.

[Degree List for 2023-2024 Academic Year](#)

# ASSESSMENTS

Students attending an Arkansas public school will participate in the Cambian Assessment, PSAT, and/or ACT. Ninth and tenth grade students will participate in Cambian, which includes assessments in English, Reading, Writing, Math and Science. Tenth grade students will take part in the PSAT. Eleventh grade students will have the opportunity to take part in the universal ACT.

Cambian:

**Arkansas law requires that all public school students shall participate in a statewide program of educational assessments per Ark. Code Ann. §§ 6-15-419, 6-15-433, 6-15-2009.**

WorkKeys:

The ACT WorkKeys assessment was approved by the state board of education to meet at Arkansas Act 319 of 2021. The WorkKeys assessment provides high school students the opportunity to earn a nationally recognized work readiness certificate before they graduate.

Civics Exam:

**Ark. Code Ann. §§ 6-16-149** requires students seeking a high school diploma or high school equivalency diploma to pass the Arkansas Civics Exam with a score of 60% or better. This requirement began in the 2018-2019 school year.

Pre-ACT:

The Pre-ACT is a low-stakes pre-exam for the ACT designed by ACT, the nonprofit organization of the same name that administers the ACT. The Pre-ACT is a slightly shorter, slightly easier exam designed to help students prepare for the official ACT exam by simulating the test and testing experience. The Pre-ACT is a paper-and-pencil test comprised of multiple-choice sections for English, Math, Reading, and Science. (Unlike the official ACT exam, the Pre-ACT does not have an essay section.) The Pre-ACT also contains information designed to aid in discussions about college majors and career paths. If you want to get a sense of how you might score on the ACT based on where you currently stand and also get some ACT practice before the “real” ACT, the Pre-ACT is the test to take.

ACT:

All Arkansas eleventh grade students enrolled in a public or charter school will be given the opportunity to take the ACT during the spring of their junior year at their respective schools. The ACT is a college entrance exam used by most colleges and universities to make admissions decisions. It is offered several times a year and is required by all colleges and universities in the state of Arkansas. Students are encouraged to take the ACT multiple times during their high school years. ACT limits scoring to 12 assessments; they will not score nor count an ACT score after a student has taken it 12 times.

**NOTE:** Eleventh and twelfth grade students may qualify for an ACT fee waiver by meeting at least one indicator of economic need listed on the ACT fee waiver form. Ask your counselor for information about these indicators and how to request fee waiver forms. ACT information can be found at [www.act.org](http://www.act.org).

### PSAT:

The PSAT/NMSQT test, which yields scores in verbal ability and mathematics and is a practice test for the Scholastic Aptitude Test (SAT), is administered in the tenth and eleventh grade years. This test, which is given once a year in October, must be taken if a student wants to qualify for the National Merit Scholarship program.

### SAT I AND SAT II:

These college entrance tests are offered on specific dates throughout the school year. The SAT I yields scores in critical reading, mathematics, and writing. The SAT II identifies achievement levels in a variety of subjects. For additional information, visit <https://www.collegeboard.org/>.

NOTE: Students should consult a counselor for testing information. There are fees for some of the previously mentioned tests, and fee waivers are available for qualifying students. For additional information, visit <https://www.collegeboard.org/>.

### Advanced Placement Exams:



Advanced Placement (AP) courses are designed to provide rigorous college-level work within the high school setting for students who want the best preparation for college course work. In order to receive weighted credit for an AP class, a student must complete the entire course which is taught by an appropriately trained teacher or one who is under the provision of an additional training plan (ATP). The student must also complete the nationally administered AP exam at the end of the year. Students who successfully complete the AP exam may earn college credit, dependent upon the policies of the college of their choice.

**Students are expected to test on the designated test dates. Alternate AP exams may be ordered ONLY if:**

- 1) A student is participating in an AAA event on the day of an exam.**
- 2) A student is scheduled to take two tests on the same date at the same time.**

# SPECIAL SERVICES

Special services are provided to any student who is identified as disabled or gifted/talented. In addition, services are provided to students identified as English language learners (ELL).

Alternative educational settings may be provided for students seeking high school credit. Primary sources for such credit are Belle Point Center, correspondence courses\*, out-of-district summer school and/or online courses. See a counselor for information.

In Fort Smith Public Schools students will recover a credit through the credit recovery program. The new grade earned will be placed on the student transcript and calculated into the student's GPA. The original grade earned in the course will be replaced with an "NC" and thus will not negatively impact the student's GPA. The methods of recovering credit are as follows:

## Retaking Courses

A student may retake a course at Fort Smith Public Schools if the situation meets the following criteria:

- if the course was taken prior to ninth grade and the student made a "D" or "F" in either semester for the course, and the course has available seating -OR-
- if the course was taken during high school and the student made an "F" in either semester of the course, and the course has available seating -AND-
- the course originally taken is an FSPS approved high school credit course.

A student who wants to retake a course under these guidelines must have a parent communicate this request to the school at the time of course selection for the following school year. The course must be approved by a school administrator and the course must have available seating.

## Credit Recovery

The purpose of the credit recovery classes is to provide students who have failed an academic course the opportunity to retake the course and earn credit toward high school graduation requirements. These courses are taught through computer-based coursework and are offered during the school day and as summer school courses.

*\*Any correspondence course must be approved by the district for approval toward graduation credit. Some correspondence courses do not qualify as core courses for NCAA Division I. It is the student's/parent's responsibility to make the appropriate choices in correspondence course selections.*

# EQUAL OPPORTUNITY ASSURANCE

The Fort Smith Public Schools assures that no person will, on the basis of race, color, national origin, sex, or disability, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.

# EDUCATIONAL EQUITY COMPLAINT RESOLUTION PROCEDURE

I. Purpose: The purpose of the Educational Equity Complaint Procedure is to afford individuals an opportunity to seek redress for any real or perceived problem in the area of:

- Title VI (Race) of the Civil Rights Act of 1964
- Title IX (Sex) of the Education Amendment of 1972
- Section 504 (Handicap) of the Rehabilitation Act of 1973

II. Who May Register A Complaint: Complaints concerning equity, as indicated in Section I, may be made by students, parents, legal guardians, employees and any concerned citizen.

III. When Is A Complaint Registered: A complaint may be registered by anyone listed in Section II when a question concerning equity relative to the areas listed in Section I cannot be resolved at the individual school level.

IV. Procedure for Registering a Complaint: An equity complaint by anyone listed in Section II must be made in writing or recorded on tape and submitted to:

Fort Smith School District  
Equity Coordinator  
P.O. Box 1948  
Fort Smith, AR 72902-1948

Written complaints must be signed and dated. Taped complaints must include the date and the name and identification of the complaining individual.

V. Procedure for Handling Complaints: Within seven working days after receipt of a complaint, the equity coordinator will appoint a committee composed of a parent, a principal, a teacher, a central office administrator, and a student, when appropriate. The central office administrator will act as the chairperson of the hearing committee. The chairperson may conduct the hearing or ask another committee member to do so.

The committee will hold a hearing with the complaining party within fourteen working days of the receipt of the complaint. The hearing will be limited to involved parties only. The chairperson of the hearing committee may rule for an open meeting when appropriate.

The complaining party and the committee shall have an opportunity to present evidence, question parties involved and bring in witnesses. The committee will make a written report of their findings to the superintendent, and the superintendent will make a decision based on the findings of the committee. The decision will be in writing, and copies will be sent to the complaining party, the president of the Board of Education, the appropriate school principal, and the equity coordinator within thirty working days of receipt of the complaint.

VI. Appeal: The complaining party will have the right to appeal the decision of the superintendent to the Board of Education by notifying the president. The appeal must be submitted in writing or on tape within fifteen working days of receipt of the superintendent's decision. Written appeals must be dated and signed. Taped appeals must include date taped and the identification of the appealing party.

The president of the Board of Education will convene a meeting within fifteen working days of receipt of the appeal. At least four members of the Board must be present at the meeting. The appealing party and the Board have the right to present evidence, question parties involved and bring in witnesses.

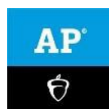
The Board will make a decision based on the evidence presented at the meeting. The decision will be in writing and copies will be sent to the appealing party, the superintendent, the appropriate principal, and the equity coordinator within ten working days of the hearing.

VII. Subsequent Appeals: The complaining party has the right to appeal the decision of the Board of Education. Further appeals must be submitted to the State or Federal agency charged with responsibility in the area covered by the complaint.

VIII. Addresses and Phone Numbers:

Fort Smith School District Equity Coordinator P.O. Box 1948 Fort Smith, Arkansas 72902-1948 Phone Number 479-785-2501	Arkansas Equity Assistance Center #4 Capitol Mall, Room 402A Little Rock, AR 72202-1071 Phone Number 501-682-4213
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# AP CAPSTONE



## How AP Capstone™ Works

Students typically take AP Seminar in the tenth or eleventh grade, followed by AP Research. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing will receive the **AP Capstone Diploma™**. This signifies their outstanding academic achievement and attainment of college-level academic and research skills. Alternatively, students who earn scores of 3 or higher in AP Seminar and AP Research will receive the **AP Seminar and Research Certificate™**.



## AP CAPSTONE PROGRAM

AP Capstone is an innovative diploma program that provides students with an opportunity to engage in the rigorous scholarly practice of the core academic skills necessary for successful college completion. AP Capstone is built on the foundation of two courses — **AP Seminar** and **AP Research** — and is designed to complement and enhance the in-depth, discipline-specific study provided through AP courses. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions.

### AP SEMINAR 517060



AP Seminar is a foundational course that engages students in cross-curricular conversations. Students will use an inquiry-based framework to practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listen to and view speeches, broadcasts, and personal accounts; and experience artistic works and performances. Students will learn to synthesize information from multiple sources, develop their own perspectives in research-based, written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments



**AP RESEARCH**  
**517070**

**PREREQUISITE: AP SEMINAR**



AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long, research based investigation that addresses a research question. Students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio.

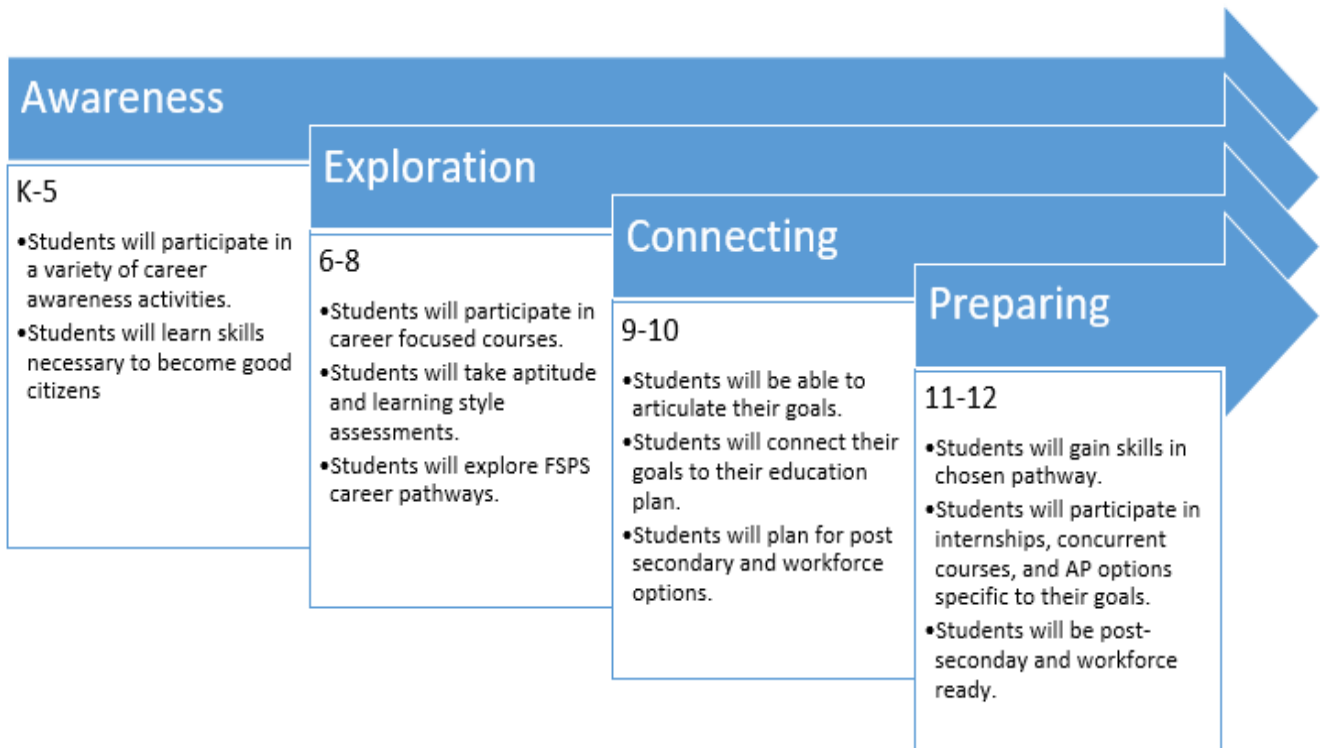
# HIGH SCHOOL TO DO LIST

## Student Success Planning

Each year beginning in the 8<sup>th</sup> grade, each student and their parent/guardian will visit with a member of the school faculty to discuss the student's career and academic goals. The discussion will address:

1. *The student's strengths and natural talents,*
2. *The student's interests,*
3. *The opportunities available in Fort Smith Public Schools and the workforce,*
4. *The courses that the student will take during high school.*

The Fort Smith Public Schools looks to this K-12 Career Development guide for creating student experiences.



