2019-2020
Career Action Planning
Grades 10-12
Dear Parents and Students:

Please review the high school graduation policy. Graduation from Springdale Public Schools is the responsibility of the student and parent. The school’s staff can and will give advice about the courses that are offered, but ultimately success in high school rests upon the shoulders of each student. **NO student will be allowed to participate in graduation ceremonies without having successfully completed graduation requirements prior to the date of graduation ceremonies.**

The high school teachers and administrators are your greatest source of information when making course selections for the coming year. Please consult the school website to learn more about each course we offer. When questions arise should you need to call or email your high school to get information, please do so. The appropriate person will return your call or set up an appointment with you, so that you can make informed decisions about which courses to take. Courses listed in this booklet that do not attract enough students during registration will not be offered.

**Please plan on attending the Student Led Conference which will include the confirmation of your student’s course request for the upcoming year. Your designated school will be in contact with you regarding the date and time.**

We recommend that students and parents work together planning the courses to be taken for the three years of high school, not simply those to be taken during the coming year.

Regardless of the student's post-high school plans, it is strongly recommended that students remain enrolled in English, math, science, and social studies courses each year.

Sincerely,

School Administrators, Faculty, and Staff

**Springdale High School**  
Mr. Jason Jones, Principal  
Jason.Jones@sdales.org  
shs@sdales.org  
750-8832 Fax- 750-8811

**Har-Ber High School**  
Dr. Paul Griep, Principal  
pgriep@sdales.org  
har-ber@sdales.org  
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Arkansas Graduation Requirements

SMART CORE CURRICULUM DIPLOMA

24 units of credit required by Springdale Public Schools

English-4 units
- English 9th grade
- English 10th grade
- English 11th grade
- English 12th grade

Mathematics-4 units; One unit must be taken at 11th and 12th grade
- Algebra I or First Part and Second Part Algebra I (Grades 7-8 or 8-9)
- Geometry or First Part and Second Part Geometry (Grades 8-9 or 9-10)
- Algebra II
- Fourth Math--Choice of: Math Ready, Algebra III, Quantitative Literacy, Pre-Calculus, Calculus or an AP mathematics

Science
For 2020 and 2021 graduates
1. Biology and
2. 2 units with lab experience chosen from
   - Physical Science-Integrated or Pre-AP Physical Science-Integrated
   - Biology-Integrated or Pre-AP Biology-Integrated
   - Chemistry-Integrated or Pre-AP Chemistry-Integrated
   - Physics or AP Physics I or AP Physics C Mechanics
   - Environmental Science (11th and 12th grade students)

For 2022 graduates - 3 units total with lab experience. The following order is preferred by ADE.
1. Physical Science-Integrated or Pre-AP Physical Science-Integrated
2. Biology-Integrated or Pre-AP Biology-Integrated
3. Third Science to be chosen from the one of the following:
   - Chemistry-Integrated** or Pre-AP Chemistry-Integrated**
     (**Chemistry-Integrated/Pre-AP Chemistry-Integrated MUST be taken if a student plans to take Physics, Chemistry 2, AP Chemistry, AP Physics, etc.)
   - Environmental Science
   - Anatomy and Physiology
   - Astronomy (SHS Only)

Social Studies-3 units
- Civics-½ unit
- Economics-½ unit
- World History-1 unit
- American History-1 unit

Oral Communications-½ unit

Physical Education-½ unit

Health and Safety-½ unit

Economics and Personal Finance-½ unit (may be counted toward Social Studies or Career Focus)

Fine Arts-½ unit
Career Focus-6 units
NOTE:
- Comparable Advanced Placement, International Baccalaureate, and Concurrent College courses may be substituted where applicable.
- Personal Finance* – Beginning with the freshmen class of 2017-18, A.C.A. § 6-16-135 requires students to complete a course that includes specific personal finance standards in either grades 10, 11, or 12.
- Computer Science – students should consider taking a computer science course before graduating.

CORE CURRICULUM DIPLOMA

24 units of credit

English-4 units
- English 9th grade
- English 10th grade
- English 11th grade
- English 12th grade

Mathematics-4 units
- Algebra I or its equivalent
- Geometry or its equivalent
- All math units must build on the base of algebra and geometry knowledge and skills.
- A two-year algebra equivalent or a two-year geometry equivalent may each be counted as two units of the 4 unit equivalent.

Science-3 units
- Biology - Integrated - 1 unit
- Physical Science - 1 unit
- One unit of ADE approved Science - 1 unit

Social Studies-3 units
- Civics ½ unit
- Economics ½ unit
- World History-1 unit
- American History-1 unit

Oral Communications-½ unit

Physical Education-½ unit

Health and Safety-½ unit

Fine Arts-½ unit

Career Focus- 6 units

Other Graduation Notes
- Students must be enrolled in Math and English every year.
- Beginning with the 2014-2015 9th grade class, each high school student shall be required to take at least one digital learning course for credit to graduate
● Beginning with the 2017-2018 11th grade class each high school student shall be required to take and pass with 60% or above on the ADE Civics exam
● Beginning with the 2017-2018 9th grade class each high school student shall be required to take and earn a credit in a course taken in 10th grade 11th grade or 12th grade that includes the personal and family finance standards

GRADUATION REQUIREMENTS FOR STUDENTS WITH DISABILITIES

Students with disabilities are expected to meet requirements for graduation as set forth by the Springdale Public School District. The individual Education Plan (IEP) committee shall establish a program of study that is compatible with each student’s ability to perform. The committee may waive or substitute specific courses and may require specific courses when it is determined to be in the best interest of the student to do so.

HONOR GRADUATE REQUIREMENTS

Honors: Meet Smart Core Curriculum, 3.50 GPA based on 8 semesters, completion of 2 years of the same foreign language, and completion of two (2) Advanced Placement or IB units of credit. Each semester of a concurrent credit course will count as 0.5 AP/IB class

High Honors: Meet requirements of Honor Graduate and complete four (4) AP and/or IB units of credit. Each semester of a concurrent credit course will count as 0.5 AP/IB class

Highest Honors: Completion of the International Baccalaureate (IB) curriculum OR Completion of six (6) Advanced Placement units of credit. Each semester of a concurrent credit course will count as 0.5 AP/IB class

EARLY GRADUATION

Requirements for graduation may be completed in less than four years. In order to graduate early, a student must submit a letter of request signed by parents/guardians prior to the beginning of the senior year. Correspondence course(s) may not be taken in lieu of the final semester of school.

GRADING SYSTEM

Credit is based on Carnegie Units as per North Central Association guidelines. Therefore, a semester course is valued as a half Carnegie unit. A year-long course is valued as one (1) Carnegie unit.

<table>
<thead>
<tr>
<th>Grade Points</th>
<th>IB/AP Grade Points**</th>
<th>Grading Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>A=4</td>
<td>A=5</td>
<td>90-100</td>
</tr>
<tr>
<td>B=3</td>
<td>B=4</td>
<td>80-89</td>
</tr>
</tbody>
</table>
**AP and IB programmes assessments are required for weighted GPA**

Getting Ready and Paying for College

Log into your Family Connection account for all College and Career planning.

- Archer Learning Center [connection.naviance.com/archerlearning](http://connection.naviance.com/archerlearning)
- Don Tyson School of Innovation [connection.naviance.com/dontyson](http://connection.naviance.com/dontyson);
- HarBer High School [connection.naviance.com/harberhs](http://connection.naviance.com/harberhs);
- Springdale High School [connection.naviance.com/springdalehigh](http://connection.naviance.com/springdalehigh);

Additional information:

- Take the PSAT, ACT and other tests at the recommended time.
- Take rigorous courses including Concurrent, Advanced Placement and / or IB courses.
- Consult with your high school counselor regularly.
- Review the **Senior Timeline** to be sure that deadlines are met.

Testing Timeline

**PSAT/NMSQT**

2nd week in October

Juniors - Qualification for National Merit Scholarship  
Competition Sophomores-Practice only

**ACT**

Offered 7 times per year  
Seniors encouraged to take in the Fall  
Juniors encouraged take it in the Spring  
(ACT is administered free to all Juniors in the Spring)  
Register online at [www.actstudent.org](http://www.actstudent.org)

Students qualifying for Free or Reduced Lunch should see their counselor for a fee waiver. (The ACT exam includes an interest inventory, biographical data, and four tests of educational development that are used by colleges for admission, advising, course placement, and scholarship selection.) The ACT is intended for those student who have completed or enrolled in at least Algebra II. To prepare for the ACT, participate in ACT bootcamps.

**SAT I - Reasoning Test**  
**SAT II - Subject Tests**

Offered 7 times  
Seniors encouraged to take in the fall; juniors in the spring
Register online at www.collegeboard.com
(The SAT I exam is primarily a multiple-choice test that measures verbal and mathematical reason abilities. Some colleges also require SAT II subject tests.)

Accuplacer
Juniors and Seniors may chose to take the Accuplacer to determine their level of college readiness. In some cases students may choose to take the Accuplacer instead of the ACT or SAT. Students should consult their counselor to determine if the Accuplacer is best for them.

Arkansas Scholarships
The Arkansas Department of Higher Education offers scholarship and grant programs to qualified graduating seniors. For complete information, visit the Arkansas Department website, your one-stop shop for Arkansas state financial aid at www.adhe.edu.

Arkansas Academic Challenge (Lottery) Scholarship
The Arkansas Academic Challenge (Lottery) Scholarship is open to high school seniors and non-traditional students who are Arkansas residents. Students must earn a minimum composite score of 19 on the ACT.
All students applying for the Arkansas Academic Challenge application at www.adhe.edu, refer to the website for deadlines.

Arkansas Governor's Distinguished Scholarship
The Arkansas Governor’s Scholarship Program is open to high school seniors with a 32 ACT or a 1410 SAT and a 3.5 grade point average. Application deadline is February 1. To apply go to the www.adhe.edu website.

AR Future Grant (ArFuture) and other scholarships can be found at - www.adhe.edu

Sports Scholarships, Athletic Scholarships and Financial Aid for Student Athletes
The NCAA Clearinghouse can be accessed by calling toll free 1-877-262-1492 or by going to the website at www.ncaaclearinghouse.net. The clearinghouse is available for students and parents to provide general information about NCAA Division I and Division II initial-eligibility requirements. It is the responsibility of the parent and the student athlete to know all the eligibility requirements in order to register with the NCAA Clearinghouse.

Information regarding students National Association of Intercollegiate Athletics (NAIA) eligibility can be found at playnaia.or

College Timeline Checklist
The following guidelines provide a skeleton list of activities to consider at each grade level as you prepare for college. In addition, participate in ALL seminar activities, read announcements, check emails, log into Family Connection, and participate in school activities. For more complete information, consult your counselor.

Grade 10

August
- Competitive colleges are more impressed by respectable grades in challenging courses than by outstanding grades in less difficult ones.
- Check credits to make sure you are on schedule for completing graduation requirements.
- Consult college websites to make sure your courses meet college entrance requirements.
- Consider participating in clubs/activities.

September
- Register to take the PSAT if you have taken or are currently enrolled in geometry. Consider participating in a PSAT preparation program.
- Review for the PSAT. Study the PSAT/NMSQT Student Bulletin and old tests. Use websites, computer software, and printed aids for study.
- Get involved in clubs/school activities.

October
- Take the PSAT. On the test form, check the box which will put you on the mailing list for college information.

December/January
- Study your PSAT score report. Compare items missed with the correct response.

Throughout the Year
- Continue taking appropriate courses. Research shows that full participation in academically challenging courses is the best preparation for college entrance examinations and for success in college.
- Maintain good grades.
- Gather and review career choices. The ACT website (www.actstudent.org) has an excellent six-step planning guide in the Life Roles section for parents to help you with this important process.
- Take interest inventory in Family Connection

May/June
- Athletes who plan on playing college level sports need to register with the NCAA clearinghouse (www.ncaastudent.org) and NAIA (playnaia.org)

Grade 11

Students are encouraged to visit college campus during their Junior and Senior years. Students are allowed two college visit days during their Junior year.

August
- Get off to a good start this semester. Your junior year grades are very important. Take as many academic courses as possible.
- Check credits to make sure you are on schedule for meeting graduation requirements.
- If possible, narrow your career interests to one or two fields.
- Continue volunteering for community service.
- Register first week in August for September ACT

**September**
- Register to take the PSAT.
- Attend College Fair
- Start thinking more seriously about what sort of college you would like to attend. Use resources listed earlier in this guide to find the school that's right for you. The College Board website may help you get started.
- Log on to Tassel Time to find options on how to pay for college. Password changes with each school year
- Register for a PSAT preparation class if available.
- Review for the PSAT. Study the PSAT/NMSQT Student Bulletin and old tests. Use computer software, websites, and printed aids. Consider participating in a preparation program.
- Check Family Connection for College representatives attending your school.

**October**
- Take the PSAT for National Merit Scholar recognition. On the test form, check the box which will put you on the mailing list for college information.

**October/November**
- Write to colleges or check college websites that interest you and schedule college visits.

**December**
- Study college information.
- Collect information on scholarships and financial aid programs.

**January/February**
- Attend how to pay for college/FAFSA nights to prepare for your senior year and admission of college process
- If you plan to apply for an ROTC scholarship or Military service academies, consult their websites and let your counselor know.
- Check registration deadlines for the SAT, ACT, and other appropriate tests and take preparation class if available.

**March/April**
- Plan program of study for senior year with your counselor. Learn about opportunities to earn college credit for advanced placement. Take as many academic courses as possible. Register for college entrance tests.

**May/June**
- Participate in a SAT/ACT preparation program.
- Take SAT or ACT.
- Take Achievement Test(s).
- Continue to develop strong study habits.
- Explore opportunities for college dual-enrollment credit.

**Summer (Before Senior Year)**
- Select the top five to ten colleges you feel best meet your needs. Try to prepare your top five list by August. Make sure to include a “sure bet”, two or three “good prospects”, and a “dream” school.
- Students are encouraged to visit college campuses during their Junior and Senior years. Students are allowed two college visit days during their Senior year.
- Keep a record of the advantages and disadvantages of each college.
- Request catalogs, applications, financial aid information, and specific information about your proposed major area of study.
- In August begin thinking about personal statements for college admission essays. Reflect on interesting experiences you have had. Think about how you might explain how you are different from other students.

**Grade 12**

The repeated references to dates of the various SAT and ACT tests are not meant to imply that you should take them every time they are listed. You should determine which dates are the most appropriate for you, keeping in mind application deadlines. If you need assistance in this decision, please be sure to check with your guidance counselor.

**August**

- Check your credits. Be sure you have all of the required courses and credit for graduation. Make any adjustments needed in your schedule to meet the requirements for graduation or the requirements at the particular college you wish to attend. Think about volunteering from community service.
- Check Family Connection for College representatives attending your school.

**September**

- Attend College Fair.
- Meet with your guidance counselor to review your records. Match these with the entrance requirements of the colleges you are considering. Make a list of your activities and awards. Update this list throughout the fall.
- Register for and take college admissions tests if you haven’t already.
- Choose a minimum of three to five colleges to which you will apply. Your selection should include at least one that you feel will definitely accept you. Athletes should discuss their ability to play at college level with the respective coaches.
- Go to the college websites to complete your applications for admissions at the schools of your choice. Your college may take the “common application” that is used by many colleges and universities. Check [www.commonapp.org](http://www.commonapp.org).
- Begin thinking more seriously about your financial aid needs. Calculate your Estimated Family Contribution (EFC) and judge whether you will need a scholarship, grant, loan, or work/study program. You can find assistance at the website addresses provided earlier in this guide.
- Get an early start on applying for scholarships and grants. You can apply throughout the year, but start now.
- Check college catalogs and websites for applications for admissions, housing, financial aid, required entrance exams (SAT or ACT) and deadlines from financial aid forms (FAFSA). IF you are a candidate for early decision, file your application in time to meet that deadline. Also be sure to check the LAST acceptable test date for an early decision candidate. Parents and students need to be aware of the contractual obligations for early decisions.
- Register to take the appropriate college entrance exam.
- Talk with teachers and other people who know you well and whom you will ask to write a recommendation for you. Request recommendation from teachers through Family Connection
- Prepare a resume to assist any person from whom you will request a letter of recommendation.
• Schedule college tours.*Attain a college visit form from the attendance office before you visit. Check your school calendar for dates when you are not in school other than holidays. Use these. Call ahead for an appointment.
• Meet with college representatives when they visit your school.
• Maintain good grades.
• Distribute applications and recommendation forms to guidance counselors and teacher for completion of their sections. (Teachers and counselors are asked to write numerous recommendations; always allow at least four weeks for them to complete recommendations.

October
• Make more college visits.
• Request transcripts and teacher letters of recommendations through Family Connection. Inform your counselor if you are applying to a Common Application College. Be aware of deadlines.
• Begin to fill out application forms. Many colleges require essay responses. Allow yourself ample time to do a good job. Request that an English teacher check your essay for grammar, spelling, punctuation, style, etc. (Again, allow sufficient time for the teacher to check and make suggestions.)
• Meet application deadlines from early decision (usually November 10), housing, scholarships, or financial aid.
• Take/retake the SAT/ACT if necessary.
• File your FAFSA as soon as possible after October 1. The FAFSA website is www.fafsa.ed.gov. (Estimate the required tax information if your tax forms are still incomplete. It is best if your family completes tax returns by the end of the month.) Pay attention to the deadline since some states require an earlier deadline than others. Keep a photocopy for your records.
• Research for scholarships and loans. Log onto Tassel Time for more information.

November
• Continue to study hard because your first semester senior year grades are very important. Research the quality of the departments at colleges you like the most. Ask questions of current students when you visit. If interested in a pre-professional program, check on the placement record for the university.
• Complete college applications for admissions. Follow up on letters of recommendation. Request transcripts as needed. Copy ALL forms before you mail them. Mail to meet deadlines.

December
• Look back over your timeline to be sure you have completed each step in the college admissions process.
• Request that SAT or ACT scores be sent to all colleges to which you have applied. If you did not list them when you registered for the tests, fill out the special form for additional college scores. These forms are on the ACT/SAT websites.
• Expect notification of early decision acceptance or deferral by December 15. If you are not accepted, file your other applications IMMEDIATELY.
• Ask your parents to begin gathering their financial information.

February
• Keep your grades up...finish strong...remember that you will be accepted to college.
• Check deadlines for financial aid/scholarship grants. Many forms are due March 1.

March
• Check dates for Advanced Placement test if needed.
• Check new College tips and bulletin boards for scholarship deadlines.
- Make certain all scholarships are completed and mailed.

April
- Look for acceptance notices. April 15 is the most popular date for some competitive colleges to notify student’s. Let your counselor know what has happened.
- Choose your college and write the college a letter of acceptance, which the college should receive before May 1.
- Write other colleges to decline their acceptance (also before May 1.)
- If you are waitlisted and wish to be kept in consideration, be sure to advise the college.
- **If all colleges send rejections, don’t panic! There are several alternatives. See your counselor.**
- Finalize plans for housing, financial aid, and/or scholarships.
- Make any deposit required by the institution you plan to attend. May 1 is the generally accepted nationwide deadline for deposits for fall term.
- If applicable, register for Advanced Placement Tests. List colleges you wish to receive your scores.