## **Freshmen**

- Utilize your personalized Student Success Plan for registering for classes.
- Review your four-year high school plan in Naviance. Think about what you would like to accomplish in the next four years.
- Talk to your school counselor about your plans after high school. Select AP/concurrent courses that are challenging enough to prepare you for your post-secondary plans, including college.
- Use Assessments in Naviance to learn more about yourself and your career interests, specifically Career Key and Strengths Explorer.
- In Naviance, review and continue to build your resume documenting your activities and volunteering hours.
- Create a new SMART Goal in Naviance.
- Participate in the You Science Summit.
- Explore college admission requirements and costs using your Naviance account.
- Learn which high school courses will prepare you for your post-secondary plans and meet admission requirements.
- Talk to other people, such as your school counselor, teachers, and other professionals in your community, about careers that might interest you.
- Participate in extracurricular activities. Remember that colleges would rather see real involvement in one activity instead of little involvement in many. Look for opportunities to volunteer and learn more about your career of interest.
- College-level competitors: Interested in NCAA eligibility? Ask your counselor for a list of your high school's NCAA core courses to make sure you take the right classes, or find your high school's list at <https://web3.ncaa.org/hsportal/exec/hsAction>
- Maintain good grades.
- Save for college. Every little bit helps.

## **Sophomores**

- Check your credits to make sure you are on track for graduation.
- Prepare for Pre-ACT assessment.
- Prepare for the PSAT 10 to determine AP potential and potential national merit semi-finalist.
- Take the ACT as early as possible and utilize all preparation resources.
- Participate in extracurricular activities. Remember that colleges would rather see real involvement in one activity instead of little involvement in many. Look for opportunities to volunteer that will help you learn more about your career of interest.
- Continue to keep a record of all community service, awards and activities on your resume in Naviance.
- Maintain good grades.
- If you are interested in a U.S. service academy, request a pre candidate questionnaire.
- College-level competitors: Register for a Certification Account or Profile Page with the NCAA Eligibility Center at <https://web3.ncaa.org/hsportal/exec/homeAction>
- Continue to use Naviance to learn more about yourself and research colleges.

- ❑ Talk to your school counselor about your plans after high school. Select AP and concurrent credit courses that are challenging enough to prepare you for your post-secondary plans, including college.
- ❑ Research financial aid opportunities to cover college and training costs.
- ❑ Tour college campuses, if possible, with your family during the summer.
- ❑ Continue to save for college.

## Juniors

- ❑ Students are encouraged to take the ACT Prep course located in [Pear Deck Tutor \(Spanish Version\)](#) Please contact a counselor for the free coupon code to access the ACT Prep course.
- ❑ Check your credits to make sure you are on track for graduation (honors diploma, if applicable).
- ❑ Get involved in extracurricular activities, clubs, or volunteer work to build up your high school resume. Focus on a specific area in which you are interested. Quality of work over quantity of hours will make a difference in your high school resume.
- ❑ Log community service hours and experiences.
- ❑ Register for the October PSAT. Your score on the PSAT may qualify you for some major scholarships, including the **National Merit Scholarship**. For more information visit: <https://www.nationalmerit.org>.
- ❑ Participate in our local College Fair.
- ❑ List the schools in which you are interested and become familiar with their websites, admission requirements, and cost of attendance.
- ❑ Plan to register online to take the ACT ([actstudent.org](http://actstudent.org)) or SAT ([collegeboard.org](http://collegeboard.org)). Both tests have free online prep programs - ACT Academy (<https://academy.act.org>) or Kahn Academy for the SAT (<https://www.khanacademy.org>).
- ❑ Visit a college. As a junior, the district allows you one college visit day. Most colleges have a “junior” day in the spring that will be posted on their website. Spring Break is a great time to make some visits!
- ❑ Meet with your counselor to talk about courses for your senior year. Take rigorous courses that will best prepare you for college. Inquire about AP and concurrent courses offered at your school to prepare for college.
- ❑ Log on to your Naviance account for more college prep information and also scholarships.
- ❑ College-level competitors: Consult with your counselor to ensure that your schedule meets NCAA requirements. <https://web3.ncaa.org/ecwr3/>
- ❑ Take the opportunity to shadow someone in a career that interests you. Your summer break is a great time to do this!

## Seniors

- ❑ Students are encouraged to take the ACT Prep course located in [Pear Deck Tutor \(Spanish Version\)](#) Please contact a counselor for the free coupon code to access the ACT Prep course.
- ❑ Check your credits to make sure you are on track for graduation (honors diploma, if applicable).
- ❑ College-level competitors: Consult with your counselor to ensure that your schedule meets NCAA requirements. <https://web3.ncaa.org/ecwr3/>

- Create an email account that you will use for college and scholarship purposes. Do not use your Fort Smith Public Schools email and make sure that your user name sounds professional.
- Continue to get involved in volunteer work and leadership opportunities.
- Attend the Parent Senior Night hosted by your high school.
- Continue to use your Naviance account for college, scholarships, and senior-student tasks.
- Begin to request your letters of recommendation. A good letter of recommendation comes from someone who knows you well enough to speak about your academic potential and leadership qualities. Allow at least two weeks for the receipt of a letter.
- Sign up to take the ACT! You will have three more opportunities this fall after school begins, (September, October, and December). Talk to your counselor if you qualify for a fee waiver. Make sure to include your colleges of choice when you register for the ACT so that these schools will receive the results directly from ACT.
- Narrow your list of schools to 3-5 colleges and begin applying to these schools as soon as possible. Most schools have an early/priority deadline for their institutional scholarships, and they require that you apply for admission by this date, which can be as early as November!
- Consider using the Common Application. A list of schools that accept the Common Application can be found at <https://www.commonapp.org/>.
  - Create your FSA ID by going online to <https://studentaid.gov/sites/default/files/creating-using-fsaid.pdf> Gather all your tax information (if you work) and your parents' tax information, which will be used to complete the Free Application for Financial for Student Aid (FAFSA), <https://studentaid.ed.gov/sa/fafsa>. Submission begins on **OCTOBER 1**. Do not delay and apply early!
- Create your YOUniversal account on **OCTOBER 1**. This is the application for all the state scholarship programs, including the Arkansas Lottery Scholarship.
- Schedule college visits. As a senior, the district allows you two college visit days.
- **KEEP YOUR GRADES UP!**
- Request that your current transcripts be sent to your chosen colleges. It may take up to two weeks for these to be processed. You might want to request extra transcripts to submit with scholarship applications that require them.
- Check your email on a regular basis! A lot of the communications regarding college applications and scholarships will be done electronically.
- Accept your scholarships by the given deadline! Scholarships that are not accepted by the deadline will be reassigned to other students.
- Submit community service documentation to your campus community service coordinator.
- Request shot records also be sent to your college.

# CONCURRENT COLLEGE CREDIT



Consistent with Act 1097 of 1991, any student in grades 9-12 who enrolls in and successfully completes a course(s) offered by a publicly supported community college, four-year college or university will be entitled to receive both college and high school credit, including credit toward graduation.

The UAFS and Virtual Arkansas requirements for enrolling into the concurrent program can be found on the hyperlink below:

<https://uafs.edu/admissions/concurrent/programs.php>

<https://virtualarkansas.org/concurrent-credit-campus/>

The Peak Innovation Center will provide career pathways and technical education that connect students directly into training and careers in Advanced Manufacturing, Healthcare, Information Technology, Visual Arts, and other in-demand, high skill regional industries. These industries make up the largest percentage of regional output and are vital to the economic sustainability of Western Arkansas. In addition to providing students cutting edge learning environments, instruction, and equipment, the center will act as a flagship for career learning and community engagement. Partnerships with other educational and workforce agencies will ensure that this new learning environment will impact as many learners, student and adult, as possible.

In partnership with the Western Arkansas Technical Center at the University of Arkansas-Fort Smith, the Peak Innovation Center offers concurrent credit classes and multiple industry recognized certifications to high school students in our region. Scheduling will be the same as WATC scheduling, with students spending one half of the school day at Peak and one half at their designated high school. Transportation will be provided.

Approved eleventh and twelfth graders who have demonstrated appropriate interests and aptitudes for health or technical careers and who have established good attendance and discipline records may be eligible to enroll in WATC programs.

High school students who attend WATC enroll in a specific sequence of courses in or related to health occupations or areas of technology. The student's program of study includes courses in a career major as well as related and supporting academic courses that lead to a certificate, an AAS degree or occupational certification. College credit is awarded to students by the

University of Arkansas. Tuition, books, fees, transportation and equipment are provided at no cost to the student. Students must have parental permission and counselor or administrative approval to enroll in the half-day WATC programs. For detailed information about the programs offered, call Western Arkansas Technical Center at 479-788-7713. Students must commit to completing each semester's coursework. Students may not drop any part of the program within the semester. Please refer to the FSPS schedule change procedures for more information.

Program information is available on previous pages of this course catalog by career cluster. The programs that are currently available at WATC are:

Programs Offered at PEAK	Cluster	Information
Emergency Medical Technician	Health Sciences	Page 80
Practical Nursing Program	Health Sciences	Page 80
Certified Nursing Assistant	Health Sciences	Page 80
*Patient Care Technician	Health Sciences	Page 80
Computer Integrated Machining	Advanced Manufacturing and Engineering Technology	Page 83
Electronics Technology	Advanced Manufacturing and Engineering Technology	Page 83
Networking Engineering Technology	Information Technology	Page 88
*Emerging Art and Design	Arts and Communications	Page 91
**Welding	Industrial & Engineering Technology	Page 83

*\*These courses are high school credit only*

*\*\*Welding is offered at UAFS*

These concurrent credit classes are offered free of charge to participating students:

- English Comp I & II
- College Algebra
- Trigonometry
- Probability and Statistics
- General Psychology
- Introduction to Sociology
- Introduction to Speech Communication
- Humanities through the Arts
- US History II
- Introduction to Educational Foundations
- American Literature
- Foundations of Business
- Intro to Philosophy
- Biology
- Macroeconomics
- Microeconomics
- Physical Science
- Introduction to the Criminal Justice System
- Civilizations of the World Since 1500
- Computer Applications for the Knowledge Worker

Concurrent classes will be taught on the Northside and Southside campuses or asynchronously during the student's regular daily schedule. Minimum class enrollment is required. Students will have the opportunity to sign-up for these classes when they select their coursework for the coming school year. At that time, the concurrent provider will be scheduled to teach these classes according to the demand for particular subjects at each high school. Qualifying scores are required to participate in the concurrent courses, please see your counselor.



# VIRTUAL SCHOOL OPTIONS

Fort Smith Virtual Academy (FSVA) is a FSPS District Conversion Charter School. FSVA is designed to provide an equitable, challenging, individualized, technology-based educational experience to equip students with the academic and social skills to embrace their roles in our culturally diverse community and rapidly changing world. The educational process will empower future-focused individuals to engage in service-oriented experiences, develop personal reflection skills, and discover meaningful career paths.

## STAR Academy

FSPS thrilled to offer a truly extraordinary learning experience for students eager to carve their own paths and embrace the journey of education at their own pace. The STAR Academy is not just a program; it is a transformative self-paced learning adventure that empowers students to soar to new heights in their core subjects. Imagine a place where the chains of traditional classroom timing are broken, allowing you to accelerate your learning and redefine what you can achieve.

In the STAR Academy, when students engage with their coursework at an invigorating speed and successfully complete their required classes ahead of schedule, they unlock a treasure trove of opportunities. More time becomes available for diving into career and technical education, enrolling in concurrent courses, tackling Advanced Placement classes, and exploring specialized electives that ignite their passions. Students have the freedom to choose from one core area to a vibrant combination of our four foundational subjects: English, Math, Science, and Social Studies. Here, learning is tailored to each individual, allowing students to progress through the curriculum autonomously or with the personalized support of their dedicated instructors, all at a rhythm that resonates with them. To embark on this exciting journey, students must apply to join this enriching experience. Applications can be obtained from their counselors, and we kindly remind you that seats are limited, ensuring that each student receives the attention and resources they deserve.

# ENGLISH

DESE Course Code	Course Name	Grade	Credit	Weighted Credit	Qualifies As		Location		Smart Core
					English Grad Req	Career Focus	NHS	SHS	
410000	English 9	9	1		√		√	√	√
41010A	PreAP Honors English 9	9	1		√		√	√	√
41000P	PreAP English 9	9	1		√		√	√	√
411000	English 10	10	1		√		√	√	√
41100P	PreAP English 10	10	1		√		√	√	√
412000	English 11	11	1		√		√	√	√
413000	English 12	12	1		√		√	√	√
517040	AP English Literature and Composition	11-12	1	√	√		√	√	√
517030	AP English Language and Composition	11-12	1	√	√		√	√	√
519931	English Composition I Concurrent	11-12	1	√	√		√	√	√
519941	English Composition II Concurrent	11-12	1	√	√		√	√	√
496030	Transitional Literacy Ready	9-12	1			√	√	√	
514001	Introduction to Speech Communications Concurrent	11-12	1	√	√	√	√	√	√
414200	Oral Communications	10-12	0.5		√	√	√	√	√
519932	American Literature Concurrent	12	1	√			√	√	√
559000	Humanities Through the Arts Concurrent	11-12	1	√			√	√	√

## ENGLISH 9 411000

**GRADE 9**



English 9 emphasizes the study of various literary genres including non-fiction, short story, drama, poetry and the novel as well as the writing process. Students' understanding of grammar, mechanics, vocabulary, literary terms, and reading skills will be further developed.

## PREAP ENGLISH 9 410100

**GRADE 9**

This course emphasizes written composition, formal vocabulary, sentence structure, paragraph development, and themes. Mechanics, usage, advanced grammar, and a wide variety of



literature are also part of the course.

**PREAP HONORS ENGLISH 9  
41010A**

**GRADE 9**



In an accelerated and more in-depth approach, this course emphasizes written composition, formal vocabulary, sentence structure, paragraph development, and themes. Mechanics, usage, advanced grammar, and a wide variety of literature are also part of the course.

**ENGLISH 10  
411000**

**GRADE 10**



English 10 emphasizes the study of various literary genres including non-fiction, short story, drama, poetry and the novel as well as the writing process. Students' understanding of grammar, mechanics, vocabulary, literary terms, and reading skills will be further developed. A research paper/project may be required along with various projects implementing use of technology in the classroom. **Students who complete this course successfully will also receive an Oral Communications (.5) credit toward their graduation requirement.**

**PREAP ENGLISH 10  
411100**

**GRADE 10**



PreAP English 10 prepares students for Junior Advanced Placement Language and Composition and meets relevance and rigor standards required of Common Core State Standards (CCSS). During each quarter, one module with a specific theme and essential questions will be thoroughly explored through reading, writing, listening, speaking and language activities. Students will study short stories, a novel, poetry, drama, music, art, and nonfiction and be expected to complete both group and independent work, present projects, engage in research, discuss, publish, and implement technology. Students who complete this course successfully will also receive an Oral Communications (.5) credit toward their graduation requirement.

**ENGLISH 11  
412000**

**GRADE 11**



English 11 includes the study of grammar, mechanics, usage and sentence structure as they relate to expository and persuasive writing. College preparatory vocabulary is stressed. Students are taught analytical skills as they read classics written by American authors. Juniors may complete a research paper or project and use technology to prepare for ACT college entrance exams.



English 12 includes the study of reading, writing, speaking and listening, and language skills. Students will read complex fiction and nonfiction texts with a concentration in British literature; students will write clear, cohesive papers with core emphasis placed on persuasive texts to include a research project with formal MLA citations; students will develop speaking and listening skills that enhance flexible communication and collaboration abilities; students will improve language skills through their study of grammar, usage, mechanics, and extensive vocabulary study.

**AP ENGLISH LITERATURE AND COMPOSITION**  
**517040**

**GRADES 11-12**



AP English Literature and Composition is a college-level course offered in high school; the primary focus is the development of critical thinking, reading and writing skills as preparation for college studies. Following the College Board's guidelines for the course, students complete assignments in preparation for the national AP exam in May. Depending on AP exam results, students may qualify for college credits/hours. Students interested in rigorous, in-depth literary reading and writing are encouraged to enroll. An AP assessment score of 3, 4, or 5 may result in a Comp. I college credit depending upon individual college requirements.

**AP ENGLISH LANGUAGE AND COMPOSITION**  
**517030**

**GRADES 11-12**



AP English Language and Composition is a college-level class offered in high school. Students may qualify for college credit hours based on their AP test performance. Students will read a variety of texts and will learn basic elements of rhetoric: writing with a purpose, addressing and appealing to an audience, creating effective text structures, and appropriate style. An AP assessment score of 3, 4, or 5 may result in a Comp. I college credit depending upon individual college requirements.

**ENGLISH COMPOSITION I CONCURRENT**  
**519931**

**GRADES 11-12**



English Composition I provides basic instruction in writing and analysis of prose. Students use the recursive process to produce a minimum of three essays covering a broad range of topics and progress from personal writing to incorporating and responding to texts.

**ENGLISH COMPOSITION II CONCURRENT**  
**519941**



English Composition II provides instruction in rhetoric, academic research, critical reading, and written analysis of text. Students will use available library databases and other electronic research tools to locate sources; analyze and evaluate sources for audience/purpose; summarize and synthesize source material; make claims and support them using source material; and document sources using proper MLA format.

**TRANSITIONAL LITERACY READY**  
**496030**

**GRADES 9-12**

This course teaches students strategies for reading and understanding specific kinds of complex texts in all subjects — reading a biology textbook, for example, is different than reading short stories or history research articles. Students learn to develop and defend ideas from the text and write about them in different college-level formats.

**INTRODUCTION TO SPEECH COMMUNICATIONS CONCURRENT**  
**514001**

**GRADES 11-12**



Introduces the major areas of human communication, emphasizing public speaking, interpersonal, and small group skills.

**ORAL COMMUNICATIONS**  
**SEMESTER**  
**414200**

**GRADES 10-12**



Students will learn techniques for effective listening and speaking and formal/informal communication.

**AMERICAN LITERATURE CONCURRENT**  
**519932**

**GRADE 12**



Introduces the genres of fiction, non-fiction, poetry and drama via American Literature. Emphasizes critical evaluations of texts within the backdrop of historical and writing conventions of their time. All four genres will be addressed. Writing is required.



An introduction to the arts in Western civilization and their relationship to basic humanistic ideas. In addition to serving as an introduction to music, painting, sculpture, architecture, and literature (drama and poetry), the course explores fundamental principles and ideas of Western culture and how these are expressed in each of the artistic disciplines. Basic writing, research, and computer skills are beneficial.

# MATHEMATICS

DESE Course Code	Course Name	Grade	Credit	Weighted Credit	Qualifies As		Location		Smart Core
					Math Grad Req	Career Focus	NHS	SHS	
430000	Algebra I	8-9	1		√		√	√	√
430300	PreAP Algebra I	8-9	1		√		√	√	√
43030A	PreAP Honors Algebra I	8-9	1		√		√	√	√
431000	Geometry	10-12	1		√		√	√	√
431300	PreAP Geometry	8-12	1		√		√	√	√
432000	Algebra II	10-12	1		√		√	√	√
432300	PreAP Algebra II	10-12	1		√		√	√	√
439070	Algebra III	11-12	1			√	√	√	√
533030	AP Pre-Calculus	11-12	1	√		√	√	√	√
439120	Quantitative Reasoning	11-12	1			√	√	√	√
539901	College Algebra Concurrent	10-12	1	√		√	√	√	√
539902	Trigonometry Concurrent	10-12	1	√		√	√	√	√
539903	Probability and Statistics Concurrent	11-12	1	√		√	√	√	
539030	AP Statistics	11-12	1	√		√	√	√	√
534040	AP Calculus AB	11-12	1	√		√	√	√	√
534050	AP Calculus BC	11-12	1	√		√	√	√	√
439110	Transitional Math Ready	11-12	1			√	√	√	√

## ALGEBRA I 430000

**GRADE 9**



This is a year-long, beginning course in the study of college-preparatory mathematics. Topics include sets, translation of mathematical sentences for problem solving, linear equations, linear inequalities, factoring, graphs, and quadratic equations.

**PREAP ALGEBRA I**  
**430300**

**GRADES 8-9**



This is a full year course in the study of college-preparatory mathematics. The course, more rigorous than Algebra I, is designed for students with advanced mathematics skills. The topics include sets, translation of mathematical sentences for problem solving, linear equations, linear inequalities, factoring, graphs, and quadratic equations.

**PREAP HONORS ALGEBRA I**  
**43030A**

**GRADES 8-9**



In an accelerated and more in-depth approach, this is a full year course in the study of college-preparatory mathematics. The course, more rigorous than Algebra I, is designed for students with advanced mathematics skills. The topics include sets, translation of mathematical sentences for problem solving, linear equations, linear inequalities, factoring, graphs, and quadratic equations.

**GEOMETRY**  
**431000**

**GRADES 10-12**



This course covers the study of basic concepts of Euclidean geometry dealing with points, lines, and planes. Topics include angles, triangles and other polygons, congruence, similarity, introduction to proof, area and volume, ratio and proportion, circles, right triangle trigonometry, and coordinate geometry.

**PREAP GEOMETRY**  
**431300**

**GRADES 9-12**



This course is a study of the structure of Euclidean geometry with emphasis on formal proofs based on properties and relationships of points, lines, planes, circles, and polygons. Topics include angles, triangles and other polygons, congruence, similarity, area and volume, ratio and proportion, right triangle trigonometry, coordinate geometry, and transformational geometry.

**ALGEBRA II**  
**432000**

**GRADES 10-12**



This course is designed for students who wish to study mathematics beyond geometry with less emphasis on theory and proof. Topics include structure of the real number system, linear functions and relations, polynomials, factoring, rational expressions, radicals and irrational numbers, linear systems, quadratic equations, complex numbers, logarithms, sequences and series, and probability.



**PREAP ALGEBRA II**  
**432300**

**GRADES 10-12**



This course consists of the study of systems of real and complex numbers. Emphasis is placed on structure, proof, and precision of language. Topics include linear functions and relations, matrices, polynomials, factoring, rational expressions, radicals and irrational numbers, linear systems, quadratic equations, complex numbers, logarithms, sequences and series, and probability.

**ALGEBRA III**  
**439070**

**GRADES 11-12**



This course is designed for students who have successfully completed Algebra II and need a math background for college but are not yet ready for the rigor of Pre-Calculus. The course will enhance the higher level thinking skills developed in Algebra II through a more in-depth study of Algebra II concepts and exploration of some pre-calculus concepts, which include the study of various functions, modeling, sequences and series and some trigonometry topics.

**QUANTITATIVE REASONING**  
**439120**

**GRADES 11-12**

Emphasis will be placed on applying modeling as the process of choosing and using appropriate mathematics and statistics to analyze, to better understand, and to improve mathematical understanding in real world situations. Students will represent and process their reasoning and conclusions numerically, graphically, symbolically, and verbally. Students will develop conceptual understanding by supporting them in making connections between concepts and applying previously learned material to new contexts.

**COLLEGE ALGEBRA CONCURRENT**  
**539901**

**GRADES 10-12**



This course includes modeling and problem solving using linear, quadratic, polynomial, rational functions, exponential, and logarithmic functions, equations, and inequalities; graphing, systems of equations, and matrices. This course will count as a fourth math.

**TRIGONOMETRY CONCURRENT**  
**539902**

**GRADES 10-12**



The theory of trigonometric and circular functions and the study of their applications are the focus of this course. Topics include graphs, identities, and equations involving trigonometric functions, inverse trigonometric functions, triangles, vectors, polar coordinates, and polar representations of numbers.

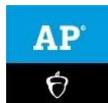
**PROBABILITY AND STATISTICS  
CONCURRENT  
539903**

**GRADES 11-12**

An introductory course in probability and statistics, including statistical terminology, descriptive data, linear regression, probabilities, probability distributions, point and interval estimation, and hypothesis testing.

**AP STATISTICS  
539030**

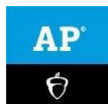
**GRADES 11-12**



This course provides college level work in statistics using a curriculum provided by the College Board and culminates with an Advanced Placement test for college credit. The statistics curriculum includes collecting, analyzing, and drawing conclusions from data as well as probability. Technology and hands-on, practical experience will be utilized throughout the course. Students should have a thorough knowledge of Algebra II.

**AP CALCULUS AB/BC  
534040, 534050**

**GRADES 11-12**



These courses are for students who have a thorough knowledge of college-preparatory mathematics, including Pre-Calculus/Trigonometry. Topics include elementary functions, limits, differential calculus, and integral calculus as defined in the College Board Advanced Placement Course Description.

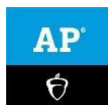
**TRANSITIONAL MATH READY  
439110**

**GRADES 11-12**

This course emphasizes the understanding of math concepts rather than just memorizing procedures. Math Ready students learn the context behind the procedure, e.g., why to use a certain formula or method to solve a problem. This knowledge equips them with higher-order thinking to apply math skills, functions and concepts in different situations.

**AP PRE-CALCULUS  
433000**

**GRADES 9-10**



AP Pre-calculus prepares students for other college-level mathematics and science courses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. The course framework delineates content and skills common to college pre-calculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science.

# SOCIAL STUDIES

DESE Course Code	Course Name	Grade	Credit	Weighted Credit	Qualifies As		Location		Smart Core
					Social Studies Grad Req	Career Focus	NHS	SHS	
471000	World History	10	1		√		√	√	√
571020	AP World History	10	1	√	√		√	√	√
472000	Civics	9-12	0.5		√		√	√	√
474300	Economics with Personal Finance	9-12	0.5		√		√	√	√
579170	AP European History	9-12	1	√		√	√	√	√
470000	U.S. (American) History	11-12	1		√		√	√	√
570020	AP U.S. (American) History	11-12	1	√	√		√	√	√
579001	Current Events	9-12	0.5			√	√	√	√
572040	AP U.S. Government and Politics	9-12	1	√		√	√	√	√
579080	AP Human Geography	9-12	1	√		√	√	√	√
474400	Psychology	9-12	0.5			√	√	√	√
579120	AP Psychology	9-12	1	√		√	√	√	√
579140	AP Microeconomics	9-12	0.5	√	√	√	√	√	√
579901	Psychology Concurrent	11-12	1	√		√	√	√	√
474500	Sociology	9-12	0.5			√	√	√	√
579902	Introduction to Sociology Concurrent	11-12	1	√		√	√	√	√
579920	US History II Concurrent	11-12	1	√	√			√	√
474700	African American History	9-12	.5			√	√	√	√
496010	Community Service Learning	9-12	1			√	√	√	
574001	Microeconomics Concurrent	11-12	1	√			√	√	√
574000	Macroeconomics Concurrent	11-12	1	√			√	√	√
579903	Intro to Philosophy Concurrent	11-12	1	√			√	√	√
494620	Introduction to the Criminal Justice System Concurrent	9-12	1	√			√	√	√
	Civilizations of the World Since 1500 Concurrent	10-12	1	√			√	√	√

**WORLD HISTORY**  
471000

**GRADE 10**



This course provides an in-depth analysis of the human experience beginning with the first global age in 1450, emphasizing an increasingly interconnected world and the common challenges facing contemporary societies.