May
- Make final choice of college or university if you have not already done so. Complete all details concerning college admissions.
- On the Family Connection website, mark the college you will be attending and all scholarships you have been offered through the spring senior survey. Notify your counselor of your final college choice and whether you have been awarded any scholarships (academic, athletic, artistic, dramatic, or musical).
- Take Advanced Placement Tests.
- Attend Senior Practice Assembly and Graduation.
- Request that your final transcript be sent to the college you will be attending through Family Connection.
- Return all books, equipment and uniforms. Pay any fines and clear any holds on your records or diploma.

**HAVE A HAPPY GRADUATION!!**

July/Summer before College Freshman Year
- When you receive your Advanced Placement Test scores, if you have not already requested that the scores be sent to the college that you will be attending, request College Board to do so.
- Participate in the orientation program of the college you will attend. This may have occurred in the spring or may take place just prior to the fall term.
- Check opportunities to pre-register for fall term classes with the college you will be attending. Learn about campus resources and facilities.

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**Scholarship and Financial Aid Resources**

Free Application for Federal Student Aid: [www.fafsa.ed.gov](http://www.fafsa.ed.gov)
Arkansas Department of Higher Education: [www.adhe.edu](http://www.adhe.edu)
Arkansas Student Loan Authority: [www.fundmyfuture.info](http://www.fundmyfuture.info)
General College Information: [www.tasseltime.com](http://www.tasseltime.com)
Refer to Family Connection for opportunities and links
Archer Learning Center

The Archer Learning Center is designed to prepare high school students for their desired college and career. This is achieved through personalized instruction, small classes, the use of technology, and the hiring of dedicated, fully-certified teachers.

**Admission:** Unlike most schools, students must apply to attend the Archer Learning Center. Students are chosen based on academic, social, and personal needs. Students are able to earn up to eight credits per year.

**Class Size:**
By state policy, classes at the Archer Learning Center are limited to fifteen students. The low student to teacher ratio enables all pupils to receive personalized instruction by caring teachers.

**Technology:**
The Archer Learning Center is limited to fifteen students.

**Faculty:**
All teachers at the Archer Learning Center are certified to teach their content. All teachers participate in a minimum of 60 hours of professional development per year.

**Community Partnerships:**
At the Archer Learning Center, we believe that learning extends beyond the classroom. The school has many partnerships throughout Northwest Arkansas. These partnerships include the University of Arkansas, the Jones Center for Families, and many local businesses. These partnerships support the needs of the whole student as they prepare for their post-secondary education.

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**High School Courses**

**Grades 10-12**

**ACT Prep**

**ACT Prep Course**
10, 11, 12 - 1 semester, ½ credit
HBHS ONLY
This course will prepare student to take the ACT college entrance test. This class will focus on learning and practicing test-taking techniques as well as reviewing content to improve scores on the ACT. Time management, anxiety relief and general test-taking skills will also be included in the curriculum. Students will take official previously-administered exams for practice, and progress will be monitored. This class is recommended for college-bound students.

**English**

**English 10**
10 - 1 year, 1 credit
Open to all students
English 10 students will examine works and write in a variety of forms in response to World Literature. This includes works of fiction and nonfiction from Latin, African, Asian and European Literature. Students will read and write about poetry, novels, short stories, dramas, articles and biographies. A special emphasis is given to reading strategies that help students increase their comprehension of complex text as well as writing a variety of evidence based essays.

Pre-AP Literature and Composition 10
10 - 1 year, 1 credit
English 10 students will examine works and write in a variety of forms in response to World Literature. This includes works of fiction and nonfiction from Latin, African, Asian and European Literature. Students will read and write about poetry, novels, short stories, dramas, articles and biographies. A special emphasis is placed on developing rhetorical writing skills, building vocabulary and academic language to prepare students for future Advanced Placement courses. (revision 2015-2016 school year)

English 11
11 - 1 year, 1 credit
Open to all students
English 11 will examine works and write in a variety of forms in response to American Literature. This includes works of fiction and nonfiction from the earliest settlers to Modern Time. Students will read and write about poetry, novels, short stories, dramas, articles and biographies. A special emphasis is given to historical documents such as the Declaration of Independence, Preamble to the Constitution, and the Bill of Rights. Two courses of English 11 are offered - Regular and Advanced Placement. Each course has similar content; however, the courses differ in the material used, the pace of study, and the rigor and amount of homework. (revision 2015-2016 school year)

English 12
12 - 1 year, 1 credit
Open to all students
English 12 students will examine works and write in a variety of forms in response to British Literature. This includes works of fiction and nonfiction from the Medieval Period to Modern Time. Students will read and write about poetry, novels, short stories, articles and biographies. A special emphasis is given to research and the works of Shakespeare. Three choice options for English 12 are offered - Regular, Advanced Placement, and Concurrent English Composition I & II. Each course offers the same general content; however, the courses differ in the materials used, the pace of study, and the rigor and amount of homework. (revision 2015-2016 school year)

English 12 / Oral Comm blend
12 - 1 year, 1 ½ credit (1 English 12 and ½ Oral Comm)
Open to seniors that need both classes
This course meets graduation requirements for English 12 and Oral Communication. Oral Communication and English Language Arts standards, assessments, and activities are embedded in each quarter.

AP Language and Composition
12 - 1 year, 1 credit
Advanced Placement Language and Composition is a college-level course. Students will read nonfiction prose from a variety of periods, disciplines, and contexts; write in a variety of forms for different audiences and purposes; learn to analyze style and apply that analysis to nonfiction prose; complete a research paper according to MLA guidelines; study vocabulary; review grammar, usage, and mechanics of compositions; and prepare for the APLAC exam that is administered in May.

**AP Literature and Composition**
11 - 1 year, 1 credit
Advanced Placement Literature and Composition is a college-level course. Students will read and respond to a variety of literary works; write at least five critical analysis essays each quarter; study a unit of ten vocabulary words per week with a cumulative test each quarter; maintain a portfolio; learn to analyze the elements of style and apply that analysis to short stories, novels, poetry, and drama; improve critical thinking skills; review grammar, usage, and mechanics of compositions; work towards increasing ACT scores; and prepare for the AP exam administered in May.

**English Composition I & II (Concurrent Credit)**
12 - 1 year, 2 credits
(see Northwest Arkansas Community College)

### Language Arts Electives

#### Speech

**Oral Communication**
10, 11, 12 - 1 semester, ½ credit
This course meets high school graduation requirements. Areas covered include the communication process, public speaking, oral interpretation, problem-solving, and mass communications.

**Competitive Speaking I/Oral Communication (Debate I)**
10, 11, 12 - 1 year, 1 credit
This is a speech course offered to students interested in entering competitive speech. Areas of concentration are in dramatic and humorous interpretation, solo and duet acting, readers, theatre, and poetry and prose interpretation. Students practice communicating in different group situations. Students learn how to prepare notes and outlines for speeches and practice giving speeches. With guidance from the speech coach, the students choose and prepare selections for competition. Participation in tournaments is encouraged, but not required. Must be able to meet AAA rules.

**Competitive Speaking II (Debate II)**
11, 12 - 1 year, 1 credit
Prerequisite: Teacher approval
Students participate on the experienced level of competition at tournament. They work on more advanced projects and students may participate at the Arkansas Student Congress. **Tournament participation is required.** Must be able to meet AAA rules.

**Competitive Speaking III**  
(Debate III)  
12 - 1 year, 1 credit  
Prerequisite: Teacher approval  
This course is for the students ready to compete at the championship level at tournaments. Students also serve as peer coaches for less advanced competitors. **Tournament participation is required.** Must be able to meet AAA rules.

**Competitive Speaking IV**  
(Debate IV)  
12 - 1 year, 1 credit  
Prerequisite: Teacher approval  
This course is for the students ready to compete at the championship level at tournaments. Students also serve as peer coaches for less advanced competitors. **Tournament participation is required.** Must be able to meet AAA rules.

**Forensics I**  
HBHS Only  
10,11,12. 1 year, 1 credit  
Prerequisite (none)  
This is a survey course that covers all entry level events. Instruction is given in analysis of prose, poetry and dramatic literature with practice in communicating orally both the intellectual and emotional meanings essential to the interpretation of literature. **Students will also be asked to compete in 1 tournament using the skills that they have learned.**

**Forensics II**  
HBHS Only  
10,11,12. 1 year, 1 credit  
Prerequisite (Teacher approval or successful passing of Forensics I)  
This course is designed to increase skill in the areas of Forensics I. It also includes the introduction of group events where students work as a group to create a finished product are involved in the planning, blocking, and execution of the events. Students will also be asked to provide instruction to introductory level students.

**Journalism**

A maximum of 4 state-approved credits can be received in the Journalism field. Beyond 4 state-approved credits, all other Journalism credit(s) will be local credit, beyond the state minimum of 22 credits. Journalism-Newspaper OR Journalism-Yearbook
Journalism I / Newspaper
10, 11, 12 - 1 semester, ½ credit
Journalism I is a one-semester course designed to introduce students to the world of media. Students in Journalism I will become analytical consumers of media and technology to enhance their communication skills. Writing, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, and produce effective communication. Students will learn journalistic guidelines for writing, design, and photography, which include objectivity, responsibility, and credibility.

Journalism II / Newspaper
10, 11, 12 - 1 year, 1 credit
(May be taken all 3 years for credit)
Prerequisite: B or better in Journalism I or teacher approval
Journalism II is a two-semester course designed to provide students with an intermediate study of media applications above Journalism I. Students will progress in their academic knowledge through the roles of reporters, photographers, ad sales, and marketing team members. Students will learn to apply journalistic guidelines for writing and design, which include objectivity, responsibility, and credibility. In this course, students will publish a quality school newspaper electronically with the primary purpose of providing a means of communication among students, faculty, administration, school board, parents, and community.

Journalism III / Newspaper
10, 11, 12 - 1 year, 1 credit
(May be taken all 3 years for credit)
Prerequisite: B or better in Journalism II or teacher approval
Journalism III is a two-semester course designed to immerse students in the production process through an advanced study of media production. Students will use academic knowledge gained in Journalism I and II to assume leadership roles and/or become advanced writers, designers, and photographers. Students will adhere to journalistic guidelines for writing and design, which include objectivity, responsibility, and credibility. This course is an intermediate study of newspaper production and publication. These students will participate in the publication process from the brainstorming phase to the final product distribution.

Journalism / Yearbook I
10, 11, 12 - 1 semester, ½ credit
This course concentrates on feature writing, yearbook layout and design, theme development, coverage, content, planning and the principles of photography. Students learn the techniques for producing a modern school yearbook. Practical experience includes interviewing, photography, and the business aspects of the high school yearbook. Upon successful completion of this course, students may apply for membership on the Yearbook staff.

Journalism / Yearbook II
10, 11, 12 - 1 year, 1 credit
(May be taken all 3 years for credit)
Prerequisite: Yearbook I or teacher approval
Yearbook II is a two-semester course designed to provide students with an intermediate study of media applications above Yearbook I. Students will progress in their academic knowledge through the roles of
reporters, photographers, ad sales, and marketing team members. Students will learn to apply journalistic guidelines for writing and design, which include objectivity, responsibility, and credibility. In this course, students are responsible for the entire production of the high school yearbook. Using advanced computer technology, students market, design and photograph and copy edit the school’s yearbook.

**Journalism / Yearbook III**  
10, 11, 12 - 1 year, 1 credit  
(May be taken all 3 years for credit)  
Prerequisite: Yearbook II or teacher approval  
Yearbook III is a two-semester course designed to immerse students in the production process through an advanced study of media production. Students will use academic knowledge gained in Yearbook I and II to assume leadership roles and/or become advanced writers, designers, and photographers. Students will adhere to journalistic guidelines for writing and design, which include objectivity, responsibility, and credibility. Yearbook III is an advanced study of yearbook production and publication. These students will participate in the publication process from the brainstorming phase to the final product distribution, and are responsible for the entire production of the high school yearbook.

**English Language Development**

**English Language Development (ELD 1)**  
10,11,12 - 1 year, 1 credit  
ELD 1 is a language course for English learners in their first year in the U.S. who are at the beginning levels of English. The goal is to develop academic language skills necessary for academic and authentic communication.

**English Language Development (ELD 2)**  
10,11,12 - 1 year, 1 credit  
ELD 2 is a language course for English learners who are at intermediate levels of English. The goal is to develop academic language skills necessary for academic and authentic communication. This English as a Second Language service is generally provided to English learners in their second year in the U.S.

**English Language Development (ELD 3)**  
10,11,12 - 1 year, 1 credit; ½ Oral Communication  
ELD 3 is a language course for English learners who are at intermediate/advanced levels of English. The goal is to develop academic language skills necessary for academic and authentic communication. This English as a Second Language service is generally provided to English learners in their third year in the U.S.

**World Languages**

World Language courses are recommended as part of a College and Career Readiness plan. All Modern Languages and Spanish for Heritage and Native Speaker courses qualify as World Language credit. Two consecutive years of the same language is not required for graduation but is highly encouraged for college acceptance and to prepare for Seal of Biliteracy qualification. It is the expectation of Springdale
Schools that students who begin language courses in 8th, 9th, or 10th grade will continue until their senior year.

**ARKANSAS SEAL OF BILITERACY**

The Arkansas Seal of Biliteracy recognizes Arkansas high school students who have studied and attained proficiency in two or more languages. It is awarded by the Arkansas Foreign Language Teachers Association and the Arkansas Teachers of English to Speakers of Other Languages, and is endorsed by the Arkansas State Board of Education.

The Arkansas Seal of Biliteracy is a certification that encourages students to pursue biliteracy, honors the skills students attain, and can be evidence of skills that are attractive to future employers and college admissions offices. Applicants must submit evidence of proficiency in English and another language, along with a consent form and essay. Qualifying students from Springdale will receive an embossed certificate and medal.

[www.ARbiliteracy.org](http://www.ARbiliteracy.org)

[ARbiliteracy@gmail.com](mailto:ARbiliteracy@gmail.com)

**Modern Languages I, II, III, and IV**

Provides basic instruction in pronunciation, aural comprehension, vocabulary, and grammar, and lead to increased communicative and cultural proficiency in the target language(s). Target language cultures, traditions, and current events are introduced on the appropriate level through selected readings, audio/visual recordings, and other authentic materials. Listening, speaking, writing, role-playing and group activities are designed to instruct, reinforce, and connect language skills. Modern Languages I, II, III, and IV include applications, problem solving, higher-order thinking skills, and performance-based and project-based assessments. This course description applies to French, German, Spanish and Chinese languages levels I - IV.

**French I**
9, 10, 11, 12 - 1 year, 1 credit

**French II**
10, 11, 12 - 1 year, 1 credit  
Prerequisite: C in French I

**French III**
10, 11, 12 - 1 year, 1 credit  
Prerequisite: C in French II

**French IV**
10, 11, 12 - 1 year, 1 credit  
Prerequisite: C in French III and/or teacher recommendation

**German I**
10, 11, 12 - 1 year, 1 credit

**German II**
10, 11, 12 - 1 year, 1 credit
Prerequisite: C in German I

**German III**
11, 12 - 1 year, 1 credit
Prerequisite: C in German II

**German IV**
11, 12 - 1 year, 1 credit
Prerequisite: C in German III and/or teacher recommendation

**Mandarin Chinese I**
10, 11, 12 - 1 year, 1 credit

**Mandarin Chinese II**
11, 12 - 1 year, 1 credit
Prerequisite: C in Chinese I

**Mandarin Chinese III**
11, 12 - 1 year, 1 credit
Prerequisite: C in Chinese II

**Mandarin Chinese IV**
11, 12 - 1 year, 1 credit
Prerequisite: C in Chinese III and/or teacher recommendation

**Spanish I**
8, 9, 10, 11, 12 - 1 year, 1 credit

**Spanish II**
10, 11, 12 - 1 year, 1 credit
Prerequisite: C in Spanish I

**Spanish III**
10, 11, 12 - 1 year, 1 credit
Prerequisite: C in Spanish II

**Spanish IV**
10, 11, 12 - 1 year, 1 credit
Prerequisite: C in Spanish III or Spanish for Native Speakers I-III, placement assessment, and teacher recommendation.

**Spanish for Heritage and Native Speakers I, II, and III (SHNS):**
Intended for native speakers (those raised in an environment using mainly Spanish) and heritage speakers (those raised in an environment where the language was most likely spoken in the home). The
courses provide a thorough review of the Spanish language and are conducted entirely in Spanish. Students improve literacy through extensive, varied writing activities and exposure to a variety of Hispanic literature, newspapers, magazines, films, music, and current issues. Language skills are improved through oral presentations, debates, and class discussions in both formal and informal settings. Hispanic culture and traditions are presented to deepen students’ appreciation of the native language. SHNS I, II and III include applications, problem solving, higher-order thinking skills, and performance-based, open-ended assessments with rubrics. Students should be conversant in Spanish.

**Spanish for Heritage and Native Speakers I**
9, 10, 11, 12 - 1 year, 1 credit
Prerequisite: Placement assessment and/or teacher recommendation

**Spanish for Heritage and Native Speakers II**
9, 10, 11, 12 - 1 year, 1 credit
Prerequisite: C in SHNS I, placement assessment, and/or teacher recommendation

**Spanish for Heritage and Native Speakers III**
10, 11, 12 - 1 year, 1 credit
Prerequisite: C in SHNS II, placement assessment, and/or teacher recommendation

**AP Spanish Language & Culture**
10, 11, 12 - 1 year, 1 credit
Prerequisite: C in Spanish III, Spanish IV, or SHNS I, II or III, and AP Spanish teacher recommendation.
This course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. It promotes both fluency and accuracy in language use and does not overemphasize grammatical accuracy at the expense of communication. Students develop awareness and appreciation of products, practices and perspectives, learn language structures in context and use them to convey meaning, and are engaged in an exploration of culture in both contemporary and historical contexts. When communicating, students demonstrate an understanding of the culture(s), incorporate interdisciplinary topics, make comparisons between the native language and the target language and between cultures, and use the target language in real-life settings. In order to best facilitate the study of language and culture, the course is taught in Spanish.

**AP Spanish Literature & Culture**
12 - 1 year, 1 credit
Prerequisites: AP Spanish Language or AP teacher recommendation
This course is designed to provide students with a learning experience equivalent to that of a third-year college course in literature written in Spanish. The course introduces students to the formal study of a representative body of texts from Peninsular Spanish, Latin American, and U.S. Hispanic literature and provides opportunities for students to demonstrate their proficiency in Spanish. Students are provided with ongoing and varied opportunities to further develop their proficiencies across the full range of language skills, with special attention to critical reading and analytical writing, and are encouraged to reflect on the many voices and cultures included in a rich and diverse body of literature written in Spanish. Students will progress beyond reading comprehension to read with critical, historical and
literary sensitivity, and will be able to apply the skills they acquire in this course to many other areas of learning and life.

Social Studies

**World History**
10, 11, 12 - 1 year, 1 credit
The study of the events and forces, which have shaped human life from 1450 to present. The events and forces studied are political, social, or economic in nature.

**AP World History**
10, 11, 12 - 1 year, 1 credit
This course develops greater understanding of the evolution of global processes. Emphasis is on contact and interaction between different human societies over the last one thousand years. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage for today’s new societies. The goals are advanced through a combination of selective factual knowledge and appropriate analytical skills.

**American History**
10, 11, 12 - 1 year, 1 credit
A study of our historical heritage with emphasis from 1890 to present.