**AP WORLD HISTORY**  
571020

**GRADE 10**



This course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course is designed for students who wish to complete studies equivalent to an introductory college course in world history.

**CIVICS**  
472000 SEMESTER

**GRADES 9-12**



This course is designed to study the foundations and structure of United States government and the basic rights and responsibilities of citizenship. The role of the individual citizen is emphasized.

**ECONOMICS WITH PERSONAL FINANCE**  
474300 SEMESTER

**GRADES 9-12**



Economics is a one-semester course that emphasizes economic fundamentals, microeconomics, macroeconomics, and personal financial management. Students will explore the interrelationships among the roles played by consumers, producers, capital, land, and labor as well as the interrelationships among economic, political, and social lives.

**AP EUROPEAN HISTORY**  
579170

**GRADES 9-12**



Focusing upon European history from 1450 to the present, the course includes an examination of the diplomatic, political, intellectual, cultural, social, and economic history of Europe through which students are able to develop their analytical, research, and writing skills.

**U.S. (AMERICAN) HISTORY**  
470000

**GRADES 11-12**



This course is a comprehensive study of the development of the United States since 1890, including a thorough examination of the country's emergence as a global influence with 21st century challenges.

**AP U.S. (AMERICAN) HISTORY**  
570020

**GRADES 11-12**



While encompassing the same chronology as the American (U.S.) History course, this course includes discussion and written work that exposes students to a more rigorous level of scholarship. It also helps further develop those skills necessary for successful college performance such as note taking, critical thinking, and discerning historical significance.

**CURRENT EVENTS**  
579001 SEMESTER

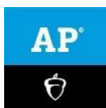
**GRADES 9-12**



The course addresses the effects and impacts of current economic, political and social events. Class discussion emphasizes causes (historical, context), immediate concerns, peripheral effects and potential implications.

**AP U.S. GOVERNMENT AND POLITICS**  
572040

**GRADES 9-12**



This course focuses on the foundations of the Constitution and its relationship to democratic theory. Factors influencing political beliefs and actions of parties, interest groups and individuals as well as the role of government institutions in formulating public policy are also examined.

Analytical reasoning and writing skills are developed in preparation for the Advanced Placement examination. This course functions as a civics credit toward graduation requirements.

**AP HUMAN GEOGRAPHY**  
579080

**GRADES 9-12**



The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the earth's surface. Students employ spatial concepts and landscape analysis to examine socio economic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012). Students should be able to read college-level texts and apply the conventions of Standard Written English in their writing.

**PSYCHOLOGY**  
474400 SEMESTER

**GRADES 9-12**



This course is an introduction to the field of psychology, the scientific study of human and animal behavior and includes an overview of each of the major subfields in psychology.

**AP PSYCHOLOGY**  
**579120**

**GRADES 9-12**



This course is equivalent to most college level introductory psychology courses and will introduce the student to the systematic and scientific study of human and animal behavior. Areas of study will include origins, research methods, physiological, sensation/perception, motivation, emotion, development, learning, memory, cognition, personality/testing, disorders, therapy, and social psychology. Students will develop their critical thinking, research and writing skills.

**AP MICROECONOMICS**  
**579140 SEMESTER**

**GRADES 9-12**



AP Microeconomics is an introductory college-level course that focuses on the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. This course meets the graduation requirements for Economics.

**PSYCHOLOGY CONCURRENT**  
**579901**

**GRADES 11-12**



This course is an introduction to basic principles and theories of human behavior. Students will investigate the biological bases of human behavior, learning and memory, perception, human development across the life-span, personality, motivation and emotions.

**SOCIOLOGY**  
**474500 SEMESTER**

**GRADES 9-12**



Sociology is the scientific study of human interaction and relationships. The course includes instruction in the process of socialization, roles, structure of society, groups, and social stratification. Students study race, ethnic relations, and issues within families, education, and religion.

**INTRODUCTION TO SOCIOLOGY CONCURRENT**  
**579902**

**GRADES 11-12**



This course provides the analysis, within a sociological context, of the emergence of the "society" and its "culture" as well as the prevailing social processes. The basic principles of socialization, social class stratification, and the emergence of the primary social institutions within our culture will be investigated.

**U.S. HISTORY II CONCURRENT**  
**579920**

**GRADES 11-12**

United States History II is a continuation of United States history from 1877 to the present.

**AFRICAN AMERICAN HISTORY  
474700 SEMESTER**

**GRADES 9-12**

This course is designed to assist students in understanding issues and events from multiple perspectives. This course develops an understanding of the historical roots of African American culture, especially as it pertains to social, economic, and political interactions within the broader context of United States history.

**COMMUNITY SERVICE LEADERSHIP  
496010**

**GRADES 9-12**

Community Service Learning allows students the opportunity to receive 1 credit for completing 75 total hours of certified community service during the 9<sup>th</sup>-12<sup>th</sup> grade years. Evidence of preparation, action and reflection must be documented in order to receive the Community Service Learning credit. The students will document their hours in x2vol and communicate with school personnel for final approval of credit.

**INTRO TO PHILOSOPHY  
579903**

**GRADES 11-12**



Survey of history and fundamental issues of philosophy in Western Civilization.

**MICROECONOMICS  
574001**

**GRADES 11-12**



Examines the interaction of demand and supply in determining market price and output. Explores preferences, utility, consumer choice, elasticities, production, costs, and efficiency. Emphasizes manager decision making in the presence of various market structures including perfect competition, monopolistic competition, oligopoly, and monopoly. Overviews economic rationale of anti-trust policy.

**MACROECONOMICS  
574000**

**GRADES 11-12**



Introduction to macroeconomic theory, the study of national and world economies. Examines the interaction of households, businesses, and governments (domestic and foreign) in determining economic output and overall standard of living. Explores how inflation, unemployment, investment, interest rates, trade, exchange rates, taxes, national debt, and fiscal and monetary policy affect society. Emphasizes students' economic roles as consumers, workers, investors, and citizens.

**INTRODUCTION TO CRIMINAL JUSTICE  
494620**

**GRADES 9-12**



This course provides the historical background of the agencies that compose the criminal justice system. It focuses on the development of justice and law, crime and punishment, the administration of laws, the agencies' functions, career orientation, and public relations.



Learning Objectives for the course include differentiating the major world civilizations since 1500. Students will also identify the key political and cultural figures in the development of modern nations. Students will learn about ways in which nations developed diverse economic, political, and social structures as well as examine differences between the major powers that led to conflict.



# SCIENCE

DESE Course Code	Course Name	Grade	Credit	Weighted Credit	Qualifications As		Location		Smart Core
					Science Grad Req	Career Focus	NHS	SHS	
423000	Physical Science Integrated	8-9	1		√		√	√	√
420000	Biology Integrated	10	1		√		√	√	√
420100	PreAP Biology Integrated	9-10	1		√		√	√	√
42010A	PreAP Honors Biology Integrated	9-10	1		√		√	√	√
520030	AP Biology	9-12	1	√	√	√	√	√	√
421000	Chemistry I Integrated	10-12	1		√	√	√	√	√
421300	PreAP Chemistry I Integrated	9-12	1		√	√	√	√	√
521030	AP Chemistry	10-12	1	√	√	√	√	√	√
422010	Physics	10-12	1		√	√	√	√	√
522080	AP Physics 1	10-12	1	√	√	√	√	√	√
522090	AP Physics 2	10-12	1	√	√	√	√	√	√
424020	Environmental Science	10-12	1		√	√	√	√	√
523030	AP Environmental Science	10-12	1	√	√	√	√	√	√
424030	Anatomy and Physiology	10-12	1		√	√	√	√	√
529901	Biology Concurrent	11-12	1	√			√	√	√
529920	Physical Science Concurrent	11-12	1	√			√	√	√

## PHYSICAL SCIENCE INTEGRATED 423000

**GRADE 8-9**



Physical science is a study of matter and energy and their relationships. Students develop an understanding for matter and the everyday application of physical science principles. Topics include measurement and motion, patterns, and changes in matter, light and sound, and energy resources.

## BIOLOGY INTEGRATED 420000

**GRADE 10**



Biology is a study of organisms from simple through complex forms. This class includes the use of the microscope, dissection, and laboratory experiments. The nature of pathogenic organisms and the diseases they produce will also be covered.

**PREAP BIOLOGY INTEGRATED**  
**420100**

**GRADES 8-10**



This is an intensive course designed to enhance the knowledge, lab skills, and study habits needed to be successful in any first-year college biology course. The course, more rigorous than Biology Integrated, is a study of organisms from simple through complex forms and includes the use of the microscope, dissection, and laboratory experiments. The nature of pathogenic organisms and the diseases they produce will also be included.

**PREAP HONORS BIOLOGY INTEGRATED**  
**42010A**

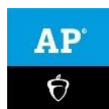
**GRADES 8-10**



In an accelerated and more in-depth approach, this intensive course is designed to enhance the knowledge, lab skills, and study habits needed to be successful in any first-year college biology course. The course, more rigorous than Biology Integrated, is a study of organisms from simple through complex forms and includes the use of the microscope, dissection, and laboratory experiments. The nature of pathogenic organisms and the diseases they produce will also be included.

**AP BIOLOGY**  
**520030**

**GRADES 9-12**



This course is comparable to college level general biology. Course content includes cellular biochemistry, bioenergetics, molecular genetics, evolution, ecology and the structure and function of DNA and RNA.

**CHEMISTRY I INTEGRATED**  
**421000**

**GRADES 10-12**



This college preparatory course develops an understanding of the basic concepts underlying the principles of chemistry. Examples of chemical behavior are explored in the laboratory, and information is provided which enables students to better understand and appreciate the environment.

**PREAP CHEMISTRY I INTEGRATED**  
**421300**

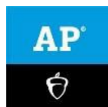
**GRADES 9-12**



Chemistry is the study, in the classroom and laboratory, of matter and the changes it undergoes. This course is designed as a preparation for AP Chemistry or first-year college chemistry, and it covers more concepts and is faster-paced than Chemistry I Integrated.

**AP CHEMISTRY**  
**521030**

**GRADES 10-12**



This course is the equivalent of freshman chemistry in college. Lab work is emphasized with experimentation utilizing volumetric glassware and modern instrumentation. Chemical kinetics, equilibrium, thermodynamics, and atomic and molecular theory and structure will be considered in depth.

**PHYSICS**  
**422010**

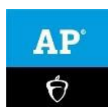
**GRADES 10-12**



In this course, students learn essential concepts of physics through demonstrations, laboratory work, and discussion. Careful gathering and analysis of quantitative data is stressed. Some of the topics covered in this course are mechanics, electricity and magnetism, sound and light.

**AP PHYSICS 1**  
**522080**

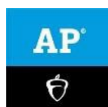
**GRADES 10-12**



This course is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound; and introductory electric circuits. It is recommended that students have completed Algebra II before enrolling in this course.

**AP PHYSICS 2**  
**522090**

**GRADES 10-12**



This course is equivalent to a second-semester college course in algebra-based physics and covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics.

**ENVIRONMENTAL SCIENCE**  
**424020**

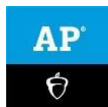
**GRADES 10-12**



Environmental Science (with lab) provides a study of the nature of life science; the interrelationships among living things and their environment, cycles, ecosystems, and populations; and natural and man-made systems and their problems and solutions.

**AP ENVIRONMENTAL SCIENCE**  
**523030**

**GRADES 10-12**



The goal of AP Environmental Science is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world; to identify and analyze environmental problems both natural and human-made; to evaluate the relative risks associated with these problems; and to examine alternative solutions for resolving and/or preventing them.

**ANATOMY AND PHYSIOLOGY**  
**424030**

**GRADES 10-12**



Human anatomy and physiology is the study of the structure and function of the human body organ systems. Students who plan to enter any of the medical fields should consider taking this course.

**BIOLOGY CONCURRENT**  
**529901**

**GRADES 11-12**



General principles of biology and their relationship to society. A scientific focus is used to examine the maintenance of living systems and the interrelationship among living systems and the biosphere. Topics include ecology, genetics, evolution, the diversity and unity of life, molecular and cellular biology.

**PHYSICAL SCIENCE CONCURRENT**  
**529920**

**GRADES 11-12**



Presents the facts, methods, and significance of the physical sciences by concentration on selected topics from physics, chemistry, and astronomy.

**OCEANOGRAPHY**  
**529920**

**GRADES 11-12**



Presents the facts, methods, and significance of the physical sciences by concentration on selected topics from physics, chemistry, and astronomy.

# DEBATE, JOURNALISM, & YEARBOOK

## DEBATE I 414050

GRADES 9-12



Research, analysis, critical thinking, and persuasive speaking skills are an essential part of this course, for which competitive spirit, excellent work ethic, and self-motivation are advantageous. All students enrolled in this course must have a 2.0 GPA in the previous semester to meet the eligibility requirements of the Arkansas Activities Association. Tournament participation is required. This course provides an Oral Communications credit for graduation.

## DEBATE II 414060

GRADES 10-12



Research, analysis, critical thinking, and persuasive speaking skills are an essential part of this course, for which competitive spirit, excellent work ethic, and self-motivation are advantageous. All students enrolled in this course must have a 2.0 GPA in the previous semester to meet the eligibility requirements of the Arkansas Activities Association. Tournament participation is required.

## DEBATE III 414070

GRADES 11-12



Research, analysis, critical thinking, and persuasive speaking skills are an essential part of this course, for which competitive spirit, excellent work ethic, and self-motivation are advantageous. All students enrolled in this course must have a 2.0 GPA in the previous semester to meet the eligibility requirements of the Arkansas Activities Association. Tournament participation is required.

## JOURNALISM I 415000

GRADES 8-12



Students learn the rules of writing for print and online media. The course includes a general introduction to the entire field of journalism and previews career opportunities.

## JOURNALISM II 415010

GRADES 9-12

This course offers intensive training in effective writing, and students in the class form the staff of the school newspaper. Facilities are available for training in photography.

## JOURNALISM III, IV, V 415020, 415030, 615001

GRADES 10-12

Journalism III, IV, and V are advanced laboratory courses in which writing experience and leadership training are emphasized in conjunction with publishing the school newspaper. Facilities for training in photography and desktop publishing are available.

These courses introduce the basics of yearbook design, copy writing and photography. Production of the publication provides practical experience in the use of desktop publishing to produce camera-ready material. Facilities are available for training in photography production.

# FINE ARTS: THEATRE & VISUAL ARTS

## **MUSIC APPRECIATION 453030 SEMESTER**

**GRADES 9-12**

Music Appreciation is a one-semester course designed to teach students the basic elements, principles, processes, materials, and inherent qualities of music. Students will examine a broad range of methods and will conduct critical analyses of the creative processes involved in music. Students will reflect on the connections between society and music. Music Appreciation students will develop perceptual awareness and aesthetic sensitivity as well as a foundation for a lifelong relationship with music.

## **THEATRE APPRECIATION 453130 SEMESTER**

**GRADES 9-12**

Students will develop an understanding of basic theatre skills and the history of the theatre, analyze and evaluate artistic work, and discover connections between theatrical works and societal, cultural, and historical contexts.

## **THEATRE I-IV 459100, 459110, 459120, 459130**

**GRADES 9-12**

Theatre I is a two-semester course in which students master both academic and performance skills in the art of drama and theatrical production. They are introduced to improvisation, expressive movement, analysis of scripts and characters, acting, and stagecraft. Students will evaluate and critique both written and performed works and make connections between theatre, other art forms, and other cultures. Theatre II and III expand the knowledge and performance base of Theatre I. Theatre IV is a two-semester course that guides students to master the skills required to direct drama/theatre experiences.

## **TECHNICAL THEATRE I-IV 459240, 459250, 459260, 459270**

**GRADES 9-12**

Technical Theatre I is a two-semester course which provides students with exposure to and/or experience in all elements of technical theatre, including scenery, props, lighting, sound, costume, and makeup. Technical Theatre II is a two-semester course which allows students to advance their skills in all elements of technical theatre through practical experience, with new instruction in design. Technical Theatre III is a two-semester course which allows students to deepen their understanding and advance their skills in one specialized area of technical theatre, which could include scenery, props, lighting, sound, costume, and/or makeup. Technical Theatre IV focuses on leadership skills required to provide technical direction to a collaborative production staff. All levels of Technical Theatre focus on the artistic processes of creating, performing, responding, and connecting.

**VISUAL ART APPRECIATION  
453100 SEMESTER**

**GRADES 9-12**

Visual Art Appreciation is a one-semester course designed to develop perceptual awareness and aesthetic sensitivity, as well as a foundation for a lifelong relationship with the arts. Students will learn the elements of art and principles of design; explore the basic processes, materials, and inherent qualities of visual art; examine a broad range of methods; conduct critical analyses of the creative processes involved in the various art forms; and reflect on the connections between society and visual art.

**VISUAL ART FOUNDATION I, II, III, IV  
450000, 450030, 450040, 450050**

**GRADES 9-12**

Visual Art Foundations I-IV are two-semester courses designed to teach students to apply the elements of art and the principles of design. Students will use a variety of media, techniques, processes, and tools to create original artwork that demonstrates understanding of aesthetic concerns and complex compositions. These basic concepts are introduced at the Visual Art Foundations I level. As students progress through each course, they will develop, expand, and increase real life application of problem solving through artistic maturation. Students will create, critique, reflect, and make connections to art. Students will exhibit original artwork and develop portfolios that reflect their personal growth.

**SCULPTURE  
450600**

**GRADES 10-12**

Sculpture is a two-semester course designed to teach students to apply the elements of art and the principles of design. Students are expected to use a variety of media, techniques, processes, and tools to create original sculpture that demonstrates understanding of aesthetic concerns and complex compositions. These basic concepts are introduced at the Visual Art Foundations level. As students progress through each course, they will develop, expand, and increase their real life application of problem solving through maturation. Students will create, critique, reflect, and make connections to sculpture. Students will exhibit original sculpture and develop portfolios that reflect their personal growth.

**STUDIO ART 2-D  
450080 SEMESTER**

**GRADES 10-12**

Studio Art 2-D is a one-semester course designed for students who have successfully completed Visual Art Foundations. Studio Art 2-D is a course in which students further explore, apply, and move toward mastery of the elements of art and principles of design in specific areas of art, such as painting, drawing, printmaking, digital art, photography, mixed media, surface design, or other 2-D media. Student art will demonstrate evidence of complex problem-solving skills, higher order thinking, risk taking, imagination, and innovation. Students will exhibit art and will assemble portfolios that reflect personal growth in media, techniques, processes, and tools used to create complex 2-D compositions. Student compositions will cover a breadth of media and subject matter and will demonstrate successful completion of Studio Art 2-D student learning expectations.



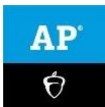
**STUDIO ART 3-D  
450090 SEMESTER**

**GRADES 10-12**

Studio Art 3-D is a one-semester course designed for students who have successfully completed Visual Art Foundations. Studio Art 3-D is a course in which students further explore, apply, and move toward mastery of the elements of art and principles of design in specific areas of art, such as ceramics, jewelry, mosaics, fiber arts, sculptures, mixed media, altered books, or other 3-D media. Student art will demonstrate evidence of complex problem-solving skills, higher order thinking, risk taking, imagination, and innovation. Students will exhibit art and will assemble portfolios that reflect personal growth in the media, techniques, process, and tools used to create complex 3-D compositions. Student compositions will cover a breadth of media and subject matter and will demonstrate successful completion of Studio Art 3-D student learning expectations.

**AP STUDIO ART DRAWING PORTFOLIO  
559040**

**GRADES 10-12**



The AP Studio Drawing Portfolio course is designed for students who are seriously interested in the practical experience of art and wish to develop mastery in the concept, composition, and execution of their ideas.

**AP STUDIO ART 2D DESIGN PORTFOLIO  
559050**

**GRADES 10-12**



AP Studio Art is designed for the serious art student whose goal is the development of proficiency in the concept, composition, and execution of their artistic expression. Students will be given the opportunity to compare their work to other high school students on a national scale.

**AP STUDIO ART 3D DESIGN PORTFOLIO  
559060**

**GRADES 10-12**



The AP Studio Art 3D Design Portfolio course is designed for students who are seriously interested in the experience of art and wish to develop mastery in the concept, composition and execution of their ideas.

**HUMANITIES THROUGH THE ARTS CONCURRENT  
559000**

**GRADES 11-12**

An introduction to the arts in Western civilization and their relationship to basic humanistic ideas. In addition to serving as an introduction to music, painting, sculpture, architecture, and literature (drama and poetry), the course explores the fundamental principles and ideas of Western culture and how these are expressed in each of the artistic disciplines. Basic writing, research, and computer skills are beneficial.

# FINE ARTS: MUSIC

## **BAND I, II, III, IV**

**451000, 451040, 451050, 451060**

**GRADES 9-12**

Band students are selected by audition or recommendation of the director. Students enrolling in Band II, III, or IV must have successfully completed the previous year in band and must have demonstrated a minimum proficiency for their respective instrument. Those enrolled in Band are required to participate in all scheduled public performances, parades, contests, and festivals. NOTE: 1 unit of Marching Band may count as a physical education unit.

## **JAZZ BAND I, II, III, IV**

**451200, 451210, 451220, 451230**

**GRADES 9-12**

The Jazz Methods course teaches students to improvise as a soloist, play together in jazz combos, make musical decisions, and tap into their own creativity to transform jazz standards into their own interpretations. As a part of the class, the students will have opportunities to perform throughout the year with their classmates both at school and in the community. Jazz methods class is open to all students, including those not currently in band. Students not currently in band or orchestra must be proficient on at least one instrument and have teacher approval.

## **ORCHESTRA**

**451100, 451110, 451120, 451130**

**GRADES 9-12**

A prerequisite for student participation is one or more years of previous training in violin, viola, cello, or string bass.

## **VOCAL MUSIC I, II, III, IV**

**452000, 452040, 452050, 452060**

**GRADES 9-12**

This class is available to all students who enjoy music. This course may include the singing of three and four-part literature with emphasis on interpretation and improvement of vocal production and music reading ability.

## **SPECIALIZED VOCAL ENSEMBLE II, III, IV**

**452080, 452090, 452100**

**GRADES 10-12**

Students who are enrolled in mixed chorus are eligible to audition for this group which participates frequently in community activities. The course of study includes various periods of music history.

## **AP MUSIC THEORY**

**559010**

**GRADES 9-12**



Music Theory is a rigorous course designed to expand and enhance the skills of the serious high school musician. This course prepares students for a career or college major in music and the AP Music Theory exam. Study ranges from scales and key signatures to the study of harmonic organization and analysis. Written exercises, sight-singing, and ear training form the basis of instruction.

# PHYSICAL EDUCATION & HEALTH AND SAFETY

## PERSONAL FITNESS FOR LIFE 485010 SEMESTER

GRADES 8-12

Physical Education courses provide an extensive array of physical activities for every student. These activities develop each student's skill, interest, and appreciation for life-long learning, activity, and recreation. Athletic options are available for PE credit for 9-12 grades and listed below.

## HEALTH AND WELLNESS 480000 SEMESTER

GRADES 8-12

This course emphasizes the understanding and prevention of disease. It creates an awareness of special health problems and the medical effects of a socially changing climate. It encourages students to develop strong minds and bodies through positive behavioral changes and good health habits.

**Coaches determine placements after tryouts.**

Physical Education courses may meet in off-campus locations.

Course	Course Name
48504E	Wrestling
48504G	Cheerleading
48504H	Drill Team
48504I	Baseball
48504J	Basketball Female
48504K	Basketball Male
48504L	Cross Country (.5 credit)
48504M	Football
48504O	Golf Female (.5 credit)
48504P	Golf Male (.5 credit)
48504R	Soccer Female
48504S	Soccer Male
48504T	Softball
48504U	Swimming
48504V	Tennis
48504W	Track Female
48504X	Track Male
48504Y	Volleyball

All courses are one semester. Students will also take an off season if needed.

# WORLD LANGUAGES

**FRENCH I**  
**441000**

**GRADES 9-12**



This course is designed to introduce the student to the basics of the language, history, culture, and countries of the French speaking peoples around the world. The focus is on the acquisition of basic grammar and vocabulary with an emphasis on the student's ability to comprehend and successfully use the language in real-world situations, including being able to communicate through reading and writing.

**FRENCH II**  
**441010**

**GRADES 10-12**



This course is designed to further a student's ability to communicate and comprehend the language. Further emphasis is placed on speaking, vocabulary, and a deeper study of French culture.

**FRENCH III**  
**441030**

**GRADES 10-12**



This course is designed to further a student's ability to communicate and comprehend the language. Further emphasis is placed on speaking, vocabulary, and a deeper study of French culture. Students will practice skills according to the AP format in grammar, vocabulary, literature, communication, and French speaking cultures.

**AP FRENCH**  
**541060**

**GRADES 11-12**



AP French Language and Culture is equivalent to an intermediate level college course in French. Students cultivate their understanding of French language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and global challenges.

**GERMAN I**  
**442000**

**GRADES 9-12**



This course is designed to introduce the student to the basics of the language, history, geography, and culture of German-speaking countries. The focus is on the acquisition of basic grammar and vocabulary with an emphasis on the student's ability to comprehend and successfully use the language in real-world situations, including being able to communicate through speaking and writing.

**GERMAN II  
442010**

**GRADES 10-12**



This course is designed to further a student's ability to communicate and comprehend the language. Further emphasis is placed on reading, writing, speaking, and understanding a broader vocabulary and a deeper study of grammar. The culture and history of German-speaking people are also explored to a greater extent through group and independent projects, the study and tasting of foods, film, and research of specific topics.

**GERMAN III  
442030**

**GRADES 11-12**



The course will emphasize a deep understanding and appreciation of both the language and the German culture through intensive study of grammar, vocabulary, literature, and film. Students will be expected to successfully communicate in German in real-world situations using oral and writing skills. Students will be expected to complete research projects covering specific topics relating to either the history or culture of German-speaking peoples.

**SPANISH FOR HERITAGE AND NATIVE SPEAKERS I  
540100**

**GRADES 9-12**



This course is specifically designed to meet the communicative needs of first and second generation Spanish-speaking students. Emphasis is placed on developing skills in Spanish beyond their particular region of origin in phonetics, grammar, spelling, reading, writing, and vocabulary.

**SPANISH FOR HERITAGE AND NATIVE  
SPEAKERS II  
540110**

**GRADES 10-12**



This course is designed for students who hear Spanish spoken at home, who speak and understand it fairly well at normal speeds, but whose skills are somewhat limited when it comes to reading and writing in Spanish. Emphasis is placed on developing fundamental literacy skills such as reading, writing, and vocabulary development beyond their particular region of origin. Students will learn the structure of the language including: phonetics, grammar, spelling including accents and diacritical marks, reading, and writing.