**AP US History**
10, 11, 12 - 1 year, 1 credit
Students may take this AP course even if they have already taken regular US History. This survey course covers the discovery and settlement of the New World to the modern era. Major focus is on political, social and economic aspects of American history. The composition portion concentrates on literary analysis, essays on historical trends, and summaries of historical works. It is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in US history. The program prepares students for intermediate and advanced college courses by making demand upon them equivalent to those made by full-year introductory college courses. This course is designed to help students develop skills necessary to arrive at conclusions on the basis of an informed judgement and to present reasons and evidence clearly and persuasively in a debate or essay.

**Civics**
10, 11, 12 - 1 year, ½ credit
**Required course for graduation**
This course is a one semester course designed to introduce students to the rights and responsibilities associated with being an American. Emphasis will be placed on citizen participation in our democratic system in order to learn about the larger goal of civic duty and responsibility in our community as well as our nation.

**Economics**
10, 11, 12 - 1 year, ½ credit
This course meets high school graduation requirements. Economics is a one-semester survey course that is designed to help students gain an understanding of basic economic principles and institutions including scarcity, economic systems, supply and demand, banking, the Federal Reserve, inflation, unemployment, and the role of government in the economy. Students will be expected to participate in class in a number of different ways, including but not limited to, note taking, group work, writing assignments, and class projects. Students' primary resource for this class will be their assigned texts as well as any outside readings provided by the instructor.

**AP United States Government and Politics**  
**HBHS only**  
11, 12 - 1 year, 1 credit  
This class offers the opportunity to gain college credit through taking the AP exam. Both semesters include factual and analytical concepts in government and politics. The content areas for 1st semester, AP Government and Politics: United States, are as follows; current events, constitutional development, the executive, the judicial, the legislative, bureaucracy, political parties, pressure groups, the media, civil rights. The 2nd semester, AP Government and Politics: Comparative, focuses on the governmental development and current events of England, Russia, China, Iran, Nigeria, and Mexico.

**AP European History**  
10, 11, 12 - 1 year, 1 credit  
(*AP European History does not count as World History credit)  
The study of European History since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which we live. The goal is to develop an understanding of some of the principal themes in modern European History, an ability to analyze historical evidence and historical interpretation, and an ability to express historical understanding in writing.

**Psychology**  
10, 11, 12 - 1 semester, 1/2 credit  
This is an introductory psychology class. It emphasizes the scientific study of the behavior of man. The focus is on concepts and terminology in the following subject areas; learning, memory, personality, stress, abnormal behavior, and altered states. The student should be prepared to read, write, work in groups, do presentations, and think.

**AP Psychology**  
11, 12 - 1 year, 1 credit  
The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice.

**AP Human Geography**  
10, 11, 12 - 1 year, 1 credit  
The purpose of this course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental
consequences. Students will see how the population of the world has turned the Earth’s space into place, leaving a human imprint on the land. For example, students will study pop culture, population trends, migration and immigration and urban development.

**Sociology**
10, 11, 12 - 1 semester, ½ credit
Sociology is the study of human populations, social behavior, and group interaction. Subjects explored are: racism and minority groups, adolescence, gender roles and sex stereotyping, the population explosion, cults and propaganda, crime and violence.

**PodClass Omni**
**SHS only**
11, 12 - 1 semester, ½ credit
In this class it is beneficial but not necessary for student to have access to personal smartphone technology for the purpose of downloading or streaming podcasts. Students will need to supply their own earbuds.
This elective class is a study of the interconnectivity of things students might not have known were connected and the unexpected twist and turns of that connectivity. The class uses podcasts for its source material and will use multiple topics with an emphasis on personalized learning based on where the podcasts lead the student. The podcasts include "stories that move you, challenge you, and make you think...your ears are a portal to another world."

**Mathematics**

Four credits of math are required for each student and must be completed during the regular school year in 9th, 10th, 11th, and 12th grades (one per year). Note: All seniors must be enrolled in a math class during their senior year.

**Geometry**
10 - 1 year, 1 credit Prerequisite: Algebra I
Geometry is a course that follows Algebra I. Students study the basic geometric figures while developing an understanding of the formal structure and proof of geometry. This course helps students develop skills in logical thinking needed in higher mathematics.

**Advanced Geometry**
9, 10 - 1 year, 1 credit
Prerequisite: Advanced Algebra I or an A in Algebra I with teacher recommendation.
Geometry is a course that follows Algebra I. Students study the basic geometric figures while developing an understanding of the formal structure and proof of geometry. This course covers the same topics as Regular Geometry but includes plus standards from Arkansas Standards in order to prepare students for Advanced Algebra II.

**Bridge to Algebra II**
10, 11, 12 - 1 year, 1 credit
Prerequisite: Algebra I
Students may enroll concurrently with Geometry (teacher recommendation only) but not concurrently with Algebra II.
(Not a college preparatory course)
Bridge to Algebra II was developed with the intent to provide students who have completed Algebra I, with the additional math foundation they need to be successful in Algebra II.

Algebra II
10, 11, 12 - 1 year, 1 credit
Prerequisite: Algebra I
This course equips college-bound students with a working knowledge of the fundamentals needed for a college algebra course. Algebra II does not serve as a prerequisite for Pre-Calculus.

Advanced Algebra II
10, 11 - 1 year, 1 credit
Prerequisite: Advanced Geometry or an A in regular Geometry with teacher recommendation.
This course is an in-depth study of the algebra needed for higher mathematics such as Pre-Calculus and AP Calculus. Advanced Algebra II is strongly recommended for students who will specialize in fields such as science, engineering, or mathematics. A graphing calculator is recommended for this course.

Pre-Calculus
11, 12 - 1 year, 1 credit
Prerequisite: Algebra I, Advanced Geometry, Advanced Algebra II, and teacher recommendation.
Algebra II does not meet this requirement.
This course is for students interested in continuing their study of mathematics or related fields. Emphasis is on the study of trigonometric functions, analytic geometry, some higher algebraic skills, and other related topics. A graphing calculator is recommended for this course.

Algebra III
11, 12 - 1 year, 1 credit
Prerequisite: Algebra I, Geometry, an A or B in Algebra II, or a C in Algebra II with teacher recommendation.
The purpose is to prepare college-bound students for non-mathematical majors in college. Emphasis is on improving and extending algebraic skills. This course will provide the student with a working knowledge of algebra for College Algebra. This course covers the Arkansas Algebra III frameworks in preparation for College Algebra.

Quantitative Literacy
12 - 1 year, 1 credit
Prerequisite: Algebra 1, Geometry, Algebra 2
This course will emphasize application and modeling of mathematical concepts in real-life contexts which are necessary immediately after high school. A heavy emphasis will be placed on mathematics related to personal and business finances as well as probability and statistics. The course is designed to help students see how mathematical and numerical reasoning can help them make decisions and solve problems arising from real-life scenarios. This course satisfies the state graduation requirements for financial literacy.

Math Ready
12 - 1 year, 1 credit
Prerequisite: Algebra I, Geometry, Algebra II
Students who enroll in this course must be in 12th grade and have successfully completed Algebra II. Math Ready emphasis math concepts and procedures related to real-world situations.

**AP Calculus AB**
11, 12 - 1 year, 1 credit  
Prerequisite: Pre-Calculus
AP Calculus AB is a college level mathematics course covering single-variable differential and integral calculus. This course is equivalent to one semester of calculus at most universities. All students are required to have a graphing calculator and are expected to take the AP exam.

**AP Calculus BC**
11, 12 - 1 year, 1 credit  
Prerequisite: AP Calculus AB
AP Calculus BC is an extension of AP Calculus AB. This course covers topics in single-variable differential and integral calculus including series and parametric, polar and vector function. BC is equivalent to two semesters of calculus at most universities.

**AP Statistics**
11, 12 - 1 year, 1 credit  
AP Statistics is an introduction to the most common statistical concepts including every aspect of data collection, analysis and interpretation. These techniques are used in a wide variety of fields of study. All students are required to have a graphing calculator and are expected to take the AP exam. Students can enroll simultaneously in this class with Pre-Calculus or AP Calculus.

**College Algebra Concurrent Credit**  
(see Northwest Arkansas Community College section)

**College Finite Concurrent Credit**  
(see Northwest Arkansas Community College section)

**College Trigonometry Concurrent Credit**  
(see Northwest Arkansas Community College section)

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### Science

The Springdale School District strongly recommends that college-bound students consider taking a Chemistry, and Physics course in their high school curriculum. Students should also consider taking at least one or two additional science courses as electives. Graduation requirements for the 2020, 2021 graduating classes are different than for the graduating class of 2022 and beyond. The differences are noted in the course description.

**Biology-Integrated**
10, 11, 12 - 1 year, 1 credit  
**New graduation requirement starting with the 2020 graduating class.**
Biology is the standard entry level science course for sophomores. A biology course is required by the ADE for graduation in Arkansas. This course is a laboratory-centered and investigates the major themes
of biological science including: the nature of the cell, the chemistry of living systems, inheritance and study of DNA, plant and animal anatomy and physiology, evolution, classification of living things, and scientific and social issues relating to biology. The course includes group activities, oral presentations.

**AP Biology**

10, 11, 12 - 1 year, 1 credit

Prerequisite: Pre-AP Biology-Integrated or an A in Biology-Integrated and Meets Expectations or Exceeding in Reading on the ACT Aspire. **AP Biology is a science elective and does NOT count for the 3 required science graduation credits.**

AP Biology is equivalent to a two-semester college introductory biology course. The course design will also develop advanced inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines and connecting concepts in and across domains.

**Anatomy and Physiology**

11, 12 - 1 year, 1 credit

Can count for the third science graduation credit for 2022 graduates and beyond ONLY.

Prerequisite: A minimum of a C in Biology; Biology can be taken concurrently with teacher approval. This advanced course concentrates on human anatomy and physiology. As the structures and functions of the body systems are covered in class discussion, detailed dissection of an advanced animal is included. This course is for students interested in a medical field or planning to study advanced biological sciences in college.

**Environmental Science**

11, 12 - 1 year, 1 credit

Can count for the third science graduation credit for 2022 graduates and beyond ONLY

This is a laboratory investigative approach surveying environmental science, earth science, and meteorology through a major emphasis on ecological interactions and man’s use of the earth and its resources. In addition, scientific, social, geographical and economic issues are incorporated in the course work with an emphasis on specific case studies.

**AP Environmental Science**

11, 12 - 1 year, 1 credit

Prerequisite: The AP Environmental Science course is an excellent option for any interested student who has completed two years of high school laboratory science - one year of Biology and one year of physical science. Due to the quantitative analysis that is required in the course, students should also have taken at least one year of algebra.-The goal of the AP Environmental Science course 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 or preventing them.

**Astronomy**

**SHS only**

Can count for the third science graduation credit for 2022 graduates and beyond ONLY.

Astronomy at Springdale High School is designed to introduce students to the night sky and the wonders of the universe in an engaging, hands-on learning environment. The course is designed for students who want to learn practical skills that will enable them to enjoy amateur astronomy as a hobby. It will also
provide enrichment teaching the nature of science, the use of the scientific method, and related topics. The course is additionally designed with the intention of providing enrichment teaching and support as a bridge for students who plan to go on to study physics or other physical sciences, but who first need additional support and preparation. It is recommended that students taking the course should first successfully complete Algebra I. Students in grades 10, 11 and 12 may take the course wherever it is appropriate for their educational and graduation goals, in consultation with their advisor and counselor.

Physics
10, 11, 12 - 1 year, 1 credit
2020, 2021 graduates can count this as a science credit for graduation. Starting with the 2022 graduates Physics is a science elective and does NOT count for the 3 required science graduation credits.
Prerequisite: Grade of A or B in Algebra I or Physics teacher approval.
Prerequisite: Completion of Chemistry-Integrated or Pre-AP Chemistry-Integrated for 2022 Graduates and beyond.
This is a study of the science of matter and energy, which includes motion (mechanics), heat (thermodynamics), sound, light, electricity and magnetism, and atomic theory. Emphasis is on problem solving. Experiments and demonstrations are used to help understand concepts studied. This course is recommended for students who will be required to take physics or physical science in such areas as architecture, nursing, biological science, agriculture, teaching, forestry, food sciences, and computers.

AP Physics I
10, 11, 12 - 1 year, 1 credit
2020, 2021 graduates can count this as a science credit for graduation. Starting with the 2022 graduates AP Physics I is a science elective and does NOT count for the 3 required science graduation credits.
Prerequisite: Grade of B or better in Algebra 2 or its equivalent, or C in Physics, or AP teacher approval.
This is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and regular momentum); work, energy, power mechanical waves and sound. It will also introduce electric circuits.

AP Physics II
11, 12 - 1 year, 1 credit
2020, 2021 graduates can count this as a science credit for graduation. Starting with the 2022 graduates AP Physics II is a science elective and does NOT count for the 3 required science graduation credits.
Prerequisite: C in Advanced Algebra II, or C in Physics, or AP teacher approval.
This is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics; and atomic and nuclear physics.

AP Physics C-Mechanics
10, 11, 12 - 1 year, 1 credit
2020, 2021 graduates can count this as a science credit for graduation. Starting with the 2022 graduates AP Physics C- Mechanics is a science elective and does NOT count for the 3 required science graduation credits.
Prerequisites: Currently in AP Calculus AB, BC, or teacher approval.
Instruction will be provided in six content areas: Kinematics; Newton’s laws of motion; work, energy, and power; systems or particles and linear momentum; circular motion and rotation; and oscillations and gravitation. The course is designed for students planning careers in engineering, architecture, physics,
chemistry, mathematical sciences, and advanced computer sciences. Students will take the AP exam for college credit and/or advanced placement in their college degree program.

**AP Physics C-Electricity and Magnetism**
10, 11, 12 - 1 year, 1 credit
2020, 2021 graduates can count this as a science credit for graduation. Starting with the 2022 graduates AP Physics C- Electricity and Magnetism is a science elective and does NOT count for the 3 required science graduation credits.
Prerequisites: Currently in AP Calculus AB, BC, or teacher approval.
Students will develop a deep understanding of foundational principles of physics in electricity and magnetism by applying these principles to complex physical situations that combine multiple aspects of physics rather than present concepts in isolation. Students will develop critical thinking skills through applying methods of differential and integral calculus to formulate physical principles and solve complex physical problems.

**Chemistry-Integrated**
10, 11, 12 - 1 year, 1 credit
This course is a required science course for further science study, 2022 graduates and beyond ONLY. Prerequisite: Successful completion of Physical Science-Integrated and Biology-Integrated.
This is a laboratory investigative approach to the understanding of chemistry as a science. Students gather information related to the structure of matter and seek to arrange this information into meaningful patterns. Strong emphasis is on reasoning and problem-solving in preparation for the ACT. Laboratory experiments demonstrate chemical principles covered in classroom work. Use of basic algebra is essential.

**Pre-AP Chemistry-Integrated**
HBHS only
10, 11, 12 - 1 year, 1 credit
Prerequisite: Minimum of a C in Pre-AP Biology-Integrated. A strong math background including algebra is highly recommended.
PreAP Chemistry-Integrated is a first year chemistry course designed to meet the needs of the student who plans on continuing on the science track or taking a college chemistry class. If a student plans on continuing into AP Chemistry, this is a prerequisite.

**AP Chemistry**
11, 12 - 1 year, 1 credit
Prerequisite: A minimum of C in PreAP Chemistry-Integrated and scores Meets Expectation or Exceeding on Reading ACT Aspire. A strong math background including algebra is highly recommended.
This year is the equivalent of first-year general college chemistry; thus, students who complete it and do well on the AP exam will receive college credit for the course. The course differs qualitatively from the usual high school course in chemistry in the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical equilibrium, kinetics, and thermodynamics, experimentation, and research techniques. There is a required project. Students are required to take the AP exam for college credit and/or advanced placement in their college degree program.
The following description is for all options of the Instrumental Music program. To enroll in these choices, you must have a recommendation from the band directors. Instrumental music in the high school band places emphasis on performance. The band performs at football games, marching contests, parades, Christmas concerts, etc. Participation and quality of marching and playing are stressed.

**Attendance at all performances is required.**

**Sophomore Band**
(Instrumental II)
10 - 1 year, 1 credit
Prerequisite: Recommendation of Jr. High band director.
*This course consists of Marching Band combined with Symphonic Winds, Concert Winds, Varsity Winds, or Band Methods.

**Junior Band**
(Instrumental III)
11 -1 year, 1 credit
Prerequisite: Recommendation of band director.
*This course consists of Marching Band combined with Symphonic Winds, Concert Winds, Varsity Winds, or Band Methods.

**Senior Band**
(Instrument IV)
12 -1 year, 1 credit
Prerequisite: Recommendation of band director.
*This course consists of Marching Band combined with Symphonic Winds, Concert Winds, Varsity Winds, or Band Methods.

*Instrumental Music Ensembles*

**Marching Band**-The marching band performs at halftime of all home football games. The band travels to all away football games when transportation is available. The marching band performs at various marching contest throughout the first semester. **Attendance at all performances is required.**

**Symphonic Winds**-Performs quality music at a quality level; studies wind and orchestra literature from all periods of music. Emphasis is on performance and on individual improvement. This ensemble is active in All-Region and State music festivals. **Attendance at all performances is required.**

**Concert Winds**-Emphasis is on performance of band music and individual student progress. This ensemble is active in the same concerts and festivals as the Symphonic Winds. **Attendance at all performances is required.**
**Varsity Winds**—Emphasis is on performance and individual student progress. This ensemble is active in the same concerts and festivals as the Symphonic and Concert Winds. **Attendance at all performances is required.**

**Band Methods**—This course is for students needing additional fundamental musical training. Emphasis is on tone production, rhythm skills, scale development, and general musical knowledge. **Attendance at all performances is required.**

**Jazz Band I**  
10 - 1 year, 1 credit  
Prerequisite: Audition only  
The Jazz Band performs at all home basketball games and several concerts per year. Travel is sometimes required. Emphasis is on jazz, blues, funk, and rock styles, as well as improvisational techniques.

**Jazz Band II**  
11 - 1 year, 1 credit  
(See Jazz Band I description)

**Jazz Band III**  
11 - 1 year, 1 credit  
(See Jazz Band I description)

**AP Music Theory**  
11, 12 - 1 year, 1 credit  
Prerequisite: Band, Choir or 2 years of piano (must read pitches on a staff, recognize duration of notes, and knows or can easily learn basic keyboard skills).  
This course is designed for those students interested in pursuing a career in music. They can learn the basics of music theory and composition. This course is also important to students who want to further their music studies after high school. Students will train in aural skills (ear training), basic composition, and basic music theory in accordance with The College Board Advanced Placement Program Music Theory Course Description. This course will help prepare students for the AP exam.

**A Capella Choir**  
**SHS only**  
10, 11, 12 - 1 year, 1 credit  
Prerequisite: Teacher approval  
Emphasis is on the study of music through performance of choral literature from all periods. The choir participates in concerts, clinics, contests, and regional, state, national, and international events and is musically active throughout the year. **Attendance at all performances is required.**

**Colla Voce-Women**  
**SHS only**  
10, 11, 12 - 1 year, 1 credit  
Prerequisite: Teacher approval  
Emphasis is on performance and individual student improvement. This ensemble is active in the same concerts and events as A Capella Choir. **Attendance at all performances is required.**
Sophomore Select Choir  
**SHS only**  
10 - 1 year, 1 credit  
Prerequisite: Teacher approval  
Emphasis is on performance and individual student improvement. This ensemble is active in the same concerts and events as A Capella Choir. **Attendance at all performances is required.**

Concert Women  
**SHS only**  
10, 11, 12 - 1 year, 1 credit  
Prerequisite: Teacher approval  
This course is for students needing additional fundamental musical training before entering a performing group. Emphasis is on tone production, rhythm skills, scale development, and general musical knowledge. **Attendance at all performances is required.**

Unity  
**SHS only**  
11, 12 - Non-Credit Course  
Unity is an auditioned group selected in May for the following school year. Unity performs for school events, civic and community organizations. In addition, Unity presents the annual SHS Renaissance Christmas Feast. **All rehearsals are after school hours. All Unity members must be members of the A Capella Choir.**

Male Chorus  
**SHS only**  
10, 11, 12 - 1 year, 1 credit  
Prerequisite: Teacher approval.  
Emphasis is on performance of men’s music. THis course is for students needing improvement and musical skills and vocal development.