**SPANISH FOR HERITAGE AND NATIVE  
SPEAKERS III  
540120**

**GRADES 10-12**



This course is designed for any native Spanish speaker or second language student with native fluency who wishes to improve his/her ability to read, write, speak, and understand Spanish. Emphasis will be placed on reading and writing with a focus on literature from the Spanish-speaking world. Students will continue to improve their comprehension skills, understanding of literary elements, and writing and reading strategies.

**SPANISH I**  
**440000**

**GRADES 9-12**



This course is designed to introduce the student to the basics of the language, history, culture, and countries of the Spanish speaking peoples of the world, with an emphasis on the student's ability to comprehend and successfully use the language in real-world situations.

**SPANISH II**  
**440020**

**GRADES 10-12**



This course is a continuation of Spanish I with continued development of reading, writing, speaking, and listening skills. Students will increase their knowledge of vocabulary and grammar concepts. Students will continue to study cultural and historical aspects of the various Spanish-speaking countries.

**SPANISH III**  
**440030**

**GRADES 11-12**



Students will learn to communicate in Spanish in school and community settings and demonstrate use of Spanish for personal enjoyment and enrichment. This class includes college preparatory materials and will be conducted in Spanish most of the time. A greater emphasis will be placed on reading and writing skills, as well as listening and speaking in a variety of situations.

**AP SPANISH LANGUAGE**  
**540070**

**GRADES 9-12**



This course is designed for advanced students and native Spanish speakers who wish to continue to improve their language proficiency and to study the Spanish language and its cultures. Students will practice literacy skills including listening, speaking, reading, and writing. This is a College Board-approved course to prepare advanced students to take the AP Spanish Language Exam and university CLEP tests. University-level materials and examination preparation materials will be used in addition to authentic materials created for native speakers of Spanish. This class will be conducted primarily in Spanish. All students are expected to take the AP Exam as a part of this course.

**CONVERSATIONAL SPANISH**  
**549001**




























**GRADES 10-12**



In this course students improve their conversational fluency by practicing the language in a variety of real-life scenarios. This is an advanced class designed for students who have a working knowledge of the grammar structure of Spanish including the use of past, present and future tenses, and the subjunctive mood. Students in this course have the opportunity to earn a Biliteracy Certification which will be marked with a seal on their transcript.

# Career and Technical Education

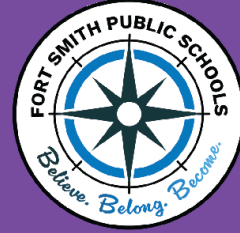


	Peak	NHS	SHS
<b>Advanced Manufacturing &amp; Engineering Technology</b>			
Design for Manufacturing			
Principles of Advanced Manufacturing			
Skilled Trades: Construction			
<b>Programs of Study:</b>			
Construction Technology			
Computer Integrated Machining			
Electronics Technology/ Robotics & Automation			
Welding (UAFS Campus)			
<b>Arts &amp; Communications</b>			
Digital Cinema Productions 1, 2, 3, & Lab			
Digital Commercial Photography 1, 2, 3, & Lab			
Media Communication			
<b>Program of Study:</b>			
Emerging Art & Design / Photography			
<b>Business Management &amp; Marketing</b>			
Advanced Databased Applications			
Advanced Spreadsheet Applications			
Computerized Accounting 1 & 2			
Digital Marketing			
Intro to Supply Chain and Logistics			
Management			
Marketing Business Enterprise			
Markets and Analytics			
Personal Finance			
Small Business Operations			
Survey of Business			



	Peak	NHS	SHS
<b>Health Sciences</b>			
Foundations of Healthcare			
Medical Terminology			
Principles of Sports Medicine			
Sports Medicine Injury Assessment			
<b>Programs of Study:</b>			
Certified Nursing Assistant (CNA)			
Emergency Medical Technician (EMT)			
Patient Care Technician (PCT)			
License Practical Nurse (LPN)			
<b>Human Services</b>			
Advanced Fashion and Interior Design			
Army JROTC Levels I-IV			
Child Growth and Development			
Dynamics of Human Relationships			
Education Technology			
Family and Consumer Science			
Fashion and Interior Design			
Food Safety and Nutrition			
Introduction to Education			
Life and Fitness Nutrition			
<b>Information Technology</b>			
AP Computer Science			
AP Computer Science Principles Level 1 & 2			
Computer Science Independent Study			
Computer Science Programming 1, 2, & 3			
Mobile Applications Development 1, 2, & 3			
Principles of Technology			
<b>Programs of Study:</b>			
Network Engineering Technology			

# Arts & Communication



## Do You...

dream about being a TV or radio personality, or being a social media influencer?

have a passion for expressing yourself and being creative?

desire to be a photographer who travels capturing images of news, sports & nature?

## Jump-start your success with Career & Technical Education



OCCUPATION	EDUCATION	SALARIES (Entry/Median)
Broadcast Technician	Associate's Degree	\$20,570/\$39,060
Camera Operator	Associate's Degree	\$23,130/\$36,220
General & Operations Manager	Bachelor's Degree	\$24,150/\$65,810
Graphic Designer	Bachelor's Degree	\$28,560/\$48,700
Photographer	High School Diploma	\$18,820/\$28,250
Radio & TV Announcer	Bachelor's Degree	\$18,010/\$19,420
Art Curator	Bachelor's Degree	\$44,100/\$59,318

# CAREER PROGRAMS

# Arts & Communication

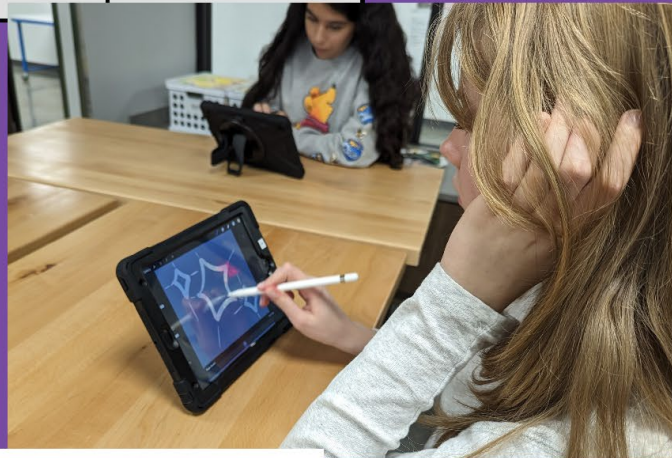
Career Pathway <i>(must be taken in sequential order)</i>	Level 1 9th or 10th grade	Level 2 10th or 11th grade	Level 3 11th or 12th grade	Additional Electives
<b>Digital Cinema Productions</b>	Media Communications <i>(Required)</i>	Digital Cinema Productions 1	Digital Cinema Productions 2	Digital Cinema 3 Digital Cinema Lab Business Electives Career Practicum
<b>PEAK Emerging Arts and Photography Design</b>	Visual Art 1 <i>(Recommended)</i>	PEAK 3-Year Program 10th, 11th and 12th (High School Credit)		AP Drawing Portfolio AP Studio 2D AP Studio 3D

## CREDENTIALS

Adobe Premier

Adobe Photoshop

Microsoft Office



# Advanced Manufacturing



## Do You...

dream about ways to make products and processes better?

have a desire to build things or work with your hands?

have a passion for technology and all aspects of a high-tech, fast-paced society?

## Jump-start your success with Career & Technical Education



OCCUPATION	EDUCATION	SALARIES (Entry/Median)
Electronics Technician	Associate's Degree	\$53,820/\$61,040
Machinist	High School Diploma/ Associate's Degree	\$37,340/\$45,790
Welder	High School Diploma/ Associate's Degree	\$40,000/\$65,000
Carpenter	High School Diploma	\$31,700/\$36,810
Construction Manager	Bachelor's Degree	\$41,870/\$78,220
Electrician	High School Diploma/ Associate's Degree	\$30,150/\$48,840
Electronics Engineering	Bachelor's Degree	\$57,760/\$82,310

# CAREER PROGRAMS

# Advanced Manufacturing

Career Pathway <i>(must be taken in sequential order)</i>	Level 1 9th or 10th grade	Level 2 10th or 11th grade	Level 3 11th or 12th grade	Additional Electives
<b>Advanced Manufacturing</b>	Principles of Advanced Manufacturing (Required)	Design for Manufacturing	Manufacturing Production Processes	Physics AP Physics AP Environmental Science AP PreCalculus Career Practicum
<b>PEAK Construction</b>	Skilled Trades Construction (Required)	PEAK 2 Year Program 11th and 12th (High School Credit)		
<b>PEAK Computer Integrated Machining</b>	Principles of Advanced Manufacturing (Recommended)	PEAK 2 Year Program 11th and 12th (Concurrent Credit)		
<b>PEAK Electronics Technology</b>	Principles of Advanced Manufacturing (Recommended)	PEAK 2 Year Program 11th and 12th (Concurrent Credit)		
<b>WATC Welding</b>	Principles of Advanced Manufacturing (Recommended)	WATC 2 Year Program 11th and 12th (Concurrent Credit @ UAFS campus)		

## CREDENTIALS

OSHA 10	NCCER	NIMS	American Welding Society	NOCTI	Fusion 260
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# Health Sciences



## Do You...

have a desire to provide care for others?

dream of working in the field of health care?

have a passion to be in a high tech environment, use scientific research, or find a cure for disease?

## Jump-start your success with Career & Technical Education



OCCUPATION	EDUCATION	SALARIES (Entry/Median)
Athletic Trainer	Bachelor's Degree	\$43,210/\$52,090
EMR/EMT	Certificate/ Associate's Degree	\$29,710/\$34,700
Paramedic	Associate's Degree	\$44,200/\$51,710
Licensed Practical Nurse (LPN)	Certificate/Associate's Degree	\$42,010/\$49,330
Medical Doctor	Doctorate	\$59,410/\$173,310
Occupational Therapist	Master's Degree	\$59,650/\$95,230
Patient Care Technician/Certified Nursing Assistant	Certificate/ Associate's Degree	\$28,160/\$30,530

## CAREER PROGRAMS

## Health Science

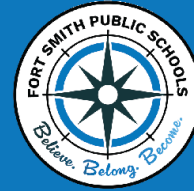
Career Pathway <i>(must be taken in sequential order)</i>	Level 1 9th or 10th grade	Level 2 10th or 11th grade	Level 3 11th or 12th grade	Additional Electives
<b>Sports Medicine</b>	Foundations of Health Care (Required)	Principles of Sports Medicine	Sports Medicine Injury Assessment	Anatomy & Physiology  AP Biology
<b>PEAK Patient Care Tech (PCT)</b>	Foundations of Health Care (Required)	Medical Terminology	PEAK 1 Year Program 11th or 12th <i>(High School Credit)</i>	AP Chemistry  AP PreCalculus
<b>PEAK Emergency Medical Technician (EMT)</b>	Foundations of Health Care <i>(Recommended)</i>	PEAK 2 Year Program 11th and 12th <i>(Concurrent Credit)</i>		Concurrent Credit General Education  Career Practicum
<b>PEAK Certified Nursing Assisang (CNA)</b>	Foundations of Health Care <i>(Recommended)</i>	PEAK 2 Year Program 11th and 12th <i>(Concurrent Credit)</i>		
<b>PEAK Practical Nursing (LPN)</b>	Foundations of Health Care <i>(Recommended)</i>	PEAK 2 Year Program 11th and 12th <i>(Concurrent Credit)</i>		

## CREDENTIALS

First Aid	CNA	CPR	EMT	PCT	Stop the Bleed
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# Business Management & Marketing



## Do You...

have a desire to lead and motivate individuals of a corporation or organization?

dream of working independently in a structured environment?

have a passion for helping others invest their money wisely?

## Jump-start your success with Career & Technical Education



OCCUPATION	EDUCATION	SALARIES (Entry/Median)
Accountant	Bachelor's Degree/Master's Degree	\$38,160/\$59,990
Administrative Services Manager	High School Diploma/Associates Degree	\$51,670/\$80,120
Bookkeeping	Associate's Degree	\$29,120/\$38,040
Sales Manager	Bachelor's Degree	\$50,040/\$110,060
Logistics Analyst	Bachelor's Degree	\$37,070/\$58,630
Marketing Managers	Bachelor's Degree/Master's Degree	\$41,260/\$76,850
Entrepreneur	High School Diploma	Varies



## Business Management & Marketing

## CAREER PROGRAMS

Career Pathway <i>(must be taken in sequential order)</i>	Level 1 9th or 10th grade	Level 2 10th or 11th grade	Level 3 11th or 12th grade	Additional Electives
<b>Accounting</b>	Survey of Business (Required)	Accounting I	Accounting II	Advanced Spreadsheets Applications  Advanced Database Applications  Personal Finance  Concurrent Credit General Education  Career Practicum
<b>Management</b>	Survey of Business (Required)	Management	Accounting I	
<b>Marketing Business Enterprise</b>	Survey of Business (Required)	Marketing Business Enterprise	Small Business Operations	
<b>Supply Chain &amp; Logistics</b>	Survey of Business (Required)	Introduction to Supply Chain and Logistics	Accounting I	
<b>Digital Marketing</b>	Survey of Business (Required)	Digital Marketing	Markets and Analytics	

## CREDENTIALS

Google Analytics	Entrepreneurship:E SB Endorsement	Microsoft Office Specialist	Adobe	Customer Service Certifications
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# Information Technology



## Do You...

dream about creating your own computer applications or gaming software?

have a desire to build things or work with your hands?

have a passion for technology and all aspects of a high-tech, fast-paced society?