Camerata Singers  
**HBHS only**  
10, 11, 12 - 1 year, 1 credit  
Prerequisite: Teacher approval.  
Emphasis is on the study of music through performance of choral literature from all periods. The choir participates in concerts, clinics, contests, regional, state, national, and international events. The choir is musically active throughout the year. **Attendance at concerts and contest is required.**

Strata Singers  
**HBHS only**  
10, 11, 12 - 1 year, 1 credit  
Prerequisite: Teacher approval.  
Emphasis is on performance and individual student improvement. This ensemble is active in the same concerts and events as the Camerata Singers. **Attendance at all performances is required.**

Male Chorus
HBHS only
10, 11, 12 - 1 year, 1 credit
Prerequisite: Teacher approval.
Emphasis is on performance and individual student improvement. This ensemble is active in the same concerts and events as the Camerata Singers. Attendance at all performances is required.

Bel Canto
HBHS only
10, 11, 12 - 1 year, 1 credit
Prerequisite: Teacher approval.
Emphasis is on the study of music through performance of choral literature from all periods. The choir participates in concerts, clinics, contest, regional, state, national, and international events. The choir is musically active throughout the year. Attendance at all performances is required.

Select Singers
HBHS only
10, 11, 12 - 1 year, 1 credit
Prerequisite: Teacher approval.
Emphasis is on performance and individual student improvement. This ensemble is active in the same concerts and events as the Camerata Singers. Attendance at all performances is required.

ART

Art I
10, 11, 12 - 1 year, 1 credit
No prerequisite
Art I is designed for students who have a strong interest in art. Painting, drawing, printmaking, and sculpture media will be explored. Students will gain confidence in using design principles to create original, personal works of art. The works of past and present artists will be presented, and students will gain fluency in the universal language of art.

Drawing I
10, 11, 12 - 1 year, 1 credit
No prerequisite
Drawing I is a two-semester course that provides practice in application of artistic processes and skills. Students learn the basics of line, contour, shading, texture, perspective, composition, and action drawing. Students will create several original works of art and compile a portfolio of their artwork. Projects are based on subjects such as still life, landscape and inventive forms and may incorporate media such as charcoal, graphite, ink, and collage. Students explore form and structure from observation and imagination through the use of line, shape, value and texture.

Drawing II
10, 11, 12 - 1 year, 1 credit
Prerequisite: Drawing I
This is an advanced drawing class for the serious studio student artist who comes to it with prior experience. It is designed to further develop his/her existing drawing skills, while continuing to introduce
and explore a variety of tools and mediums. Emphasis will be placed on the further growth of all aesthetic qualities as they relate to a more complicated visual means of expression.

**Painting I**
10, 11, 12 - 1 year, 1 credit
Prerequisite: Full year of Art I or Drawing I
This course is designed for beginners and those who have minimal painting experience. Students will learn the basics of handling a variety of color media and explore various techniques and subject matter. We will cover the fundamentals of composition, tone, and blending colors. One-on-one and group discussions will also touch upon concepts crucial to the creative process. Technical demonstrations and short writing projects will complement our studio work.

**Painting II**
11, 12 - 1 year, 1 credit
Prerequisite: Painting I
Further development of painting methods, techniques, individual style and concepts on various surfaces. Painting II continues the introduction to the basic skills, techniques and processes of painting developing further the student’s understanding of the principles and conventions of composition and pictorial space. Projects are designed to foster a deeper appreciation of the technical and conceptual history of painting with ample opportunities for individual interpretation and expression. Painting II continues to build both observational and experimental skills and increases conceptual and individual thinking.

**AP Art History**
**HBHS only**
11, 12 - 1 year, 1 credit
The AP Art History course explores such topics as the nature of art, its uses, its meanings, art making, and responses to art. Through investigation of diverse artistic traditions of cultures from prehistory to the present, the course fosters in depth and holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, constructing understanding of individual works and interconnection of art-making processes and products throughout history. AP Art History is designed to be the equivalent of a two-semester introductory college or university art history survey course.

**Ceramics I**
10, 11, 12 - 1 year, 1 credit
No prerequisite
This class is designed for beginners. An introductory studio consisting of both hand and wheel methods of construction. The course will include an examination of clay, glaze, decoration methods, and firing process. It is for students who have an interest in working with clay, and gives them experiences in making functional as well as sculptural pieces, using a variety of techniques. Well thought out forms, designs and functional uses along with good craftsmanship are emphasized. They will also be exposed to ceramic history and appreciation through videos, discussion, written assignments, including reflective writing, research papers, demonstrations, and critique sessions.

**Ceramics II**
10, 11, 12 - 1 year, 1 credit
Prerequisite: Art I or Ceramics I
This course will introduce advanced ceramic techniques and projects. Students will develop and enhance skills learned in the Ceramics I class, as well as refine and experiment with new materials and techniques. It will include advanced student exposure to various cultural connections throughout the history of ceramics, expanded knowledge of tools and techniques, and exposure to the artisans currently involved in the ceramic process. They will also be exposed to ceramic history and appreciation through videos, discussion, written assignments, including reflective writing, research papers, demonstrations, and critique sessions.

**Sculpture**
10, 11, 12 - 1 year, 1 credit  
Prerequisite: Art I or Ceramics I  
This course will build a strong, practical branch of visual art focusing on the techniques and processes of three-dimensional art (in the round and relief) such additive, subtractive, assemblage, and casting sculpture. Students will complete sculptural projects that show how the elements and principles of art can create a good design for a piece of art. They will also be exposed to sculptural art history and appreciation through videos, discussion, written assignments, including reflective writing, research papers, demonstrations, and critique sessions.

**Visual Art Appreciation**
10, 11, 12 - ½ year, ½ credit  
No Prerequisite  
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.

**Art History (Prehistoric to Renaissance)**
10,11,12 - 1 semester, 1/2 credit  
No prerequisite  
Art History (Prehistoric to Renaissance) is a one-semester course designed to teach students the significance of art throughout history. Students in Art History (Prehistoric to Renaissance) will examine periods of art history from around the world, with emphasis on art from ancient civilizations, classic civilizations, the Middle Ages, and the Early and High Renaissance. Students will examine characteristics of art including themes, artists, major works of art, media, and processes involved in creating works of art that is unique to each period of art; explore societal influences on art from each period and the impact art from each period has had on society; apply basic terminology and higher-order thinking skills and draw inferences from works of art and artists from each period of art history. Art History (Prehistoric to Renaissance) will satisfy the ½ credit fine arts requirement for graduation.

**Art History (Baroque to Postmodern)**
10,11,12 - 1 semester, 1/2 credit  
No Prerequisite  
Art History (Baroque to Postmodern) is a one-semester course designed to teach students the significance of art throughout history. Students in Art History (Baroque to Postmodern) will examine
periods of art history from around the world, with emphasis on Baroque, Rococo, Pre-Modern, Modern, and Postmodern art. Students will examine characteristics of art including themes, artists, major artworks, media, and processes involved in creating artwork that is unique to each period of art. Students will explore societal influences on art from each period, and the impact art from each period has had on society. Additionally, students will apply basic terminology and higher-order thinking skills and draw inferences from artwork and artists from each period of art history.

**AP Studio Art 2-D**
**HBHS only**
12 - 1 year, 1 credit
Prerequisite: Full year of Art III and teacher recommendation.
In this course, highly motivated students develop a portfolio of 24 2-D artworks (paintings, drawings, photographs, collages, printmaking, etc.) under the guidelines of the College Board. At the end of the year, instead of a written examination, each student is required to submit a digital portfolio of twelve works that reflect a variety of artistic concerns, as well as a series of twelve works exploring a personal idea or theme. Five of these 24 works are mailed to the College Board as well, for assessment. AP Studio Art is considered a college-level course; due to the demanding requirements, the need for a strong personal interest in art, excellent individual work habits, and a willingness to work several hours outside of the class are essential for success, along with a willingness to work with others in building the community in the art classroom. Students will present their works publicly in a spring exhibition. A fee is required.

**AP Studio Art 3-D**
**HBHS only**
12 - 1 year, 1 credit
Prerequisite: Full year of Art III and teacher recommendation.
In this course, highly motivated students develop a portfolio of sculptures, under the guidelines of the College Board. At the end of the year, instead of a written examination, each student is required to submit a digital portfolio of works that reflect a variety of artistic concerns, and a digital portfolio of works exploring a personal idea or theme. AP Studio Art is considered a college-level course; due to the demanding requirements, the need for a strong personal interest in art, excellent individual work habits, and a willingness to work several hours outside of the class are essential for success, along with a willingness to work with others in building the community in the art classroom. Students will present their works publicly in a spring exhibition. A fee is required.

**AP Studio Art**
12 - 1 year, 1 credit
Prerequisite: Full year of Art III and teacher recommendation.
In this course, highly motivated students develop a portfolio under the guidelines of the College Board. At the end of the year, instead of a written examination, each student is required to submit a digital portfolio of twelve works that reflect a variety of artistic concerns, as well as a series of twelve works exploring a personal idea or theme. Five of these 24 works are mailed to the College Board as well, for assessment. AP Studio Art is considered a college-level course; due to the demanding requirements, the need for a strong personal interest in art, excellent individual work habits, and a willingness to work several hours outside of the class are essential for success, along with a willingness to work with others.
in building the community in the art classroom. Students will present their works publicly in a spring exhibition. A fee is required.

**Theatre**

**Theatre I**
10, 11, 12 - 1 year, 1 credit
This is an introduction to theatre. Class time is spent learning the basics of drama performance. Units include: improvisation, voice and movement, pantomime, monologues, acting and script reading. This class is for the student who would like to overcome stage fright and get a taste of what theater is all about.

**Theatre II**
10, 11, 12 - 1 year, 1 credit
Prerequisite: Theatre I and teacher recommendation.
This class is a continuation of Theatre I. Students will cover units in acting techniques, theatre terminology, theatre history, portfolio, script writing, radio, TV, film and interpretation. Students are encouraged to participate in play performances.

**Theatre III**
12 - 1 year, 1 credit
Prerequisite: Theatre II and teacher recommendation.
This class is for students with a serious interest in theatre. Students polish their talents in performance and technical theatre and continue to work on their portfolio and audition scenes to prepare for college scholarships as well as serving as actual production staff. Students assume more individual responsibility for production and participation as performers, technicians and theatre management crews. Grading is based on participation and accomplishment of duties assigned.

**Health & Physical Education**

**Health**
10, 11, 12 - 1 semester, ½ credit
Basic health offers information for healthy living. The course includes wellness, mental health, stress management and suicide prevention, physiology of exercise, information on diabetes, cancer and cardiovascular diseases, training in CPR, family life education, sexually transmitted diseases, and the effects of tobacco, alcohol, and drugs on the body. This course is required for graduation. *Beginning 2015-2016, all health classes will consist of a blended delivery that includes an online component in addition to classroom teacher instruction.*

**Life Sports: Bowling**
**SHS only**
10, 11, 12 - 1 semester, ½ credit
Bowling offers basic instruction in fundamentals and techniques of bowling. The first nine weeks are used to learn to keep score, establish average and handicap, and develop techniques. The second nine weeks are competition. **Note: Bowling instruction requires that students go by school bus to local bowling lanes. The cost is $1 a day to bowl.**
General PE
10, 11, 12 - 1 semester, ½ credit or 1 year, 1 credit
THis course consists of general physical education activities, i.e. volleyball, tennis, soccer, basketball, weight training, social dance, badminton.

Athletics

Information for all sports and performing groups:
A physical exam is required before ALL tryouts. Parents must attend the parent meeting. All students must have a coach's' approval to sign up. Students must meet the guidelines of the Arkansas Activities Association (grades, age, residence, etc.) and policies of the Athletic Department. Practices may be before school, after school, or weekends. Some travel may be required. All teams are competitive. Random drug testing is required. All athletics follow state frameworks. Some require the purchase of special equipment by the student.

Sophomore Football
10 - 1 semester, ½ credit
Preseason practice begins the first week of August and lasts until school starts. The junior varsity and sophomores play a nine game schedule with area schools.

Varsity Football
11, 12 - 1 semester, ½ credit
All interested boys should sign up for seventh period football. Preseason practice begins the first week of August and lasts until school starts. The junior varsity and sophomores play a nine game schedule with area schools. The varsity plays a ten game schedule and competes in the 7A West Conference.

Physical Training
10, 11, 12 - 1 semester, ½ credit
This course develops the upper and lower body through a rigid running and weight training program. Fundamentals in exercise, conditioning, nutrition, muscle development, and motor skills are emphasized. There is weight-training competition with area schools.

Boys Cross Country / Girls Cross Country
10, 11, 12 - 1st semester only, ½ credit
All boys and girls should sign up for seventh period cross country for the fall semester. Practice begins before the school year in August. A full schedule will be established for sophomore, junior varsity, and varsity teams.

Boys Basketball / Girls Basketball
10, 11, 12 - 1 year, 1 credit
All students interested should sign up for seventh period basketball. Tryouts are set in the spring by the coaches. A full schedule of competition will be established for sophomore, junior varsity, and varsity teams.

Girls Volleyball
10, 11, 12 - 1 year, 1 credit
This sport is open to girls in grades 10-12. A tryout period will be held in March or in April of this school year. Practice begins in August before school starts. There is a 16-20 game schedule including weekend tournaments. The team is limited to the top 25-30 players. Volleyball meets before school and is scheduled for 1st period.

Boys Track / Girls Track
10, 11, 12 - 1 semester, ½ credit
All boys and girls interested should sign up for seventh period track second semester. A full schedule of competition will be established.

Girls Fast-Pitch Softball
10, 11, 12 - 1 semester, ½ credit
This sport is open to all girls in grades 9-12. Any girl trying out for the team must meet the guidelines set forth by the Arkansas Activities Association (grades, age, residence, etc.) and policy set forth by the High School athletic department. The tryout period will be in May for the next year. The top 20-25 players are chosen for the varsity and junior varsity team. A full schedule of competition will be established.

Boys Soccer / Girls Soccer
10, 11, 12
SHS-1 semester, ½ credit (Spring semester)
HBHS-1 year, 1 credit
All interested boys and girls should sign up for soccer when announced. Tryouts for these teams are held during the fall. A full schedule of competition will be established.

Boys Baseball
10, 11, 12 - 1 year, 1 credit
All interested boys should sign up for baseball second semester. Tryouts for the team will be held in November. A full schedule of competition will be established.

Tennis
10, 11, 12 - 1 year, 1 credit
The Tennis Team is open to all high school students’ grades 9-12. Students trying out for tennis team must meet the Arkansas Activities Association guidelines and Springdale Athletic Department policy. Tryouts will be held in April for the next school year and students must have a medical physical to try-out. Practice begins in August before school starts. Tennis is 7th period during the school year and students must be willing to stay after school for practices and scheduled matches. Varsity Tennis Boys is the top 6 players and Varsity Tennis Girls is the top 6 players. JV Boys and JV Girls play when additional match time permits during the season.

Golf
9, 10, 11, 12
SHS-1 semester, ½ credit (Fall only)
HBHS-1 year, 1 credit
The High School Golf Team is a competitive sport. There is competition with area schools, along with, conference and state matches. The team is limited to the top 12-14 players. Only six students are eligible for the team. 9th graders are eligible to tryout for the team. Tryouts will be held in April and practices begin in August before school begins.
Mens & Womens Swim & Dive Team
9, 10, 11, 12 - 1 year, 1 credit
In this competitive sport, open to all men and women in grades 9-12, swimmers practice the four competitive strokes, turns, and starts. At season’s peak team members will swim 2-3 miles per practice. All interested students should speak to the coach, sign-up, and tryout at least one month prior to the beginning of the season. There is a timed, skill-based tryout prior to the beginning of the season; the top 25-32 swimmers are chosen to make up the team. A competition schedule will be established.

Wrestling
10, 11, 12 - 1 year, 1 credit
This sport is open to students in grades 9-12. Any student trying out for the team must meet the guidelines set forth by the Arkansas Activities Association (grades, age, residence, etc.) and policy set forth by athletic department. The tryout period will be in the fall for the next year’s team and announced at the schools. The top athletes are chosen for the varsity and junior varsity team. A full schedule of completion will be established.

Dance Team
10, 11, 12 - 1 year, 1 credit
The composition of each group is determined by tryouts. Tryouts for the following year are in the spring. In order to be in the tryouts in the spring, students must have been in attendance from the beginning of the semester.

Cheerleading Team
10, 11, 12 - 1 year, 1 credit
The composition of each group is determined by tryouts. Tryouts for the following year are in the spring. In order to be in the tryouts in the spring, students must have been in attendance from the beginning of the semester.

Business & Information Technology

Accounting, Finance, Marketing and Work-Based Learning

Business Law I
10, 11, 12 - 1 semester, ½ credit
This is a one-semester course designed to acquaint the student with the many applications of law governing our business and personal affairs in today’s legal environment and dynamic marketplace. Topics will include criminal law, civil (tort) law, enforcement procedures and the courts, regulatory law for business firms, consumer protection, and contract law.

Business Law II
10, 11, 12 - 1 semester, ½ credit
This is a one-semester course covering standards of law which govern our business and personal affairs in today’s legal environment and dynamic marketplace. It is designed to help students better understand the business world in which they live, gain confidence in conducting business, and be better prepared to
recognize legal problems in management of an enterprise. Topics will include credit and bankruptcy, employment and agency, forms of business organization, real and personal property, and insurance.

Computerized Accounting I
10, 11, 12 - 1 year, 1 credit
Students will learn basic accounting principles required in keeping accurate financial records for a business. Students will learn how to record and analyze the daily activities of a business. Students will create financial statements such as Income Statements, Balance Sheets, Bank Reconciliation Statements and Capital Statements using Microsoft Excel. This course is an entry level course for all students with an interest in business. Required course for accounting majors; elective for all business majors.

Computerized Accounting II
11, 12 - 1 year, 1 credit
Prerequisite: Computerized Accounting I
The accounting principles learned in Accounting I will be expanded and further developed using more complex business situations. They will be applied to the departmental and corporate systems. This class is totally computerized, using spreadsheets and accounting software. This is a good choice for any student who plans to major in business or work in an accounting or financial field. Required course for accounting majors; elective for all business majors.

Entrepreneurship
10, 11, 12 - 1 year, 1 credit
Entrepreneurship is a one year course designed to offer an overview of the American business enterprise system. A study of various forms of ownership, internal organization, management functions, and financing as they relate to business. The course content focuses on the concepts and practices of small business ownership and management; risk management; the use of technology; legal, ethical, and social obligation of business; savings and investments; taxes and government. Any student that is interested in business and/or owning their own business should take this course. Required course for entrepreneurship major; elective for most business majors.

Financial Planning / Wealth Management
HBHS only
10, 11, 12 - 1 year, 1 ½ credits (½ credit Economics, ½ credit Personal Finance and ½ credit of elective)
This course introduces students to the basic concepts of economics and financial literacy and then builds on these topics to provide a more in-depth study of wealth management and personal financial planning. Components of financial planning and strategies used in the accumulation and conservation of wealth are the focus. Strategies for investing, tax, insurance, retirement planning, and estate planning are studied. In addition, basics of business financial planning are discussed, including the purpose and use of financial statements in making business decisions.

IB Business Management HL
SHS only
(See IB section for details.)
HL Year 1
HL Year 2
Introduction to Supply Chain Management

**SHS ONLY**
10, 11, 12 - 1 year, 1 credit

Introduction to Supply Chain Management & Logistics is a year long course that introduces students to the supply chain and logistics industry. The content emphasizes beginning knowledge key to the success of working in the supply chain & logistics industries. Students study and gain a basic understanding of logistics, transportation, operations, warehousing, supply chain technology, transportation systems, SCOR model, and customer service skills ultimately learning how to buy, make and deliver products. Students will have the opportunity to explore careers in the supply chain and logistics industry. Any student that is interested in the steps involved in moving a product or service from supplier to customer should take this course. Required course for supply chain management major; approved elective for some business majors.

Marketing
10, 11, 12 - 1 year, 1 credit

This course merges traditional marketing with electronic environments. Students will learn the concepts, principles, and skills common to marketing. Topics include the four “P”s” of Marketing: Pricing, Product Planning/Development, Promotion, and Place. In addition, they will learn how to ethically and legally use the Internet, email, search engines, and other electronic forms of communications as a marketing tool. While enrolled in this course, students are expected to be a dues-paying member of DECA, an association of marketing students. Students may also participate in a work-based learning experience for additional school credit. Required course for marketing major; elective for most business majors.

Marketing Management
11, 12 - 1 year, 1 credit
Prerequisite: Marketing

Marketing Management develops decision-making skills through the application of marketing and management principles. It focuses on organizational models, conflict resolution, finance, advertising, buyer behavior, technology, and social aspects. While enrolled in this course, students are expected to be a dues-paying member of DECA, an association of marketing students. Students may also participate in a work-based learning experience for additional school credit. Elective for most business majors.

Marketing Apprenticeship
11, 12 - 1 year, 1 or 2 credits
Prerequisite: Enrollment in Marketing or Marketing Mgmt.

Students will be allowed to leave campus early to work at an approved marketing job, earning up to 2 credits per year. It is the student’s responsibility to find an appropriate job. The supervising teacher will provide assistance with job leads. Grading consists of quarterly conferences between the employer and supervising teacher. Students must have at least a 2.0 GPA, a good discipline and attendance record, and work a minimum of 135-270 hours per semester. Students are required to join DECA, a vocational students organization for marketing students. See the counseling office for an application. Allowed for up to two periods. Elective for most business majors.

Personal Finance
10, 11, 12 - 1 semester, ½ credit

This is a one-semester course designed to increase financial literacy and prepare students to successfully manage financial resources. This course also focuses on the individual’s role and financial
responsibilities as a student, citizen, consumer, and active participant in the business world. This course satisfies the state graduation requirements for financial literacy.

Sports and Entertainment Marketing Credit
HBHS only
9-12  1 Semester ½ credit
Sports and Entertainment Marketing is designed to provide students with an understanding of marketing concepts, foundations, and functions as they relate to career opportunities in the growing area of sports and entertainment. Instruction will focus on public relations and publicity, event planning and marketing, sponsorship, venue design, concessions, risk management, product planning, licensing, ticket sales, and distribution.

Software Applications

All Students: Computer Business Applications (CBA) covers the fundamental computer skills needed to do well in high school and college and needed in all careers. At many universities computer applications classes are no-credit courses. Students are expected to be able to use word processing, spreadsheet, database, presentation, and sometimes web page software when they enter college.

Computerized Business Applications (CBA)
8, 9, 10, 11, 12- 1 year, 1 credit
Computerized Business Applications is a year long course in which students learn to apply the Microsoft Office learning package, networking, internet research, Google Apps and other computer skills. The course is designed to prepare students with an introduction to business applications that are necessary to live and work in a technological society. The course exposes students to practical examples of the computer as a useful tool and acquaints them with the proper procedures to create documents, presentations, spreadsheets with technical graphs and charts, and beginning database skills. All students should take this class to have the computer skills needed to do well in their other classes, college, and careers. Students will also test and become a Microsoft Office Specialist in each of the Microsoft Office Software packages upon completion of the course. **Required course for all business majors.**

Web Technologies
SHS only
10, 11, 12  1 year, 1 credit
This course is an exploration of all of the elements of good web page design. Students will investigate several Adobe software packages to enhance web sites such as:
- Adobe Photoshop to create and edit graphics
- Adobe Flash to create animations and web banners
- Adobe Premiere to create and edit videos and audio
- Understanding and coding web pages in HTML5 and CSS
- Designing and creating Adobe Dreamweaver web pages

Students will complete several real world projects such as Posters, Flash videos, Commercials or other videos, web pages, and their Senior Electronic Portfolio. Certification in Adobe Premiere Pro and
Dreamweaver will be encouraged. Required course for web design and programming majors; approved elective for some majors.

**Adv. Database Applications**
10, 11, 12 - 1 semester, ½ credit
Prerequisite: CBA
Students with advanced knowledge of database are widely sought after in today’s era of huge databases as evidenced in companies such as Wal-Mart, Wal-Mart vendor companies, JB Hunt, Tyson, and the like. Students will work with multiple table operations, forms and reports. Students will learn advanced database features to manipulate and present data through advanced queries, calculated controls, macros, switchboards, subforms, subreports, joins, relationships, and more. Students will also be provided the technical skills to write basic SQL queries. Students will complete real world projects. This course is available to all students who meet the prerequisite. Students will concentrate on certification in Access. Required or suggested course for web design and programming, entrepreneurship, marketing and supply chain management; elective for most majors.

**Adv. Spreadsheet Applications**
10, 11, 12 - 1 semester, ½ credit
Prerequisite: CBA
In today’s world, students must not only be able to use advanced spreadsheet tools, they must be able to analyze the data to maximize a company’s profits. In this course, students will define and solve financial and logical problems using Excel. Students will design, create, update and maintain workbooks, professional charts, templates, macros, and pivot tables. Students will write formulas, link and consolidate multiple worksheets, create lookup tables, and explore other advanced features. Emphasis will be on the student’s ability to analyze business data to make decisions about products, projects and strategic forecasting using real world data. Students will concentrate on certification in Excel. This course is available to all students who meet the prerequisite. Required or suggested course for accounting, entrepreneurship, marketing and supply chain management; elective for most majors.

**Programming and Computer Science**

Students who plan to take AP Computer Science A and IB Computer Science HL are recommended to take Computer Science with Programming Level 1 and 2 in the 9th grade and Computer Science with Programming Level 3 and 4 in the 10th grade to allow for AP Computer Science A in the 11th grade and IB Computer Science HL in the 12th. Any student can take these courses except for IB Computer Science HL. AP Computer Science Principles, AP Computer Science A, and IB Computer Science carry a 5 point A and count towards Honor Graduate Status.

**AP Computer Science Principles**
10, 11, 12 - 1 year, 1 credit
AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. Students will write mobile apps for their phones using App Inventor. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computation artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich
curriculum that aims to broaden participation in computer science. *Required course for cybersecurity, web design, and programming & computer science majors; approved elective for most majors.*

**Computer Science with Programming Level 1**  
10, 11, 12- 1 semester ½ credit  
This course teaches beginning programming in a fun, exciting manner. Students will begin with block-based programming using Finches and MicroBits. Students will then advance to programming in 3D worlds populated with objects, creatures, and characters resulting in animations and simple interactive video games (Alice 3). This course is designed to be a nontargeting beginning course for all students, including those students who might be leery of a highly technical course. *Required courses for Cybersecurity, Web Design, and Programming & Computer Science majors; approved elective for most majors.*

**Computer Science with Programming Level 2**  
10, 11, 12-1 semester ½ credit  
This course will have students transition from block-based to text-based programming as they transition to Java. This course is also designed to be a nonthreatening beginning course for all students as they phase into harder concepts and features. Emphasis is on fundamental programming concepts using good design and programming techniques that will transfer to all languages. *Required courses for Cybersecurity, Web Design, and Programming & Computer Science majors; approved elective for most majors.*

**Computer Science with Programming Level 3**  
10, 11, 12- 1 semester, ½ credit  
Software: Java  
*Prerequisites: Computer Science with Programming Levels 1 & 2 OR teacher approval*  
Emphasis is on fundamental programming concepts using good design and programming techniques in java that will transfer to other languages. The Finch Robot is used to provide students with a tangible and physical representation of their code. This course is designed to be a nonthreatening beginning course for all students, including those students who might be leery of a highly technical course. *Required course for Cybersecurity, Web Design, and Programming & Computer Science majors; approved elective for most majors.*

**Computer Science with Programming Level 4**  
10, 11, 12- 1 semester, ½ credit  
Software: Java  
*Prerequisite: Computer Science with Programming Level 3*  
Students will develop programs that have a graphical user interface using frames, panels, buttons, text fields and many other features that make a program appealing to the user. Students will be able to develop programs such as a language translator, grade calculator, a dice game, Tetris and more. *Required course for Cybersecurity, Web Design, and Programming & Computer Science majors; approved elective for most majors.*
AP Computer Science A
11, 12  1 year, 1 credit
Software: Java
Prerequisite: Algebra II AND Computer Science Programming Level 3 and 4 OR Teacher Recommendation.
This course is the equivalent of the first year course in computer science at colleges and universities. It emphasizes object oriented programming methodology as well as the study of algorithms, data structures, and abstraction. Students who score sufficiently high on the AP exam may be granted college credit from participating universities. This course is for students planning on majoring in computer science, engineering, IT, mathematics or other technical fields. Required courses for cybersecurity, web design, and programming & computer science majors; approved elective for most majors.

IB Computer Science HL
SHS only
12 - 1 year, 1 credit
Prerequisite: AP Computer Science (See the IB Section for more detail.)
HL Year 1
HL Year 2

Cybersecurity

Advanced Information Security I
SHS only
10, 11, 12
1 semester, ½ credit
Students will learn the skills necessary to identify, understand, and analyze threats to the digital and physical security of systems. Students will ensure system and data integrity through troubleshooting using Cisco devices and Packet Tracer. Students will accomplish tasks and solve problems independently and collaboratively with the tools and skills needed to be successful in college and careers. Students will participate in Cyber Patriot; a National Youth Cyber Defense Competition. The competition puts teams of high school students in the position of newly hired IT professionals tasked with managing the network of a small company. In the rounds of competition, teams are given a set of virtual operating system images and are tasked with finding vulnerabilities and hardening the system while maintaining critical services. Teams compete for the top placement within their state and region, and the top teams in the nation earn all-expenses paid trips to Baltimore, MD for the National Finals Competition where they can earn national recognition and scholarship money. Required course for Cyber Security major.

Advanced Information Security II
SHS only
10, 11, 12,
2nd semester, ½ credit
Prerequisite: Advanced Information Security I and II
Continuation of concepts covered in Advanced Information Security I. Required course for Cyber Security major.
Advanced Networking I
SHS only
11, 12 1 semester, ½ credit
Prerequisite: Advanced Information Security I and II
Continuation of concepts covered in Advanced Information Security I and II. Emphasis on on the skills necessary to design, develop, and maintain reliable and secure services, devices, and applications in various networked environments. Students will explore, apply, and advance toward mastery of network analysis through troubleshooting, administration, and efficiency. Continued participation in Cyber Patriot competitions.

Advanced Networking II
SHS only
11, 12 1 semester, ½ credit
Prerequisite: Advanced Networking I
Continuation of concepts covered in Advanced Networking I. Emphasis on on the skills necessary to design, develop, and maintain reliable and secure services, devices, and applications in various networked environments. Students will explore, apply, and advance toward mastery of network analysis through troubleshooting, administration, and efficiency. Continued participation in Cyber Patriot competitions.

Senior Tech Seminar
SHS only
12 - 1 year, 1 credit
Prerequisites: Advanced IT Courses, Application, AND Teacher Approval
In this project-based course, students are assigned actual technology projects from the school district and/or local businesses. Students who are chosen will be expected to maintain high ethical standards and produce timely, quality work as well as behave in a responsible, dependable manner. Students who do not meet these criteria, have excessive absences, or have disciplinary issues may not be allowed to continue second semester.

Professional & Technical

Fundamentals of Advertising and Graphic Design
SHS only
10, 11 - 1 year, 1 credit
Prerequisites: None
Fundamentals of Advertising and Graphic Design is a project-based course that focuses on creating computer graphics for print or web. The emphasis is on Adobe Creative Cloud Photoshop and Adobe Creative Cloud Illustrator. Students gain an extensive working knowledge of these programs and use them to create computer graphics, art, T-shirt designs, photo restorations, animations, and much more. This course is extremely beneficial for students going into art, advertising, animation, photography, or web design. Students are encouraged to join SkillsUSA, a career and technical student organization that provides many competitive events opportunities. Required course for Advertising/Graphic Design major.
Intermediate Advertising and Graphic Design
SHS only
11, 12 - 1 year, 1 credit
Prerequisites: Introduction to Advertising and Graphic Design or teacher approval.
Intermediate Advertising and Graphic Design teaches advanced skills in Adobe Photoshop and Illustrator. Projects include graphic design, photo manipulation, corporate IDs, T-shirt design, website design, and more. Students are encouraged to join SkillsUSA, a career and technical student organization that provides many competitive events opportunities. *Required course for advertising/graphic design major.*

Advanced Advertising and Graphic Design
SHS only
11, 12 - 1 year, 1 credit
Prerequisite: Fundamentals AND Intermediate Advertising/Graphic Design
Advanced Advertising and Graphic Design takes the best, most important and relevant components of Fundamentals and Intermediate Advertising/Graphic Design courses, and expands them for the serious third year student. Students will continue learning Adobe CC Photoshop, Illustrator, and InDesign, as well as other artistic software packages. Students are expected to pass online certification exams in Adobe CC Photoshop and Illustrator. Students are encouraged to join SkillsUSA, a career and technical student organization that provides many competitive events opportunities. *Required course for advertising/graphic design major.*

**Hospitality Management**

Tourism Industry Management
SHS only
10, 11, 12- 1 year, 1 Credit
Tourism Industry Management is a one year course that provides students the knowledge to manage and operate a business in the tourism industry. The content includes but is not limited to customer service, management and supervisory development, management theory, decision making, organization, communications, human relations, leadership training, personnel training, travel counseling, reservationists, ticketing, tour development, security, sales, travel and tourism accounting, marketing, and convention management, applicable local, state, and federal laws and asset management.

Hospitality Administration
SHS only
10, 11, 12- 1 semester, ½ credit
Hospitality Administration is a one semester in depth study of the hospitality industry. Students will become familiar with careers in hospitality and the primary segments of the industry. The course will also cover the importance of personal presentation, communication skills, guest satisfaction, the ability to perform basic business math, along with basic marketing concepts.

Arkansas Tourism Industry
SHS only
10, 11, 12- 1 semester, ½ credit
Arkansas Tourism Industry is a one semester course designed to familiarize students with Arkansas careers in hospitality and the opportunities available to promote travel and tourism in the state. Emphasis
will be on the food industry, transportation industry, lodging industry, and tourist attractions within the various geographical locations in the state.

Drafting

**Drafting and Design / CAD**
10, 11, 12 - 1 year, 1 credit
Drafting and Design focuses on the basic knowledge and skills required to produce engineering and architectural drawings. Emphasis is on the development of competencies related to the use of drafting equipment, the production of beginning level engineering drawings, the production of beginning level architectural drawings and the implementation of computer aided drawing. This course has a strong emphasis in CAD (computer aided design). While learning the same computer programs professional engineers and architects use, you will also create 3D printed objects.

**Architectural Drafting and Design/CAD**
11, 12 - 1 year, 1 credit
Prerequisite: C or better in Drafting & Design or teacher permission.
This course is a natural follow-up to Drafting and Design / CAD since it uses the same skills, but broadens the application of various fields in industry. Best taken with the LAB (SHS) or Arch 2 (HBHS) so you can make custom or advanced projects. Architectural Drafting focuses on the knowledge and skills required to plan and prepare scale pictorial interpretations of plans and design concepts for residential buildings. You will be able to create architectural floor plans, 3D views, animations, elevations, site plans, electrical plans and more.

**Architectural Drafting & Design LAB**
**SHS only**
11, 12 - 1 year, 1 credit
Co-requisite: Should be taken with Architectural Drafting and Design / CAD 1
Make your own unique, custom versions of class projects from Architectural Drafting and Design / CAD 1 at your own pace. You will be able to evaluate your custom projects regularly with virtual reality (headset, touch-ready, and walk-around area). You will make realistic physical models of your house, digital versions, formal hand drawings, sketches, printouts, and more. While learning the same computer programs professional architects use, you can also gain official industry and government certification in-class to gain advantage on your resume.

**Architectural Drafting & Design/CADD 2**
**HBHS only**
11, 12 - 1 year, 1 credit
Prerequisite: Can only be taken concurrently with architecture drafting and design/CADD
This lab is a necessity for the architecture student to have time to fully develop the drafting skills and design skills required for a competent architect. Projects will include the production of scale models. The computer drafting and design programs have a steep learning curve; thus, the extra time is crucial.

Engineering, Architecture, and CADD

The Engineering Academy has a partnership with *Project Lead The Way* at Arkansas Tech University. These are technical classes that count as an elective and are available to all students and Academy students.
**Principles of Engineering (POE)**

**SHS only**

10, 11, 12 - 1 year, 1 credit

10th for Academy members

If you like to build things, use power tools and computers this class is for you. In this class you will build with simple machines, create scale models, learn about materials and how to test them and explore and use motors, lights, circuitry, gears and pneumatics. This is a course that helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problems solving process to benefit people. The course also includes concerns about social and political consequences of technological change. College credit available.

**Civil Engineering and Architecture (CEA)**

**SHS only**

11, 12 - 1 year, 1 credit

11th for Academy members

Students will discover the differences and similarities between civil engineering and architecture. They will explore the historical impacts of important developments and how they have influenced the progress of humankind. Students will develop projects from ground level through completion with both the civil engineering and the architecture of facilities and structures and how they work together.

**Engineering CAD 1**

**HBHS only**

11, 12 - 1 year, 1 credit

Prerequisite: Drafting and Design

Students will develop competencies related to solving drafting and design problems that require understanding and application of a wide range of technical knowledge and critical-thinking skills. This course is designed to allow students to produce drawings using three dimensional computer models.

**Engineering CAD 2**

**HBHS only**

11, 12 - 1 year, 1 credit

The lab provides an opportunity for the engineering student to draw three dimensional computer models as well as building physical models of bridges and robotic parts. Students will explore basic elements of engineering design.