## Jump-start your success with Career & Technical Education



OCCUPATION	EDUCATION	SALARIES (Entry/Median)
Software Developer	Bachelor's Degree	\$50,360/93,850
Computer and Information Manager	Bachelor's Degree	\$61,760/\$103,470
Computer Programmer	Bachelor's Degree	\$46,220/\$66,640
Computer Network Support Analyst	Associate's Degree	\$39,910/\$58,800
Digital Forensics Analyst	Bachelor's Degree	\$48,170/\$83,990
Computer Support Specialist	High School Diploma/Associates Degree	\$33,670/\$47,710
UAV Surveying & Mapping Technician	High School Diploma/Certification	\$33,280/\$45,190

# CAREER PROGRAMS

# Information Technology

Career Pathway <i>(must be taken in sequential order)</i>	Level 1 9th or 10th grade	Level 2 10th or 11th grade	Level 3 11th or 12th grade	Additional Electives
<b>Programming</b>	Principles of IT OR Programming 1 <i>(Required)</i>	Programming II OR AP Computer Science	Programming III AP Computer Science Computer Science Independent Study	AP courses  Concurrent Credit General Education  Career Practicum
<b>Mobile Apps Development</b>	Principles of IT OR MAD I OR AP Computer Science Principles <i>(Required)</i>	MAD II	AP Computer Science Computer Science Independent Study	
<b>PEAK Network Engineering Technology</b>	Principles of Information Technology <i>(Recommended)</i>	PEAK 2-year program		
<b>CREDENTIALS</b>				
Comp TIA	Adobe Cloud	NOCTI		



# Human Services



## Do You...

want to connect with others in relation to their physical, emotional & educational needs?

have a passion about providing leadership or impacting the lives of others?

dream about being a civic-minded human by helping your community, country or fellow man?

### Jump-start your success with Career & Technical Education



OCCUPATION	EDUCATION	SALARIES (Entry/Median)
Dietician and Nutritionist	Master's Degree	\$26,480/\$52,800
Interior Designer	Bachelor's Degree	\$37,230/\$61,240
Police Officer	High School Diploma/Associates Degree	\$32,130/\$42,620
Teacher	Bachelor's Degree	\$29,610/\$79,850
Social Worker	Master's Degree	\$39,690/\$44,370
Military Personnel	High School Diploma	\$32,746/\$57,948
Firefighter	High School Diploma/Associates Degree	\$25,120/\$41,010

## CAREER PROGRAMS

## Human Services

Career Pathway <i>(must be taken in sequential order)</i>	Level 1 9th or 10th grade	Level 2 10th or 11th grade	Level 3 11th or 12th grade	Additional Electives
Pre-Educator	Introduction to Education <i>(Required)</i>	Accounting I	Accounting II	Psychology Sociology AP Psychology Personal Finance Concurrent Credit General Education Career Practicum
FACS Human and Social Services	Family and Consumer Sciences <i>(Required)</i>	Management	Accounting I	
FACS Clothing and Housing Design	Family and Consumer Sciences <i>(Required)</i>	Marketing Business Enterprise	Small Business Operations	
FACS Nutrition Science and Dietetics	Family and Consumer Sciences <i>(Required)</i>	Introduction to Supply Chain and Logistics	Accounting I	
Army Junior Reserve Training Corps	Army JROTC I	Army JROTC II	Army JROTC III	

## CREDENTIALS

ParaPro	Food Handler	First Aid	ServSafe	CERT
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# BUSINESS MANAGEMENT & MARKETING

Marketing Business Enterprise Pathway			Grades
Level 1			
492120	Survey of Business	1 credit	9-10
Level 2			
492330	Marketing Business Enterprise	1 credit	10-11
Level 3			
492700	Small Business Operations	1 credit	10-12
490640	Career Practicum	1 credit	11-12

Accounting Pathway			Grades
Level 1			
492120	Survey of Business	1 credit	9-10
Level 2			
492100	Computerized Accounting I	1 credit	10-12
Level 3			
492110	Computerized Accounting II	1 credit	11-12
490610	Career Practicum	1 credit	11-12

Business Management Pathway			Grades
Level 1			
492120	Survey of Business	1 credit	9-10
Level 2			
492320	Management	1 credit	10-12
Level 3			
492100	Computerized Accounting I	1 credit	10-12
490630	Career Practicum	1 credit	11-12

Supply Chain and Logistics Pathway			Grades
Level 1			
492120	Survey of Business (Business Pathway)	1 credit	9-10
Level 2			
492770	Introduction to Supply Chain and Logistics	1 credit	10-11
Level 3			
492100	Computerized Accounting I	1 credit	10-12
490790	Career Practicum	1 credit	11-12

Digital Marketing Pathway			Grades
Level 1			
492120	Survey of Business (Business Pathway)	1 credit	9-10
Level 2			
492760	Digital Marketing	1 credit	10-12
Level 3			
492800	Markets and Analytics	1 credit	11-12
490640	Career Practicum	1 credit	11-12

Program of Study: College/Career		Pathway Name: <i>Associate of General Studies</i> (fully transferable to Bachelor of Business Administration)			Pending HLC Approval
SUBJECT	8th GRADE	9th GRADE	10th GRADE	11th GRADE	12th GRADE
<b>LANGUAGE ARTS</b> (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
<b>MATH</b>	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
<b>SCIENCE</b>	Physical Science	Biology (Pre-AP option)	Environmental Science (AP) GEOL 2653/2651	Biology (College Credit) (Concurrent/AP option) BIOL 1153/1151	
<b>SOCIAL STUDIES</b>		Government & 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 SOC1 2753 (Concurrent)
<b>FINE ART</b>			Humanities through Arts HUMN 2563 (Concurrent) Spring		
<b>PE/HEALTH ELECTIVES</b>	Keystone	Health & Wellness Athletics/PE			
<b>CTE COURSES</b>		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
<b>RECOMMENDED ELECTIVES</b> (XX Per Year)	Spanish I	AP Seminar	AP Research		Personal Finance (Challenge option) FIN 1521



# UAFS

## **Course Descriptions for Business Management & Marketing:**

### **ADVANCED SPREADSHEET APPLICATIONS 492450 SEMESTER**

**GRADES 9-12**

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.

### **ADVANCED DATABASE APPLICATIONS 492140 SEMESTER**

**GRADES 9-12**

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.

### **COMPUTERIZED ACCOUNTING I 492100**

**GRADES 10-12**

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**

**GRADES 11-12**

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 4<sup>th</sup> math requirement above Algebra II.

### **MANAGEMENT 492320**

**GRADES 10-12**

Management assists the student in understanding basic management functions. Students study the management process, decision-making environmental factors, ethics, and social responsibility.

### **MARKETING BUSINESS ENTERPRISE 492330**

**GRADES 10-11**

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.



**SMALL BUSINESS OPERATIONS**  
492700

**GRADES 11-12**

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

**GRADES 9-10**

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.**

**DIGITAL MARKETING**  
492760

**GRADES 10-12**

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, cloud-based 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.

**MARKETS & ANALYTICS**  
492800

**GRADES 11-12**

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. The prerequisite for this course is Digital Marketing (492760).

**INTRODUCTION TO SUPPLY CHAIN AND LOGISTICS**  
492770

**GRADES 10-12**

This course is designed to prepare students with knowledge of the supply chain industry. It focuses on global logistics, supply chain technology, transportation industry and regulations, planning and routing shipments, and communication and customer service skills.

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.

# HUMAN SERVICES

<b>Family and Community Services Pathway Human and Social Services</b>			<b>Grades</b>
Level 1			
493080	Family and Consumer Sciences	1 credit	9-10
Level 2			
493020	Child Growth and Development	1 credit	10-11
Level 3			
493150	Dynamics of Human Relationships	1 credit	11-12
490680	Career Practicum	1 credit	11-12

<b>Family and Community Services Pathway Nutrition Science and Dietetics</b>			<b>Grades</b>
Level 1			
493080	Family and Consumer Sciences	1 credit	9-10
Level 2			
493110	Food Safety and Nutrition	1 credit	10-11
Level 3			
493200	Life and Fitness Nutrition	1 credit	11-12
490680	Career Practicum	1 credit	11-12

<b>Visual Arts Pathway Clothing and Housing Design</b>			<b>Grades</b>
Level 1			
493080	Family and Consumer Sciences	1 credit	9-10
Level 2			
490890	Fashion and Interior Design	1 credit	10-11
Level 3			
490900	Advanced Fashion and Interior Design	1 credit	11-12
490680	Career Practicum	1 credit	11-12

<b>Education and Training Pathway</b>			<b>Grades</b>
Level 1			
493240	Introduction to Education	1 credit	10-12
Level 2			
493290	Education Technology	1 credit	10-11
Level 3			
493020	Child Growth & Development	1 credit	11-12
490660	Career Practicum	1 credit	11-12

<b>JROTC Pathway</b>			<b>Grades</b>
Level 1			
495790	Army JROTC I Leadership Education & Training	1 credit	9-10
Level 2			
495800	Army JROTC II Leadership Education & Training	1 credit	10-11
Level 3			
495810	Army JROTC III Leadership Education & Training	1 credit	11-12
495890	Army JROTC IV Leadership Education & Training	1 credit	11-12

Program of Study: College/Career		Pathway Name: Associate of General Studies fully transferable to Bachelor of Elementary Education)			Pending HLC Approval
SUBJECT	8th GRADE	9th GRADE	10th GRADE	11th GRADE	12th GRADE
<b>LANGUAGE ARTS (4 Credits)</b>		English 9 <i>(Pre-AP option)</i>	English 10 <i>(Pre-AP option)</i>	English Composition I & II <i>(AP/Concurrent option)</i> ENGL 1203/ENGL 1213	Intro to American Lit <i>(Concurrent)</i> ENGL 2013 Intro to Speech Comm <i>(Concurrent)</i> SPCH 1203
<b>MATH</b>	Algebra 1 <i>(Pre-AP option)</i>	Geometry <i>(Pre-AP option)</i>	Algebra II <i>(Pre-AP option)</i>	College Algebra <i>(Concurrent)</i> MATH 1403	Geometry & Measurement I & II (6 cr hrs) MATH 2233/2243 <i>(Concurrent)</i> Spring
<b>SCIENCE</b>	Physical Science	Biology <i>(Pre-AP option)</i>	Environmental Science (AP) GEOL 2653/2651	Biology <i>(AP/Concurrent option)</i> BIOL 1153/1151	Physical Science <i>(Concurrent)</i> PHSC 2711/2713 Fall
<b>SOCIAL STUDIES</b>		World History (AP) HIST 1133 <i>(Blended/Concurrent)</i>	Government & Politics (AP) POLS 2753	U.S. History II <i>(Concurrent/ AP option)</i> HIST 2763 Fall	World Regional Geography <i>(Concurrent)</i> GEOG 2753 FALL Fall
<b>FINE ART</b>			Humanities through Arts <i>(Concurrent)</i> HUMN 2563		
<b>PE/HEALTH ELECTIVES</b>	Keystone	Health & Wellness Athletics/PE			
<b>CTE COURSES</b>					
<b>RECOMMENDED ELECTIVES</b>		Computer Science Class		Intro to Ed <i>(Concurrent)</i> EDUC 2783 Fall Ed Tech <i>(Concurrent)</i> ELML 2013 Spring Personal Finance (challenge option) (1)	CC Child growth and development



# UAFS

## **Course Descriptions for Human Services:**

### **ARMY JROTC I LEADERSHIP EDUCATION & TRAINING 495790**

**GRADES 9-10**

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**

**GRADES 10-11**

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**

**GRADES 11-12**

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**

**GRADES 11-12**

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.

### **DYNAMICS OF HUMAN RELATIONSHIPS 493150**

**GRADES 11-12**

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.

**ADVANCED FASHION AND INTERIOR DESIGN**  
**490900**

**GRADES 11-12**

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.

**LIFE AND FITNESS NUTRITION**  
**493200**

**GRADES 11-12**

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.

**FOOD SAFETY AND NUTRITION**  
**493110**

**GRADES 10-11**

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.

**FAMILY AND CONSUMER SCIENCES**  
**493080**

**GRADES 9-10**

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 construction; 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**

**GRADES 10-11**

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.

**CHILD GROWTH AND DEVELOPMENT**  
**493020**

**GRADES 9-11**

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.

**INTRODUCTION TO EDUCATION**  
**493240**

**GRADES 10-12**

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.

**EDUCATION TECHNOLOGY**  
**493290**

**GRADES 11-12**

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.

# HEALTH SCIENCES

Sports Medicine Pathway			Grades
Level 1			
495350	Foundations of Health Care	1 credit	9-10
Level 2			
494050	Principles of Sports Medicine	1 credit	10-11
Level 3			
494070	Sports Medicine Injury Assessment	1 credit	11-12
490700	Career Practicum	1 credit	11-12

Nursing Services Pathway			Grades
Level 1			
495350	Foundations of Health Care	1 credit	9-10
Level 2			
495360	Medical Terminology	1 credit	11-12
Level 3			
490501	Patient Care Tech (at Peak)	1 credit	11-12

PEAK Innovation Center			Grades
PEAK	Emergency Medical Technician	2 year program	11-12
PEAK	Practical Nursing Program	2 year program	11-12
PEAK	Certified Nursing Assistant	2 year program	11-12

## Course Descriptions for Health Sciences:

### PRINCIPLES OF SPORTS MEDICINE 494050

GRADES 10-11

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.

### FOUNDATIONS OF HEALTH CARE 495350

GRADES 9-10

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.



**SPORTS MEDICINE INJURY ASSESSMENT**  
**494070**

**GRADES 11-12**

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.

**MEDICAL TERMINOLOGY**  
**495360**

**GRADES 9-10**

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 (PCT)**  
**2-YEAR PROGRAM**

**GRADES 11-12**



This certification course is approved as an expansion to the Medical Professions Program of Study only. Students will receive their Patient Care Tech (PCT) certification. Prerequisites: Foundations of Health Care and Medical Terminology.