**Engineering Design and Development**

**SHS only**

12 Academy - 1 year, 1 credit

Prerequisite: POE, CEA and Academy Member

This is an engineering research course in which students work in teams to research, design and construct a solution to an open-ended engineering problem of their choosing. Students apply principles developed in the preceding courses to include software applications, build and test of design solutions, and are guided by a community mentor. They must present progress reports, submit a final written report and defend their solutions to a panel of outside reviewers at the end of the school year. Students will do a final presentation of their design to community members, technical advisors, peers and other interested parties.
Robotics and 3D Modeling (CIMS)

SHS only
11, 12 - 1 year, 1 credit
Robotics and 3D Modeling, CIMS (Computer Integrated Manufacturing Systems)
In this class you will learn and apply principles of automated manufacturing. You will program a robot arm, use a CNC (Computer Numerical Control) Milling machine and integrate the two to perform tasks together. The course includes basic computer modeling skills. Actual models of your three-dimensional designs can be produced using CNC equipment. College credit available.

Robotics I and II

HBHS only
11, 12 - 1 semester each, ½ credit each
Robotics follows a virtual curriculum guide that allows students to program a virtually assembled robot. Through the Virtual Worlds software, students can traverse different obstacles with their robot both through programming and through a remote control. By the end of the year students will become proficient in using the VEX platform of programming known as RobotC. This will later help them in future years of the robotics classroom when they get to build and program their own real life robot.

Digital Electronics

SHS only
10, 11, 12 - 1 year, 1 credit
If you are interested in computers, robotics and electronics this is a class for you. You will learn how to design circuits, test and build them. You will program a small robot, put your name in lights and learn all basic designing skills. This is a project based course in applied logic that encompasses the application of electronic circuits and devices. Computer simulation software is used to design digital circuitry prior to the actual construction of circuits and devices. Students learn how integrated digital circuits work, how to design a circuit, how to simulate and then build and test their designs. Examples of students designs, which are designed and built by the students, are alarm systems, traffic light systems, clocks, displays, vending machine systems and many more. Students also learn how to program chips such as gals and microprocessors to perform similar tasks including maneuvering a small robot. College credit available.

Robotics Level 1

SHS only
10, 11, 12 - .5 year, ½ credit
This class offers an opportunity to learn basic coding skills while building a robot to compete in competitions with surrounding schools. This class current uses VEX materials and coding. This class is .5 computer science credit.

Robotics Level 2

SHS only
10, 11, 12 - .5 year, ½ credit
Prerequisite: Robotics Level 1
This class builds on coding skills and building skills learned in Robotics L1. The robot built will compete in area contest. This class is .5 computer science credit.

Robotics Level 3
SHS only
10, 11, 12 - .5 year, ½ credit
Prerequisite: Robotics Level 1 and Level 2
The student will continue to build their coding and building skills. The robot will compete in area competitions with surrounding schools. This class is .5 computer science credit.

Robotics Level 4
SHS only
10, 11, 12 - .5 year, ½ credit
Prerequisite: Robotics Level, Level 2, and Level 3
This class offers advanced coding skills as well as building skills. The robot will compete in area competitions with surrounding schools. This class is .5 computer science credit.

3D CADD Design - Introduction to Engineering Design
SHS only
10, 11, 12 - 1 year, 1 credit
If you like computers and designing things on them this is the class for you. You will use Inventor to design different systems and then print them on the 3D printer. This is a course that teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using solid modeling computer design software. This 3D software, Inventor, is used to animate designs and analyze them. Students use it to analyze systems and then build them. College credit available.

Aerospace Engineering (AE)
SHS only
12 - 1 year, 1 credit
AE explores the evolution of flight, navigation and control, aerospace materials, propulsion, space travel, and orbital mechanics. In addition, this course presents alternative applications for aerospace engineering concepts. Students analyze, design, and build aerospace systems. They apply knowledge gained throughout the course in a final presentation about the future of the industry and their professional goals.

Construction Technology
HBHS only
Introductory Craft Skills
10, 11 - 1 year, 1 credit (Strongly encouraged 10th grade)
This is the introductory course for students interested in the many areas of the construction industry. The course provides a solid foundation for learning the following major trade areas: carpentry, electrical wiring, plumbing, bricklaying, concrete work, and drywall installation. The course explains how the construction industry is organized and how to successfully gain employment. It also covers the need-to-know information for the daily activities associated with working in the construction industry, including safety, basic math, use of tools, and blueprint reading. SkillsUSA Leadership Training will also be covered in order for the students to learn techniques valuable and securing employment in any field. Students will have the opportunity to earn their NCCER credentials and 10 hours OSHA card.
Structural Building Systems
11, 12 - 1 year, 2 period block class, 2 credits
Prerequisite: C or better in Mathematics or Teacher approval
This is a two-period long block class. It will cover the basics of home construction: the material used, tool and job site safety, common construction methods and terminology from site layout to finished product. SkillsUSA leadership training will also be covered in order for the students to learn techniques valuable in securing employment in any field. An excellent attendance record will be necessary as there will be a considerable amount of “hands-on” project work.

Mechanical and Piping Systems (formerly Construction II)
11 - 12, 1 credit, 1 year
Prerequisite: Introductory Craft Skills, C or better in math or teacher approval.
An introductory level course on the fundamentals of piping systems and their usage in residential, commercial and industrial installations. Learning comes from a combination of school provided curriculum, project based exercises and extension opportunities.

Advanced Mechanical and Piping Systems
11 - 12, 1 credit, 1 year
Prerequisite: Electrical Systems or Teacher approval.
A project based course designed to develop advanced electrical skills. Projects include industrial automation controls and other projects determined by the instructor.

Electrical Systems
11 - 12, 1 credit, 1 year
Prerequisite: Introductory Craft Skills, C or better in math or Teacher approval.
An introductory level course on the fundamentals of electrical circuits and their usage in residential, commercial and industrial installations. Learning comes from a combination of school provided curriculum, project based exercises and extension opportunities.

Advanced Electrical Systems
11, 12 grade, 1 year, 1 credit
Prerequisite: Electrical Systems or Teacher approval.
A project based course designed to develop advanced electrical skills. Projects include Industrial controls and other projects determined by instructors.

Manufacturing and Technology Design (CNC)
10, 11, 12 - 1 semester, ½ credit
No prerequisite required
Students will learn to design software and cut out initial projects on the CNC machine.

Intermediate Manufacturing and Technology Design (CNC)
10, 11, 12 - 1 semester, ½ credit
Prerequisite: Student must have completed Introduction to Manufacturing and Technology and Design course. Students will develop more complex projects and be introduced to additional software.

Advanced Manufacturing and Technology Design (CNC)
10, 11, 12 - 1 semester, ½ credit
Prerequisite: Student must have completed Intermediate Manufacturing and Technology Design course. Students will transition to design software for specific projects that will incorporate 3D designs. They will also learn the Cabinet designs software package and construct modular cabinet projects.

Television Production

Television Productions is the creative hub for the Springdale Public Schools. Students in Television Production can work on everything from sports to movies, from commercials to news stories. Students in this program can work behind the scenes or on the air on our Cable Channel that airs in ALL of Northwest Arkansas. Due to the expense of the equipment and the fact that TV students represent the school in everything they do, only students who are responsible, have good attendance, and who are seriously interested should sign up for the introductory course.

Fundamentals of Television
1 year, 1 credit
Required course before taking any other TV course
Students will learn the fundamentals of videotaping, camera handling, rules of photographic composition, editing on Macintosh computer, television journalism, and introduction to reporting, anchoring, and studio production. Students will also get an introduction to the production side of video. Students will get an opportunity to create news stories, commercials, short films, and learn how to carry themselves in a professional setting. Students must take fundamentals of television to enter into any other class in the program.

Intermediate Television (School News)
HBHS - Har-Ber Wildcat News
SHS - Bulldog News
1 year, 1 credit (May be taken more than one year for additional credit.)
Prerequisite: Fundamentals of Television AND selection by the instructor.
Students produce a daily television announcement/news/magazine program which will be aired on local cable as well as closed circuit TV within the school. Students may specialize in one or two aspects of television production, but all students are required to produce independent stories for inclusion in the program. Students are required to work one evening production per semester.

TV Broadcasting Advanced
HBHS - Wildcat Entertainment
SHS - Bulldog Alley
1 year, 1 credit (May be taken more than one year for additional credit.)
Prerequisite: Fundamentals of Television AND selection by the instructor.
Students create and produce short movies for our cable channel and varieties of film festivals. Production of this show will utilize writing, acting, video, and editing capabilities. Students who take this class need to be self-motivated, creative, and willing to work before or after school. Our film programs are recognized regionally and statewide.

Television Lab
HBHS - Live Event Productions
1 year, 1 credit (May be taken more than one year for additional credit.)
Prerequisite: Fundamentals of Television AND selection by the instructor.
Students in this class will focus on the production aspect of the video industry. Students will focus on working with client based commercial projects, shooting and editing live events and working on longer form productions for school based events.

Television Lab

SHS - Bulldog Alley, Bulldog News, and DogBite
1 year, 1 credit (May be taken more than one year for additional credit.)
Prerequisite: Fundamentals of Television AND selection by the instructor.
Students create and produce Bulldog Alley, Bulldog News, and DogBite. Bulldog News produces a show about events and activities at Springdale High School. Bulldog Alley showcases short films, music videos, and stop motion projects produced by students enrolled in the program. DogBite is a production that concentrates on reality-style filming in the world of culinary arts. Students will use the lab to gain higher knowledge of production skills used in shooting, graphics remote productions, and editing. Students will be required to cover some evening games and special events.

Springdale District TV
Available for both SHS and HBHS Seniors
12 - 1 year, 2 credits
Block 2-hour class
Prerequisite: Seniors only, Fundamentals of Television AND selection by the instructor.
Springdale District TV is your opportunity to apply your skills in a real life setting. You will work inside the Springdale School District Communications offices making television shows for the Springdale Television channel. This class is the capstone experience to your television broadcasting skills. Students will apply pre-production, production, and post production skills to industry standard job descriptions. This class is a block class. Students have the choice to take a morning or afternoon block. Students will work with the Media Coordinator, Communications Director and ESL Communications Director. Students will also have many opportunities to work alongside industry professionals and create products for community members.

Agriculture

The SHS Agriculture Academy is for student who wish to learn job skills in the agriculture or food industry. These courses concentrate on animal systems, plant systems, mechanical systems, and food science. Students in the SHS Agriculture Academy are required to enroll in SHS Agriculture Academy English and Math courses and at least one agriculture class per semester. Agriculture courses are open to all students.

Survey of Agricultural Systems
HBHS only
10, 11, 12 - 1 year, 1 credit
A foundation course for all agriculture programs of study. Topics covered include general agriculture, FFA, leadership, supervised agricultural experiences, animal systems, plant systems, agribusiness systems, food production and processing, biotechnology, natural resources systems, environmental service systems, power, structural, and systems.
Horticulture

Nursery / Landscape
10, 11, 12 - 1 semester, Credit: .5
This course covers the production of plants, shrubs, and ornamental trees for transplanting to landscape designs. Propagation, designing plans, installation, maintenance, transportation, and careers are included in the curriculum.

Plant Science
10, 11, 12 - 1 year - 1 credit
This course covers the relationship between plants and people, plant morphology and physiology, plant production, the environment, soil, and other related areas. This course allows for an in-depth look at Plant Science while providing hands on laboratories, and opportunities to participate in FFA and Supervised Agricultural Experiences.

Greenhouse Management
10, 11, 12 - 1 semester, ½ credit
Greenhouse Management will take up where Horticulture left off. Students will learn in detail the skills to operate a commercial greenhouse including how to order, plant, manage and market greenhouse plants.

Agricultural Food Science
No prerequisite/Can be taken simultaneously
*order does not matter

Agricultural Food Science I
SHS only
10, 11, 12 - 1 year, 1 credit
This is a course that teaches the processes and techniques involved in the development of food products. A heavy emphasis will be placed on projects designed to actually create new food products and go through the process of making the product market-ready. Students will be expected to think creatively about new food products that would sell, and then practically follow the processes to make the creative element into a reality.

Agricultural Food Science II
SHS only
11, 12 - 1 year, 1 credit
This is a course designed to teach students how to turn raw food ingredients into a finished food product that is ready to sell. An emphasis will be placed on marketing, advertising, and business concepts, as well as on food preparation, taste testing, and market evaluation. Students will work in a lab setting to create new foods, and then use marketing concepts to create an advertising campaign that maximizes profits and sales.

Animal Sciences
Animal Science
10, 11, 12 - 1 year, 1 credit
The course is structured to enable all students to have an overview of the Animal Industry. Topics covered in Animal Science include the Animal Industry, Animal Handling and Safety, Animal Anatomy/Physiology, and Animal Nutrition. Opportunities are provided for students to participate in FFA and supervised experience activities.

Advanced Animal Science (Beef Science)
10, 11, 12 - 1 semester, ½ credit
Beef Science offers students a chance to identify and learn about over 30 breeds of beef cattle. Additionally, students will learn how to manage, feed, and care for beef cattle. Students will perform procedures on cattle, prepare beef products to eat, and design livestock facilities.

Advanced Animal Science (Poultry Science)
10, 11, 12 - 1 semester, ½ credit
Poultry Science will allow students to understand the largest industry in Arkansas, the Poultry Industry. This class also introduces students to identification, selection, and management of poultry. This hands-on class will incubate and grow poultry within Animal Science lab at the school. Additionally, processing and marketing ideas will also be introduced.

Advanced Animal Science (Equine Science)
10, 11, 12 - 1 semester, ½ credit
Equine Science is the study of horses. Students will learn to identify breeds, colors, and types of horses. This class also includes laboratory exercises where students will learn basic horse care, understand anatomy and physiology, and know how to select horses and different types of horse tack.

Veterinary Science
HBHS only
10, 11, 12 - 1 year, 1 credit
Students will learn skills needed to become a veterinary assistant. Students learn basic veterinary medical terminology, restraining methods, breeds of animals, tools used in veterinary medicine, and basic symptoms for diseases that affect livestock and small animals. There will be many hands-on activities where students will have the opportunity to work with live animals.

Agriculture Mechanics

Agricultural Electricity
10, 11, 12 - 1 year, 1 credit
Students learn the principles of electricity and wiring systems, their relationships, and their applications to agriculture. Students also learn about electrical safety, recognize and use the tools and equipment of this occupation, learn Ohm’s Law and the basic theory of electricity, the uses of electricity and conductors, cables and devices, and wire circuits safely and correctly.

Agricultural Power Systems
10, 11, 12 - 1 year, 1 credit
The course covers technological skills in operating, maintaining, and repairing small gasoline engines as they are related to the agriculture industry. Students get a working knowledge of a 2 and 4-cycle gasoline engines. Each student must supply his/her own Briggs & Stratton engine and is required to put the knowledge gained to use by completely tearing down the engine and reconstructing it. In the course of this reconstruction, the students perform various tests on the component parts.

Agricultural Metals
SHS only
10, 11, 12 - 1 year, 1 credit
This includes compressed gas and electric principles used for welding, brazing, cutting, and heating metals as they relate to agriculture. The first semester includes the principles of oxyacetylene welding and arc welding. Identification of tools and equipments used in the welding trade, operation of equipment, and safety in both processes are included. The second semester includes more difficult welding and cutting skills. Metal Inert Gas (MIG) and Tungsten Inert Gas (TIG) welding are introduced.

Small Engine Technology
HBHS only
10, 11, 12 - 1 semester, ½ credit
The course examines the use of small engines in all areas of agriculture. The major topics covered in this course include small engine selection, maintenance, repairs, and employment skills.

Agriculture Mechanics
SHS only
10, 11, 12
No prerequisites
This course connects scientific principles with mechanical skills. The course will develop understanding and skills in the traditional areas or agricultural mechanics including the following: safety, construction, metal technology, small engines, graphics, tool maintenance, woodworking, concrete and masonry, electricity, and plumbing. Supervised experience and FFA will be integrated, as appropriate throughout the course.

Family & Consumer Sciences

The Family and Consumer Science Department is an NWACC partner.

Some of the courses listed below can provide college credit. See the NWACC section for more details.

Family and Consumer Science
10, 11, 12 - 1 year, 1 credit
This core course gives students the basic information and skills necessary to be effective within the family and within a changing and complex society. Emphasis is on the development of competencies relate to Family, Career, and Community Leaders of America; 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 and money management as
well as the use of credit cards and banking services. Students should have a full understanding of basic life skills. **This is a required course to be a FACS vocational completer.**

**Leadership & Service Learning**  
10, 11, 12 - 1 semester, ½ credit  
Course emphasizes the importance of leadership skills, volunteerism, and professionalism in the development of personal qualities. It focuses on the benefits of community service, leadership.

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**Food Services**

**Food Safety and Nutrition**  
1 year, 1 credit  
Note: At SHS, students signing up for this course should list Nutrition and Wellness as an alternate course.  
This course focuses on Nutrition, meal planning and preparation of a variety of foods, good consumer practices, kitchen management, food lab preparations and the development of essential food safety practices need to select, receive, store, prepare, and prepare food. Students will learn to create and implement an environment of food safety procedures based on the latest FDA Food code and local regulations. At the completion of this course students will have the ability test for the National Restaurant Association, Serv-Safe Certification.

**Nutrition and Wellness**  
**SHS only**  
10, 11, 12 - 1 semester, ½ credit  
Nutrition and Wellness enables students to analyze the interaction of nutrition, foods, and fitness for overall wellness of individuals and families throughout the lifespan. In this course students will develop nutrition and fitness habits to make wise decisions regarding healthy living and prevention of disease through these practices. As active learners, students develop higher order thinking skills and academic skills in the areas of math, science, language arts and social studies through the evaluation of relevant nutrition and wellness information. This course is recommended for all students regardless of their career cluster or pathway, in order to build basic nutrition and wellness knowledge and skills, and is especially appropriate for students with interest in human services, wellness/fitness, health, or food and nutrition related career pathways.

**Chemistry of Food**  
**HBHS only**  
10, 11, 12 - 1 year, 1 credit  
Prerequisite: Foods and Nutrition or C in Science  
$5 lab fee  
This hands-on course helps students understand specific facts and principles about food science, food safety and the nutritional components of food. It is a lab-oriented class that includes careers in food science, food-processing regulations, safe handling of food and effects of food on a chef, restaurant manager, food service marketer, health inspector or dietician. Must participate in FCCLA.

**Food Production, Management & Services**  
**SHS only**
Emphasis in this course is given to the development of competencies related to employability; technology in food production, management and services; sanitation and safety; nutrition as related to food service; serving food; purchasing, receiving, and storing food supplies; production and management of food; use, care and storage of large and small commercial foodservice equipment; menu planning; and modified diets.

**General Family and Consumer Sciences**

**Clothing Management I**
10, 11, 12 - 1 semester, ½ credit
Students develop skills to manage their individual and family wardrobes, for decision making as a clothing consumer, and for understanding the role of the clothing and textile industry in the economy. Emphasis is on clothing selection; the clothing needs of the family; wardrobe coordination; clothing care; characteristics of fibers; types of fabrics and fabric finishes; laws and regulations for textiles industry; use and care of sewing supplies and equipment; fabric selection; clothing construction techniques; jobs and careers; computer use and the effects of technology on the industry. After the first nine weeks, the focus shifts to a lab-oriented classroom with students constructing garments at their own expense.

**Clothing Management II**
10, 11, 12 - 1 semester, ½ credit
Prerequisite: Clothing Management I
Experiences in the Clothing Management II course are 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. A $20 lab fee is required.

**Human Relations**
10, 11, 12 - 1 semester, ½ credit
Human Relations focuses on the development of skills needed in order to build and maintain successful relationships in the home, community, and workplace. Emphasis is given to the development of competencies related to personality development, decision-making, communication, relationships outside the family, and careers in the field of human relations. Upon completion of this course, the student should have a better understanding of self; know how to communicate effectively; and be able to establish and maintain effective relationships with family members, peers and others.

**Educational Professions**

The Teaching Academies at Springdale and Har-Ber High Schools is a rigorous 10-12th grade program with an emphasis on careers in Education. It is designed to foster growth of students who have expressed an interest in teaching and to prepare them for success in college.

**Goal:** To entice students to pursue the rewarding career of teaching.
**Mission:** Inspire...Lead...Teach
Entrance into the Teaching program of study requires an application, two teacher recommendations, and a 2.5 GPA. Students must be on grade level in both literacy and math.

The teaching program of study offers the following to students: Monthly guest speakers to explore postsecondary and career options Resume and Letter of Application building. Field trips to institutions of higher education such as: UCA, UA, NWACC and UA Global Campus. Workplace learning opportunities - job shadowing of classroom teachers and 15 hours per year of observation in elementary, middle, and junior highs and volunteer work in schools.

**Orientation to Teaching I**
10, 11, 12 - 1 year, 1 credit
Are you interested in becoming a teacher? If the answer is yes or if you are just curious, then this is the course for you. You will learn what it is like to be a teacher. You will design lesson plans, learn how to do bulletin boards, research different teaching strategies, and be creative in lesson delivery. The history of education in America will be taught as well as studying current educational issues, policies, and practices.

**Orientation to Teaching II**
11, 12 - 1 year, 1 credit
Prerequisite: Orientation to Teaching I
The first semester, Education Technology, introduces computer applications for use in any classroom or training setting to impact learner achievement. The second semester, Educational Methods and Assessment, emphasizes models of instruction, concepts of measurement, and skills of assessment to enhance learner achievement. Students plan and practice a variety of teaching strategies in a classroom lab environment, using the Arkansas Frameworks as a basis for content standards and assessment methods. Students document rubric development, research skills, reflective practice, and interactive communication in professional portfolios.

**Childcare Management**

**Child Development and Parenting**
10, 11, 12 - 1 year, 1 credit
This course helps students understand the challenges and responsibilities of guiding physical, social, emotional, and intellectual development of children. Understanding Children, their needs and the forces which influence them, helps students gain self-understanding. In addition, student will explore the responsibilities of parenthood, the challenges parents face, and the rewards of parenting. Concepts emphasized in this course include preparation for parenthood, prenatal and postnatal care, childbirth through the age of 12, health and safety of children, the cost of raising a child, behavior guidance, techniques, and parenting challenges.

**Childcare/Guidance Management and Services**
SHS: 11, 12 - 1 year, 2 credits (2 Period Block Class)
HBHS: 11, 12 - 1 year, 1 credit
Prerequisite: Child Development or Parenting and teacher recommendation/application required.
NWACC Articulated Course
To be eligible for this class you have to have taken Child Development and Parenting or be enrolled in these classes in conjunction with Childcare. Membership in FCCLA is required. Membership is $15. Students enrolled in this class are also required to purchase a class T-shirt. Application and instructor approval is required for this course.
Contents include: employability skills, career opportunities in child care, duties of child care workers, types of child care programs, facilities, legal aspects of the field, health and safety of children, guiding children’s behavior, and experiences in childcare management. This course is for students desiring to enter teaching, early childhood occupations. Childcare lab experience is required. If requirements are met, certification as a childcare teacher assistant, or aide, can be obtained from the Arkansas Dept. of Workforce Development.

Medical Professions

The Medical Professions Academy and the Medical Professions Department are NWACC partners. Some of the courses listed below can provide college credit. See the NWACC section for more details. (HBHS only) The Medical Education Services at HBHS are partnered with NTI for some medical certifications that can be completed during the junior and senior year for our MEdS students. There is an application process for this option.

Medical Professions Education is designed to provide students who are interested in any medical professions with a foundation for completion of a technical certification, an associate degree, or higher levels of education in any of over 200 medical fields.

HBHS Medical Honors:
Must be a medical completer, including Foundations of Health Care, Medical Terminology, and Anatomy & Physiology, plus 1/2 credit of either Human Behaviors and Disorders or Clinical Medical Internship for a total of 3.5 credits with 3.0 GPA by spring semester of senior year.

Foundations of Health Care:
10,11,12 - 1 Year, 1 Credit
This course is designed to introduce students to medical professions and the basic foundation skills for first aid and treatment of patients. This is a foundation course for education and training in health services.

Medical Terminology
11, 12 - 1 Year, 1 Credit
(Non-Academy students must take this course to be eligible for National Medical Honor Society membership.) - SHS only

NWACC Articulated Course - SHS only
Medical Terminology assists students in developing the language used for communication in the healthcare profession. This course introduces prefixes, suffixes, and word roots used in the language of medicine. Topics include medical vocabulary and the terms that relate to the anatomy, physiology, pathological disorders and treatment of the diseases involving each body system. Previous medical professions classes or enrollment in anatomy and physiology would be helpful.

Anatomy & Physiology:
11, 12 - 1 Year, 1 Credit
Prerequisite: Foundations of Health Care if student desires to be a medical completer or apply for Medical Honor Society, Medical Terminology (may also be taken concurrently), C or higher in Biology or Chemistry

This advanced course concentrates on human anatomy and physiology. In order to study the structures and functions of the body, involves laboratory studies, three-dimensional analysis through dissections, online textbooks, models, diagrams, and clinical studies. This course is designed for college preparation to enter pre-medical courses.

There is a $25 lab fee to cover multiple dissections.

Emergency Medical Responder
**SHS only**
11, 12 - 1 semester, ½ credit

The students will learn skills to provide aid and care to sick and injured people. They will learn CPR, bleeding control, and splitting. They will also learn the causes and treatment of many medical emergencies such as asthma attacks, allergic reactions, strokes and chest pain. EMR is the first step in a career in Emergency Medical Services that can be followed up with EMR Basic and then to Paramedic.

Abnormal Psychology
**SHS only**
11, 12 - 1 semester, ½ credit

(Non-Academy students must take this course to be eligible for National Medical Honor Society membership.)

This course provides a basic survey of maladaptive human behavior. Major psychological disorders, their causes, symptom behaviors, cultural influences, and relevant treatment approaches are discussed. Included topics are historical Last Edit: 10/13/2017 94 of 117 medical background, perspectives of treatment of the mentally ill, fundamental definitions, causes of anxiety disorders, disorders of mood including depression and bipolar disorder, personality disorders, disorders of thought including schizophrenia, substance-related disorders, and domestic violence. Legal, ethical, and social issues relating to the medical professional’s role in treating psychological disorders are explored. Open to juniors and seniors only.

Human Behavior and Disorders
**HBHS only**
11, 12 - 1 semester, ½ credit

(Non-Academy students must take this course to be eligible for National Medical Honor Society membership.)

This course provides students with a general overview of mental health from the perspective of the healthcare community that includes history of mental health, research methods, major theories, and applications of the knowledge to the problems and challenges faced by today's healthcare professionals. Other areas addressed are: biological foundations of behavior, consciousness, memory, learning, emotion, personality, psychological disorders, and methods of therapy.

Medical Professions Senior Seminar (Capstone)
**SHS only**
1 semester, 1 credit
(Required for National Medical Honor Society)
Prerequisites: All other courses in Medical Professions Education (MPE) program as follows:
Introduction to Medical Professions Education (2 semesters), Medical Procedures (1 semester), Medical Terminology (1 semester), Abnormal Psychology (1 semester), and Anatomy and Physiology (2 semesters) (dual credit for MPE and science)
This is the final Medical Professions Education (MPE) course required to become a medical professions vocational community.

Clinical Medical Internship
HBHS only
12 - 1 semester, ½ credit
Prerequisites: Foundations of Health Care, Medical Terminology, on target for Medical completer status
This is an educational program that offers clinical observations in a health related field. It will include in-school instruction and supervised job shadowing activities in health science technology occupations.

Medical Honors at HBHS:
- Must be a medical completer, including Foundations of Health Care and Anatomy & Physiology, plus 1 credit from either Human Behaviors and Disorders, Medical Terminology or Clinical Medical Internship for a total of 3 credits with a 3.0 cumulative GPA by spring of senior year.

See Below:
1. Medical Procedures 1 (0.5 credit) #495330
   - Only available to 11 and 12
2. Intro to Medical Professions (0.5 credit) #495340
   - Only available to 11 and 12

These will no longer be offered to incoming sophomores. These courses are only offered to current juniors and seniors that need the courses to be a medical completer.

Introduction to Medical Professions Education
SHS: 10, 11, 12 - 1 year, 1 credit
HBHS: 10, 11, 12 - 1 semester, ½ credit
(Non-Academy students must take this course to be eligible for National Medical Honor Society membership.)
This course provides a foundation to the student considering health care as a profession. Focus includes an overview of anatomy and physiology, related disorders and treatments, medical ethics, application of common medical terminology and abbreviations, human growth and development, legal responsibilities, patient's right, and exploration of medical careers.

Medical Procedures I
10, 11, 12 - 1 semester, ½ credit
(Non-Academy students must take this course to be eligible for National Medical Honor Society membership.)
Students in this course study basic theory for hands-on skills practiced in the classroom’s clinical laboratory. Students learn about medical terms and abbreviations, classification of disease, infection control, safety, vital signs, first aid, medical carting, and medical math.

Law & Public Safety
Only students who have been selected to the Law and Public Safety Academy are allowed to take the courses listed in this section. To apply, one must complete an application and have teacher recommendations, a 3.0 or better GPA, and good attendance. This is an instructional program that prepares individuals to perform the duties of police and public safety officers or attorneys.

**Introduction to Criminal Justice**  
10 - 1 year, 1 credit  
This is a sophomore level class whereby students investigate the different job opportunities in the criminal justice field and components of the criminal justice system. Students also learn the structure of the police department, the role of ethics in law enforcement, the relationship between the Constitution and various police activities and basic criminal trial strategies. Students will also learn basic argument, reading and writing skills used by lawyers in arguing a case.

**Foundations of Law Enforcement/Crime Scene Investigation**  
SHS only  
11 - 1 year, 1 credit  
Prerequisite: Introduction to Criminal Justice  
In this junior level class, students are expected to learn more specific duties of police officers. Students will examine the use of force in police encounters, examine accident investigation, investigate patrol and traffic operations, analyze the approach and arrest of suspects, investigate D.W.I. enforcement, and explore the detection methods for controlled substances. Students will also be expected to assess procedures related to crime scene investigation including the use of photography, trace evidence and fingerprinting. Students will complete a crime scene from first dispatch call out through processing evidence.

**Criminal Law/Senior Seminar (Capstone)**  
SHS only  
12 - 1 year, 1 credit  
This is the final course in the Law and Public Safety Academy curriculum. It is a capstone course where students learn more about the American criminal justice system and how to apply Constitutional law. Students also become familiar with the Arkansas Criminal Code and learn more specific crimes and definitions of crimes such as murder, burglary, theft, etc. And apply these statutes to hypothetical situations. In effect, playing the role of prosecutor to determine which criminal charges a defendant may face. This course also looks at the juvenile justice system. Students are expected to complete a presentation of all their work in the academy since their first year, as well as investigate and complete a job shadow.

**EAST**  
(Environmental and Spatial Technology)

**EAST I**  
10, 11, 12 - 1 year, 1 credit  
Prerequisite: Approval by EAST Facilitator through an application process (including an attendance report, transcript and teacher recommendations).
A course designed for students to use state of the art computer technology to solve “real world” problems either independently or in teams. Students are engaged daily in a student-centered, project-based approach to problem solving. Students are expected to construct their own learning using resources traditionally found in the business environment such as user guides to software applications, software support services and peer-to-peer learning. Solutions to these real world problems may require student mastery in one or more of the following technology areas: computer-aided design, 3-D modeling, surveying and mapping (including working with global positioning systems), geographic information systems, programming, database applications, web page design, digital photo/video editing and virtual reality development.

EAST II
10, 11, 12 - 1 year, 1 credit
Prerequisite: EAST I and approval by EAST facilitator
A course designed to build on the students’ experiences in EAST I by providing opportunities for students to be engaged in project-based problem solving. EAST II students will be expected to engage EAST I students in philosophy and workings of the EAST Lab and instruct them on the hardware and software in the lab. EAST II students will be role models for new EAST I students and should act as such. EAST II students will be expected to be active participants in the creation and implementation of community service projects throughout the year.

EAST III
11, 12 - 1 year, 1 credit
Prerequisite: EAST I and II and approval by EAST facilitator
EAST III is a continuation of coursework designed to build on the students’ experiences in previous EAST classes by providing opportunities for students to continue to be engaged in community service-learning project-based approach to problem solving. A “work like” environment in maintained with high expectations in the classroom in order that students will gain a better understanding of what will be expected of them in the business world. The focus in this course sifts to peer group leadership, lab maintenance and administration, and sophisticated service projects.

EAST IV
12 - 1 year, 1 credit
Prerequisite: EAST III
EAST IV is a continuation of the EAST methodology with an emphasis on mentoring fellow students in acquired knowledge of advanced applications and other skills gained through EAST I, II and III. There is an added emphasis on the archiving of projects for sustained success of the local program and student self-assessment of their personal educational and vocational goals.

JAG (Jobs for Arkansas Graduates)

By Application Only

Jobs for Arkansas’ Graduates is a program that prepares you for life after high school by helping you set college and career goals, teaching you workplace readiness skills, resume development and interview skills. In conjunction with your JAG class during the school day, you are eligible to receive On-the-Job Training instead of attending some of your afternoon classes. On-the Job Training allows you to earn high school credit for the training you receive at your job.
11, 12 - 1 year, 1 credit
Prerequisite: must complete application and teacher recommendations in the spring of their junior year. Must be enrolled in a career and technical class during their senior year and continue to take the career and technical that follows that vocational course of study during their senior year. Students must also agree to join the Career and Technical organization that is associated with their Career and Technical Class. In addition to the above requirements the student just meet specific state guidelines for eligibility and must agree to participate in a monthly follow up for one year after graduation. Students must meet specific guidelines to be eligible for this program. These guidelines can be provided by the teacher/coordinator. Job-related instruction is given in JAG. JAG helps students graduate from high school, obtain successful employment after graduation and/or attend post secondary institutions.

Community Service

By Application Only
Community service classes are available to students for local elective credit. Students may earn one credit of community service per year. Student attendance is very important in the selection process. Please see the respective Department Chairs for application materials. Students who do community service must have 6 additional classes.

Community Service - Counseling
10, 11, 12 - 1 year, 1 credit
Prerequisite: By application and counselor approval only
Students enrolled in the Counseling Center assist the counselors in the routine operation of the Counseling Center. Community service class is available to students for local elective credit. Duties include delivering messages, serving as “Welcomer” to new students, assisting students with college and career information, and performing other tasks as directed. Applicants must have and maintain excellent attendance and may NOT be in academic distress.

Community Service - Media
10, 11, 12 - 1 year, 1 credit
Prerequisite: By application only AND approval of media specialist.
Students enrolled in the Media Center assist the media specialists in the routine operation of the library. Community service class is available to students for local elective credit.

Computer Tech Assistant
10, 11, 12 - 1 semester, ½ credit
Prerequisite: A or B in course in which students are assisting or its equivalent AND teacher approval. Students serve as a lab assistant in a computer class. Duties include helping students who are having difficulty with the hardware and software problems, tutoring students who have been absent or who are having difficulty in the class. And other activities. See business technology teachers for an application.
Community Service Learning - This course will not be reflected in a student's schedule. Students receive credit after the completion of 75 hours of community service.

9, 10, 11, 12
Prerequisite: Approved Community Service Project
This course is to develop the civic and volunteer skills in preparation for their graduation from high school. Students will create community partnerships with the Springdale School District. The opportunity will help prepare students for civic duty as adults and establish an identity and ownership in the community (with later goal of hoping to keep these successful students in the community as adults). The course will be used as a tool for public relations and awareness for Springdale students working to better their community. Students will study the needs of the community and work toward annual goals of completing service projects. Students must complete 75 hours of service outside of the classroom to receive elective credit.

Bilingual Community Service Learning
11, 12 - 1 year, 1 credit
Prerequisite: Approved application
This course is designed to develop civic and leadership skills of bilingual and upper-level World Language students. Community service class is available to students for local elective credit. Students will apply their biliterate communication skills in order to prepare for civic duty as adults and establish an identity and ownership in the community partnerships. They will mentor younger children within the Springdale School District and collaboration will be coordinated with participating elementary, middle, and junior high schools.

Bilingual Customer Service
SHS only
11, 12 - 1 year, 1 credit
Prerequisite: Approved application
This program prepares bilingual students to be successful in office environments that have a need for bilingual communications. Students will apply their biliterate communication skills while developing computer applications, business communications, data entry, and customer assistance skills. After demonstrating initial proficiency in the classroom, students will intern with local businesses. The ultimate goal of this course is to give students the background knowledge and skills needed in order to apply acceptable business practices in their chosen career field.

Science Lab Assistant
10, 11, 12 - 1 year, 1 credit; ½ credit
Prerequisite: A or B in course in which students are assisting or its equivalent AND teacher approval.
Students serve as a lab assistant in a science class. Duties include troubleshooting problems, helping students who are having difficulty, tutoring students who have been absent and other activities.

ELL Tutor
10, 11, 12 - 1 semester, ½ credit
Prerequisite: A or B in course in which students are assisting or its equivalent AND teacher approval.
Students serve as a lab assistant in an ELL class. Duties would include troubleshooting problems, helping students who are having difficulty, tutoring students who have been absent and other activities.
More Opportunities…

G/T Seminar
Prerequisite: Approval of the academic area teacher at the high school and of the G/T Coordinator.
This course offers independent study credit for students who wish to go beyond the course offering at the high school. The students and a sponsoring teacher within the chosen academic area develop a plan to follow for credit to be given. The credit earned appears on the student's transcripts as a G/G Seminar grade.

AP Seminar
HBHS only
10, 11, 12- 1 year, 1 credit
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 Seminar engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives.

AP Research
HBHS only
11 and 12 - 1 year, 1 credit
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 to address 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.

Critical Reading
10- 1 year, 1 credit
This course is designed to dramatically accelerate reading growth by strengthening comprehension outcomes in high school grades. In a context of meaningful content, ongoing assessment, and focused explicit instruction, students will evaluate literary and informational texts and multicultural literature of diverse formats (e.g., print media, Web-based texts, literary and informational books and articles) and genres.

Concurrent Enrollment Off Campus
10, 11, 12
The concurrent enrollment program provides enrichment and program acceleration opportunities for outstanding high school students who have demonstrated the ability to do satisfactory college level work while still enrolled in high school. The University of Arkansas and Northwest Arkansas Community College consider part-time concurrent enrollment for students in grades 9 through 12.

Split Training Option
11, 12 - 1 year, 1 credit
One unit of elective credit is available for students in grades 11 and 12 who participate in the “Split Training Option,” a program offered by the Army National Guard.
Tutoring
Before and after school tutoring is available for students. Please contact your child’s teacher or counselor for times and locations.

Night School
Night School is a credit recovery program offered in the evening, Monday - Thursday. ½ credit can be earned per session. A student must submit an application approved by his/her counselor. Tuition may be charged at the time the application is submitted. Applications are available in the high school counseling center.