**CERTIFIED NURSING ASSISTANT CONCURRENT**  
**2 YEAR PROGRAM**

**GRADES 11-12**



The general health major offers students the opportunity to learn in a classroom setting about a variety of health careers and basic medical terminology. They also get hands-on experiences in a clinical setting and work directly with patients in local nursing homes. At the completion of this program, students meet the requirements to take the examination for CNA certification. This course is designed for high school seniors.

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 Health Care before entering the program.**

**EMERGENCY MEDICAL TECHNICIAN CONCURRENT**  
**2 YEAR PROGRAM**

**GRADES 11-12**



The Emergency Medical Responder (EMR) program allows students in their senior year of high school the exposure to the learning requirements and atmosphere of emergency medicine. This program can be taken in conjunction with the Sports Medicine program. **It is recommended, but not mandatory, that students take Foundations of Health Care before entering the program.**



The LPN Program at the University of Arkansas - Fort Smith (UAFS) in the College of Health Sciences (CHS) grants a technical certificate upon completion of the program of study. Upon UAFS graduation, students are eligible to sit for the National Council Licensure Examination for Practical Nurses (NCLEX-PN).

Admission into the Practical Nursing Program is competitive. Students accepted into this program receive their education through classroom learning and clinical experiences. The LPN Program is approved by the Arkansas State Board of Nursing (ASBN). **It is recommended, but not mandatory, that students take Foundations of Health Care before entering the program.**

# ADVANCED MANUFACTURING & ENGINEERING TECHNOLOGY

Construction Pathway			Grades
Level 1			
494480	Skilled Trades: Construction	1 credit	9-10
Level 2 (at Peak)			
494460	Carpentry	1 credit	10-11
493840	MEP Systems	1 credit	10-11
Level 3 (at Peak)			
494510	Plumbing	1 credit	11-12
494500	Electrical	1 credit	11-12
490730	Career Practicum	1 credit	11-12

Advanced Manufacturing Pathway			Grades
Level 1			
495571	Principles of Advanced Manufacturing	1 credit	9-10
Level 2			
494950	Design for Manufacturing	1 credit	10-11
Level 3			
494960	Manufacturing Productions	1 credit	11-12
490780	Career Practicum	1 credit	11-12

PEAK Innovation Center			Grades
PEAK	Electronics Technology	2 Year Program	10-12
PEAK	Computer Integrated Machining	2 Year Program	10-12

Western Arkansas Technical Center Options			Grades
WATC	Welding	2 Year Program	11-12

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



# UAFS

## **Course Descriptions for Advanced Manufacturing & Engineering Technology:**

**CARPENTRY**  
**494460**

**GRADES 10-11**

This instructional program prepares individuals to apply technical knowledge and skills to lay out, fabricate, erect, install, and repair wooden structures and fixtures, using hand and power tools.

**SKILLED TRADES: CONSTRUCTION**  
**494480**

**GRADES 9-10**

This instructional program prepares individuals to apply technical knowledge and skills in the building, inspecting, and maintaining of structures and related properties.

**ELECTRICAL**  
**494500**

**GRADES 11-12**

This instructional program prepares individuals to apply technical knowledge and skills to install and repair residential electrical systems.

**PLUMBING**  
**494510**

**GRADES 11-12**

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.

**MECHANICAL, ELECTRICAL, & PLUMBING (MEP)**  
**493840**

**GRADES 11-12**

This is a foundation course to combine electrical, plumbing and HVAC courses into a one credit introductory course.

**PRINCIPLES OF ADVANCED MANUFACTURING**  
**495571**

**GRADES 9-10**

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.

**COMPUTER INTEGRATED MACHINING CONCURRENT  
2 YEAR PROGRAM**

**GRADES 11-12**



This brand-new Advanced Manufacturing program is designed to prepare students for in-demand, high skill, high wage jobs in computer integrated machining. Students will take concurrent credit courses at Peak, earning industry-recognized certifications, technical certificates, and college credit. Using state of the art advanced manufacturing equipment and UAFS instructors, students will learn computer aided drafting (CAD), machine technology, setup, operations, metrology, lean manufacturing, and Computer Numerical Control (CNC) manufacturing. Students should take prerequisite “Principles of Advanced Manufacturing” before enrolling in Computer Integrated Machining I. **It is recommended, but not mandatory, that students take Principles of Advanced Manufacturing before entering the program.**

**ELECTRONICS TECHNOLOGY CONCURRENT  
2 YEAR PROGRAM**

**GRADES 10-12**



This updated Advanced Manufacturing program is designed to prepare students for in-demand, high skill, high wage jobs in the use and maintenance of industrial electronic devices and instruments. Students will take concurrent credit courses at Peak, earning industry-recognized certifications, technical certificates, and college credit. Using state of the art advanced manufacturing equipment and UAFS instructors, students will learn Industrial Control Systems, Advanced Electronic Circuits, Energy Auditing, Wireless Systems, Hydraulics & Pneumatics, and Robotics. Students should take prerequisite “Principles of Advanced Manufacturing” before enrolling in Electronics Technology.

**WELDING CONCURRENT  
2 YEAR PROGRAM**

**GRADES 11-12**



In the WATC welding program, students learn basic and advanced welding in four areas: Arc, TIG, MIG, and Layout and Fabrication. Students’ welding skills must meet the AWS certification test standards for structural welding. Successful students earn welding certificates of proficiency. Welders need good eyesight, hand/eye coordination, and manual dexterity.

NOTE: Students must pass the basic class with a “C” or better in order to continue in the advanced class.

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.

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.

# INFORMATION TECHNOLOGY

Programming Pathway			Grades
Level 1			
465070	Programming Year 1	1 credit	9-10
493961	Principles of Information Technology	1 credit	9-10
465030	AP Computer Science Principles	1 credit	9-10
Level 2			
465080	Programming Year 2	1 credit	10-11
465130	College Board AP Computer Science	1 credit	10-11
Level 3			
465090	Advanced Programming	1 credit	11-12
465780	Career Practicum	1 credit	11-12

Mobile Application Development Pathway			Grades
Level 1			
465370	Mobile Application Development – Year 1	1 credit	9-10
465030	AP Computer Science Principles	1 credit	9-10
493961	Principles of Information Technology	1 credit	9-10
Level 2			
465380	Mobile Application Development – Year 2	1 credit	10-11
Level 3			
465930	Computer Science Independent Study	1 credit	11-12
	or		
565110	AP Computer Science A – Level I	.5 credit	11-12
565120	AP Computer Science A – Level II	.5 credit	11-12
465780	Career Practicum	1 credit	11-12

PEAK Innovation Center			Grades
PEAK	Networking Engineering Technology	2 Year Program	11-12

## Course Descriptions for Information Technology:

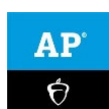
### COMPUTER SCIENCE INDEPENDENT STUDY 469930

**GRADES 11-12**  
**RECOMMENDED: PRE-CAL TRIG**

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.

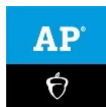
### AP COMPUTER SCIENCE LEVEL I & II 565110 / 565120

**GRADES 11-12**



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 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 PROGRAMMING YEAR 1**  
**465070**

**GRADES 9-10**

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**

**GRADES 10-11**

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**

**GRADES 10-12**

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**

**GRADES 9-10**

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.

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.

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.



The Networking Engineering Technology pathway at Peak prepares you to go directly into a specialized career in computer networking. With the number of cyber-attacks on the rise and confidential information becoming increasingly vulnerable, the need for networking specialists and information security analysts continues to grow. With Peak’s program, you will be trained to design, administer, maintain and support local and wide area network systems. Graduates will be qualified for exciting technological roles in network design and installation, infrastructure, security and maintenance, incident response, inter-network communications, network monitoring and administration, and cyber security. **It is recommended, but not mandatory, that students take Principles of IT before entering the program.**

# ARTS AND COMMUNICATIONS

Digital Commercial Photography Pathway			Grades
Level 1			
493680	Media Communications	1 credit	9-10
Level 2			
494350	Digital Commercial Photography I	1 credit	10-11
Level 3			
494370	Digital Commercial Photography II	1 credit	10-11
490740	Career Practicum	1 credit	11-12

Digital Cinema Productions Pathway			Grades
Level 1			
493680	Media Communications	1 credit	9-10
Level 2			
493420	Digital Cinema Productions I	1 credit	10-11
Level 3			
493430	Digital Cinema Productions II	1 credit	11-12
490740	Career Practicum	1 credit	11-12

Emerging Art & Design at Peak			Grades
Level 1 (on High School campus)			
493680	Media Communications	1 credit	9-10
Level 2 (at Peak)			
494151	Media Arts I	1 credit	10-11
450080	Studio Art 2-D	.5 credit	10-11
450090	Studio Art 3-D	.5 credit	10-11
450060	Art History I	.5 credit	10-11
450070	Art History II	.5 credit	10-11
Level 3 (at Peak)			
494171	Media Arts II	1 credit	11-12
494350	Digital Commercial Photography I	1 credit	11-12
490740	Career Practicum	1 credit	11-12
Level 4 (at Peak)			
494131	Media Arts III	1 credit	11-12
494370	Digital Commercial Photography II	1 credit	11-12
490740	Career Practicum	1 credit	11-12

## Course Descriptions for Arts and Communications:

**DIGITAL COMMERCIAL PHOTOGRAPHY I**  
**494350**

**GRADES 9-10**

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

**DIGITAL COMMERCIAL PHOTOGRAPHY II**  
**494370**

**GRADES 10-11**

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**

**GRADES 11-12**

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.

**PHOTOGRAPHY LAB**  
**494360**

**GRADES 11-12**

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

**DIGITAL CINEMA PRODUCTIONS I**  
**493420**

**GRADES 9-10**

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**

**GRADES 10-11**

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**

**GRADES 11-12**

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**

**GRADES 11-12**

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.

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.



This course is designed to introduce students to the fundamental skills and knowledge needed to create digital works (graphics and photography) using industry-standard hardware and software for a variety of purposes and outputs. Areas of study include the understanding of industry history, terminology, camera operation, design principles, ethical and legal issues, and presentation skills. Emphasis is placed on layout design and the creation and manipulation of graphics and images and how they are applied in today's industry standards. Students will begin to develop skills necessary for Adobe Photoshop and Illustrator certifications.



This course is designed to build upon basic knowledge and skills learned in Media Arts I. Students will acquire additional knowledge and skills needed to create digital works (graphics and photography) using industry-standard hardware and software for a variety of purposes and outputs. Areas of study include the understanding of industry history, terminology, camera operation, color, typography, web graphics, animation, and presentation skills. Continued emphasis is placed on layout design and the creation and manipulation of graphics and how they are applied in today's industry standards while being encouraged to explore personal outlooks through risk-taking, experimentation, and possibility thinking. Students will further develop knowledge and skills necessary to complete Adobe Photoshop and Illustrator certifications.



This course incorporates knowledge and skills learned in Media Arts I & II including the use of advanced graphic and photography industry-standard hardware and software. Students will demonstrate an understanding of functional design, aesthetic concerns, and industry specific career practices through independent production opportunities. Areas of study include the application of color, design and typography principles, web graphics, videography and animation. Emphasis will be given to layout design and creation and manipulation of graphics to develop commercial-ready products. Students will further develop knowledge and skills necessary to complete Adobe Photoshop and Illustrator certifications.

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# CONCURRENT COLLEGE CREDIT



The Peak Innovation Center provides career pathways and technical education that connect students directly into training and careers in Advanced Manufacturing, Healthcare, Information Technology, and other in-demand, high skill regional industries. These industries make up the largest percentage of regional output, and are vital to the economic sustainability of Western Arkansas. In addition to providing students cutting edge learning environments, instruction, and equipment, the center will act as a flagship for career learning and community engagement. Partnerships with other educational and workforce agencies ensure that this new learning environment impacts as many learners, student and adult, as possible.

In partnership with the Western Arkansas Technical Center at the University of Arkansas- Fort Smith, the Peak Innovation Center offers concurrent credit classes and multiple industry recognized certifications to high school students in our region. Scheduling is the same as WATC scheduling, with students spending one half of the school day at Peak, and one half at their designated high school. Transportation will be provided.

High school students who attend WATC on the UAFS campus enroll in a specific sequence of courses in or related to health occupations or areas of technology. The student's program of study includes courses in a career major as well as related and supporting academic courses that lead to a certificate, an AAS degree or occupational certification. College credit is awarded to students by the University of Arkansas. Tuition, books, fees, transportation and equipment are provided at no cost to the student. Students must have parental permission and counselor or administrative approval to enroll in the half-day WATC programs. For detailed information about the programs offered, call Western Arkansas Technical Center at 479-788-7713. Students must commit to completing each semester's coursework. Students may not drop any part of the program within the semester. Please refer to the FSPS schedule change procedures for more information.

Programs offered in these concurrent options are as follows:

Programs Offered at PEAK	Cluster
Emergency Medical Services	Health Services
Practical Nursing Program	Health Services
Computer Integrated Machining	Industrial & Engineering Technology
Electronics Technology	Industrial & Engineering Technology
Networking Engineering Technology	STEM
Certified Nursing Assistant	Health Services
Programs Offered at UAFS	Cluster
Welding	Industrial & Engineering Technology

# COURSES THAT SUPPORT ALL PATHWAYS

## **JOBS FOR AMERICA'S GRADUATES I 493780**

**GRADES 9-12**

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**

**GRADES 10-12**

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/WORK BASED LEARNING 493800**

**GRADES 11-12**

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**

**GRADES 12**

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)