IB World School

SHS only
The international Baccalaureate (IB) Diploma Programme is an internationally recognized rigorous pre-university curriculum that is studied over a two-year period, 11th and 12th grade years. Students have an opportunity to earn the IB Diploma in addition to the Springdale High School Diploma. This can be accomplished by successfully completing internal and external assessments in six different IB subjects; writing an extended essay based on independent research that is mentored by a faculty member, completing a creativity, activity, and service component (CAS, and studying a critical thinking course called Theory of Knowledge. This educational program provides an opportunity for students to develop skills for becoming a productive, caring citizen in a global, technological society.

Acceptance into the International Baccalaureate Diploma Programme is achieved through an application and interview process. Due to the academic demands of the curriculum, students who are applying should have earned at least C’s in their academic work.

The following course Descriptions are from the respective official IB Course Guides.

Group 1 Subject: Studies in Language and Literature

IB English A HL: Literature
11, 12 - 2 years, 2 credits
1st year 2nd year
IB Language A! English - HL is a two-year, junior and senior English course emphasizing the study of written language and literary analysis. The literature studied in this course and the assessments will satisfy IB syllabus requirements for the Language A1 Higher Level program. Students will perform written and oral assessments which will be internally graded by the teacher and externally graded by an IB examiner. Students will analyze, synthesize, and evaluate drama, poetry, novels, and other prose in British, American, and World literature. The course will emphasize thematic and philosophical connections as well as differences in literary periods, styles, and contexts.
Group 2 Subjects: Language Acquisition
Note: Students must choose at least one of these languages to study for the two years. A second course may be selected as the students IB 6th course or elective.

**IB French Ab Initio SL**
12 - 1 year, 1 credit
Prerequisite: French II
Language Ab Initio SL French is a language learning course for beginners designed to be studied over two years. The first year is French 2. The main focus of the course is on the acquisition of the language required for everyday social interaction. The course aims to develop a variety of linguistic skills and a basic awareness of the culture(s) using the language. The course will follow the IB core syllabus and language-specific (French) syllabi in order to prepare students for IB examinations during their senior year.

**IB French B SL**
11, 12 - 1 year, 1 credit
Prerequisite: French III
This intense, accelerated course involves listening, reading, speaking, writing, and culture components in French. Students work individually and in groups to analyze, debate, and discuss a variety of issues and texts in French to prepare for the IB French exams.

**IB Spanish B HL**
11, 12 - 2 years, 2 credits
Prerequisites: Spanish III or Spanish for Native Speakers or Placement
IB Spanish B HL 1-This is the first part of a two-year IB course. This intense, accelerated course involves listening, reading, speaking, writing and culture components in Spanish. Students work individually and in groups to analyze, debate, and discuss a variety of issues and texts in Spanish to prepare for the IB Spanish exams the following year.
IB Spanish B HL 2-This is the second part of a two-year IB course. The same strategies used in instructing the first course will be utilized in the second year as well. This course will focus on communication and media, global issues, and social relationships as they pertain to Spanish speaking countries and our community. Additionally, students will study two pieces of Spanish literature, selected by the instructor. The IB assessments conducted in the second year include a written assessment, and individual oral presentation, and open-response exams administered in May.

**IB Spanish B SL**
11, 12 - 1 year, 1 credit
Prerequisites: Spanish III
The course involves intense language acquisition through listening, reading, speaking, writing, and culture. Students are encouraged to communicate in Spanish using both vocabulary and grammar skills learned from previous levels of study. They will perform individual and group work to build upon and improve communication skills in the Spanish language.

**IB Spanish Ab Initio SL**
12 - 1 year, 1 credit
Prerequisites: Spanish II
Language Ab Initio SL Spanish is a language-learning course for beginners designed to be studied over two years. The focus of the course is on the acquisition of the language required for everyday social interaction. The course aims to develop a variety of linguistic skills and a basic awareness of the culture(s) using the language. The course will follow the IB core syllabus and language-specific (Spanish) Syllabi in order to prepare students for IB examinations.

IB German Ab Initio SL
12 - 1 year, 1 credit
Prerequisite: German II
Language Ab Initio German SL is a language-learning course for beginners designed to be studied over two years. The first year of the course is German II. The Focus of the course is on the acquisition of the language required for everyday social interaction. The course aims to develop a variety of linguistic skills and a basic awareness of the culture(s) using the language. The course will follow the IB core syllabus and language-specific (German) syllabi in order to prepare students for IB examinations.

Group 3 Subjects: Individuals and Societies

IB History of the Americas HL 2: Twentieth Century World History
12 - 1 year, 1 credit
Prerequisite: AP US History
IB History of the Americas HL - 2: Twentieth Century World History Topics is the second year of a two-year study with emphasis on the Cold War and causes, practices and effects of war. Additionally, Twentieth Century World History Topics focuses on select periods of American, Canadian, and Latin American history for an in-depth study. Rather than providing a survey, the course allows the student to investigate certain sections of history through classroom instruction, independent reading, and research. Students will learn skills that apply to the study of history in any context, but with a particular focus towards those needed for a research project and for the twentieth century world history. This course prepares students for the International Baccalaureate exam.

IB Psychology HL
12 - 1 year, 1 credit
Prerequisite: AP Psychology
IB Psychology HL is a two-year course focusing on the study of behavior and mental processes. The first year of the course is a blend that follows the IB syllabus along with the AP Psychology syllabus. The second year of the course focuses exclusively on the IB syllabus and consists of three core approaches of psychology: biological, cognitive, and socio-cultural. Students will also study two specialized areas of psychology in depth. The research component of the class includes qualitative research methods and a simple experimental study. The research study allows students to conduct an experiment that consists of the manipulation of variables, use of descriptive and inferential statistics, and analytical thinking in their analysis.

IB Geography HL
12 - 1 year, 1 credit
Prerequisite: AP Human Geography
IB Geography HL is a two-year course. The first year course is a blended course that follows the IB syllabus along with the AP Human Geography syllabus. In the second year, students study both physical
and human geography and acquire skills of both scientific and socio-economic methodologies. Students will examine key global issues, such as poverty, sustainability and climate change through the use of case studies and examples. Students will develop an understanding of the interrelationships between people, places, spaces, and the environment. The course explores the following three optional themes: 1) leisure, sport, and tourism, 2) extreme environments, 3) the geography of food and hearth. As part of their IB assessment, students will conduct fieldwork, leading to one written report on a fieldwork question, information collection, and analysis with evaluation.

IB Business and Management HL
11, 12 - 2 years, 2 credits
IB Business and Management is a 2-year course that prepares students to develop an understanding of business theory, as well as an ability to apply business principles, practices and skills. The course considers the diverse range of business organizations and activities and the cultural and economic context in which business operates. Emphasis is placed on strategic decision-making and the day-to-day business functions of marketing, production, human resource management, finance. The business and management course aims to help students understand the implications of business activity in a global market. It is designed to give students an international perspective of business and to promote their appreciation of cultural. To receive weighted credit, students must complete the IB assessments during their senior year.

Group 4: Experimental Sciences

IB Biology SL
11, 12 - 1 year, 1 credit
Prerequisite: Students are encouraged to participate in a preparatory two-week workshop to be help during the summer.
IB Biology SL is a lab intensive science course designed to prepare students for the IB exam that will be administered in May. This course will provide an in-depth view of the biological world. After completing this course, students will be able to understand the complexity of life on earth. Course topics include cells, biochemistry, genetics, ecology and evolution, human health, nutrition and physiology, cells and energy, neurobiology and behavior. Laboratories, experimental design, lecture/discussion and cooperative learning strategies will help the students understand various topics.

IB Chemistry SL
11, 12 - 1 year, 1 credit
Prerequisite: A strong math background including Algebra 2 is highly recommended. Students are encouraged to participate in a preparatory three week workshop to be held during the summer.
This course is a rigorous pre-university course that is designed to help the student develop secure knowledge of a limited body of facts and at the same time a broad general understanding of the subject. IB requirements include a core curriculum in chemistry, three optional topics, and forty hours of laboratory work including an interdisciplinary project. The core curriculum includes stoichiometry, atomic theory, periodicity, bonding, states of matter, energetics, kinetics, equilibrium, acids and bases, oxidation and reduction, and organic chemistry. One of the following options must be studied in depth: human biochemistry, environmental chemistry, industrial chemistry, or nuclear chemistry. Students will be assessed through the lab reports, examinations, and the interdisciplinary project.

IB Computer Science HL
11, 12 - 2 years, 2 credits
Prerequisites: Algebra 2, keyboarding, and highly recommended that Intro to Object Oriented Programming has been studied.

This course is a two-year rigorous pre-university course. The first year is the AP Computer Science course. Students must enroll in that course in order to be eligible for the second year of the IB Computer Science HL class. This course serves as an introduction to computers and the study of managing and processing information. The emphasis is on solving real world problems by means of computer programming (software engineering). Students will learn thoroughly the Java programming language and apply those skills in exploring how computers work. Some topics covered include object-oriented design techniques, file management, data structures, classes, objects, graphics, debugging, hardware components, and social implications. The course includes an in depth treatment of the AP Simulations Case Study. During the second year, the students will develop a computer program product for a chosen client.

**Group 5: Mathematics**

**IB Mathematics SL**
11, 12 - 1 year, 1 credit
Prerequisite: Pre-Calculus
IB Mathematics SL is a one year course. In order to perform successfully on the IB external assessment for this course, Knowledge of the following topics is required: Algebra, functions, equations, circular functions and trigonometry, vectors, statistics, probability, and calculus. The graphing calculator (TI-84) will be used extensively and continuously throughout the course. The IB syllabus will be covered for preparation of the IB test given at the end of the year. In addition to the exam in May, the students will complete a mathematical exploration which represents their internal assessment for the course. The exploration is intended to provide students with opportunities to increase their understanding of mathematical concepts and processes and to develop a wider appreciation of mathematics.

**IB Math Studies SL**
11, 12 - 1 year, 1 credit
Prerequisite: Algebra 2
This is a one year course that teaches the following seven topics: 1) number and algebra, 2) mathematical modeling, 3) descriptive statistics, 4) statistical applications, 5) sets, logic, and probability, 6) geometry and trigonometry, and 7) introductory differential calculus. The IB syllabus for this course will be followed in order to effectively prepare the students for the IB Mathematics Studies SL external assessment which is administered during the spring semester. While preparing for the external assessment, students will utilize the SI (System International) units of length, mass and time, and their derived units. Additionally, each student will create a research project, which represents the internal assessment for this course that includes the collection of information or the generation of measurements, and the analysis and evaluation of that information and measurements.

**Group 6: The Arts**

**IB Visual Arts SL**
11, 12 - 1 year, 1 credit
The IB Visual Art SL class is comprised of two components, studio work representing 60% of the course and an investigative workbook work representing 40%. In studio work the student:
Synthesize are concepts and skills in works that are personal, socio culturally, and aesthetically meaningful, Demonstrate true purposeful exploration using an inquiring approach to a variety of visual phenomena, Solve formal and technical problems encountered in studio practice, Exhibit technical skills and an appropriate use of media, Produce works of art with imagination and creativity in the investigative workbook work the student will: Demonstrate clearly in visual and written terms how personal research has led to an understanding of the topics or concepts being investigated, Show some awareness of the cultural, historical and social dimensions of themes in more than one cultural context, examine the visual and functional qualities of art from their own and other cultures for meaning and significance IB assesses the student through a review of selected entries from the student’s investigative workbook and through an exhibition that is judged by a visiting visual arts examiner, following an interview of the student about his work.

**Center of the Hexagon: Theory of Knowledge**

**IB Theory of Knowledge**
11, 12 - second semester 11, first semester 12
Theory of Knowledge, capstone of the IB curriculum, provides an connection for the learner to synthesize the approaches to understanding gained over the course of the IB study. The course raises questions about the nature and origins of knowledge, and in so doing seeks a cross-curricular understanding of how a learner learns and, ultimately, knows. Students will pursue a wide range of readings to be examined in a Socratic Seminar setting combining literature, history, science, mathematics, fine arts, psychology, and philosophy, among others.

**Early College Experience Online Courses**

Early College Experience (ECE) strives to provide access to higher education to a diverse student population. In addition to college courses taught on site and through Compressed Interactive Video (CIV), ECE offers online courses. Students must have a cumulative 3.0 GPA and one of the following minimum scores: ACT Reading, 82; SAT Critical Thinking, 480; PSAT Critical Thinking, 48; PLAN Reading, 15; or EXPLORE REading, 14.

**Fall**
Art Appreciation (3 credits)
Fundamentals of Communication (3 credits)
History of the American People to 1877 (3 credits)
Introduction to Hospitality (3 credits)
Medical Terminology (1 credit)
Wellness Concepts (2 credits)

**Spring**
History of the American People, 1877 to present (3 credits)
Hospitality Marketing (3 credits)
Introduction to Occupational Safety and Health (3 credits)
General Psychology (3 credits)
Nutrition in Health (3 credits)
Arkansas Department of Higher Education Required Courses for a College Degree
All students must take the following core courses to satisfy requirements, no matter what their major:
6 hours of English Composition (Composition I and II)
3 hours Math - College Algebra (more if required by major)
8 hours of Science (Bachelor of Arts degree requires 12 hours)
3 hours of U.S. History or Government
6 additional hours of Social Sciences
6 hours of Fine Arts

If you have any questions concerning concurrent classes, please contact the Guidance.

Concurrent Classes
Concurrent Classes offer the opportunity for students to complete some of the core requirements for college while remaining in a high school setting. Before enrolling for a concurrent class, individuals should check core course requirements for the universities or colleges of their choice. Students should also check the required courses needed for the field or fields of study they are planning to study.

Admissions Requirements
A signed and completed concurrent enrollment application is required at the time of registration. A current high school transcript showing an overall GPA of 3.00 or higher. College level placement test scores on the EXPLORE, PLAN, ACT, SAT are required prior to registration. Scores vary depending on current class.

Admissions Conditions
Concurrently enrolled high school students will be expected to earn a grade of C or better in college course attempted in order to continue concurrent enrollment at NWACC. Students must submit concurrent enrollment applications prior to each semester of concurrent enrollment.

Benefits
Receive college credit at most colleges and universities. Receive one unit of high school course credit for every semester college class. Cost is half of that of a regular college class. Develops college-type study skills. Smaller class sizes and more individualized attention compared to on-campus college classes.

English
English Composition I
1 semester, 1 credit
3 college credits
Prerequisite: Cumulative 3.0 GPA and a 19 ACT score in writing
Guiding the student through the process of writing with regular practice and analysis of effective writing, this first course of the composition sequence emphasizes the writing of clear, concise, developed
academic prose. Generally students are expected to follow the rules of Standard Edited English, to understand paragraph development, and to write a research assignment involving the integration of sources. Grading will be based on college-level expectations.

**English Composition II**
1 semester, 1 credit
3 college credits
Prerequisite: Completion of English Composition I with a C or better.
This course continues the writing, reading, research and critical thinking skills developed in Composition I. Students will write in multiple genres and gain further practice in the analysis, interpretation, and evaluation of complex texts. Grading will be based on college-level expectations.

**Mathematics**

College Algebra will be taught first semester with College Trigonometry and College Finite offered second semester. **Prerequisite for all math classes:** Students must have a 3.0 GPA and ACT 21 or better or SAT 500 or better or AND completed Algebra II with a C or better. Students must also have a Reading score of 19 on the ACT.
**Fees:** Tuition is one half that of NWACC.

**College Algebra**
12 - 1 semester, 1 credit
3 college credits
Prerequisites: Cumulative 3.0 GPA and appropriate placement test score.
**Students will be required to purchase a graphing calculator (TI-83 or TI-84), textbook, and pay tuition. An overview of the fundamental concepts of algebra. Topics include linear and quadratic equations and inequalities; the Cartesian plane and graphing using graphing utility functions, graphs and models; polynomial and rational functions; exponential and logarithmic functions; systems of equations, inequalities and matrices; and sequences and series.

**College Trigonometry**
12 - 1 semester, 1 credit
3 college credits
Prerequisite: College Algebra or a 24 on the math section of the ACT.
A graphing calculator is required for this course.
College Trigonometry is a survey of basic trigonometric concepts. It is required for students who will take Calculus I and or College Physics. It is designed to transfer as 3 credit hours of Plane Trigonometry.
College Finite - 1 semester (Concurrent Credit)
Prerequisite: Must have a C or higher in College Algebra or have ACT Math score of 24 and Reading score of 19+. A survey and applications course in mathematics designed for business, life science, and social science students. Topics include, but are not limited to: Linear programming, financial mathematics, sets, probability, counting principles, measures of central tendency, measure of variation, and the normal distribution. *All math concurrent courses require: Cost for course, book and graphing calculator is recommended.
Career & Technical Courses

Career and Technical courses are offered at several locations throughout NW Arkansas. Students are responsible for making their own arrangements for transportation to and from these classes. There is no tuition cost to students.

Dental Assisting
M-F from 2:15-3:45

Dental Assisting is a one-year program offered at the Regional Technological Center in Fayetteville. Students who complete this program earn 9 college credits at NWACC, which count toward NWACC’s 36 hour Dental Assisting certification.

Medical Clinical Internship/Specialization/Dental I
Fall Semester
Prerequisite: Acceptance into the program by application and interview with instructor.
This course reviews anatomy and physiology, with a comprehensive study of the head and neck. The student’s understanding of the morphological and functional interrelationships of the anatomical structures is vital to their ability to logically apply solutions to clinical problems. This course is designed to give the student information on dental morphology, oral histology, oral embryology, and dental anatomical structures, as well as the functional relationship of the teeth within detention.

Medical Clinical Internship/Specialization/Dental II
Spring Semester
An introduction to basic dental terminology, dental equipment, instruments, infection control processes, and procedures associated with the dental office. Students learn the process of four handed dentistry through demonstrations and hands on practice. The study of therapeutics includes a brief history of drugs, methods of administration, drug effects, and commonly used drugs in the treatment of oral lesions, anxiety, and panic control. This course also stresses the philosophy of preventive dentistry including a thorough discussion of plaque formation, oral hygiene, diet and nutrition, and systemic and topical fluids.

Medical Professions

M-F from 7:30-9:00 am

Medical Professions courses are offered at NWACC in Bentonville. Students earn 3 college credits for CNA and 3 college credits for PCA+. Both Courses count toward NWACC’s 36 hour Nursing Assistant certification. Students must have the following in place prior to beginning classes: criminal background check, tuberculosis test, and drug screening. The total cost for all three is approximately $180.

Certified Nursing Assistant (CNA)
Fall Semester
Prerequisites: Intro to Medical Professions, Medical Terminology, and Human Anatomy and Physiology. The Certified Nursing Assistant PRogram is designed to meet the industry driven demand for Certified Nursing Assistants. This course provides the student with an introduction to health care, didactic instruction, hands on skills and clinical training. Specifically, basic nursing skills including vital signs, personal care skills and Alzheimer’s and Dementia training are covered. This course prepares the
successful student to sit for the Arkansas Certified Nursing Assistant Exam. Students who complete the course successfully will receive 3 hours of college credit for NWACC.

**Patient Care Plus (PCA+)**
Spring Semester
Prerequisite: Successful completion of CNA course.
The PCA+ Certificate Program is designed to meet the industry driven demand for Certified Nursing Assistants trained in advanced patient care techniques and that possess the knowledge, skills, and abilities to excel as a vital member of the healthcare team. This course expands on the student’s knowledge of health care and introduces advanced patient care skills through hands on lab and clinical training at area hospitals. Students who complete the course successfully will receive 3 hours credit for NWACC.