Arkansas Virtual Academy

K12 Career and College Prep

Are you a 6th–12th grader looking to get a jump-start on your future? With K12 Career and College Prep, you can use your high school years to figure out where you want to go and how to get there. In addition to core courses, you'll take career-focused electives to explore your options and find your passion—all while earning your high school diploma. Discovering what you want to do now can prepare you to dive into a career right out of high school or help you make the right decision about your college major.

Career and Technology Education

ARVA Programs of Study

Industry-Recognized Certification by Pathway

Completer

Who is a CTE Completer?
A CTE Completer is a secondary student that has completed courses as required in Level 1, Level 2, and Level 3 within the same approved CTE program of study.
**ARVA awards cords at graduation for students who are completers.

Certifications

Each pathway leads to Industry Recognized Credentials. These are certifications that students may take to make them more employable and job ready. Teachers will discuss what certifications are available per course. A listing of certifications is included for each occupational area.

ARVA CTSO- Career Technical Student Organizations

ARVA FBLA https://www.fbla-pbl.org/

FBLA inspires and prepares students to become community-minded business leaders in a global society through relevant career preparation and leadership experiences.
Sponsor: Emily Wuichet ewuichet@arva.org

ARVA FFA www.ffa.org

Arkansas FFA is dedicated to making a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education. Sponsor: Kelby Biswell kbiswell@arva.org

ARVA SkillsUSA www.skillsusa.org

SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. SkillsUSA helps each student excel. We provide educational programs, events and competitions that support career and technical education (CTE) in the nation's classrooms.
Sponsor: Elesha Davis edavis@arva.org

ARVA Family, Career and Community Leaders of America (FCCLA) https://fcclainc.org/

Family, Career and Community Leaders of America (FCCLA) is a Career and Technical Student Organization that functions as an integral part of the Family and Consumer Sciences education curriculum and operates within the school system. Since 1945, FCCLA members have been making a difference in families, careers, and communities by addressing important personal, work, and societal issues. Through participation in Competitive Events, becoming involved in community service opportunities, student leadership, and attending leadership conferences, members develop real world skills, explore Career Pathways, and become college- and career-ready.
Sponsor: Elizabeth Elms eelms@arva.org

ARVA TSA Technology Student Association https://tsaweb.org/

The Technology Student Association (TSA) is a national organization devoted exclusively to the needs of students interested in science, technology, engineering, and mathematics (STEM). Open to young people enrolled in—or who have completed—technology education courses, TSA's membership includes more than 250,000 middle and high school student members in over 2,000 schools spanning 49 states. TSA partners with universities and other organizations to promote a variety of STEM competitions and opportunities for students and teachers. TSA is supported by educators, parents, and business leaders who believe in the need for a technologically literate society. Members learn through exciting competitive events, leadership opportunities, and much more. The diversity of activities makes TSA a positive experience for every student. From engineers to business managers, our alumni credit TSA with a positive influence on their lives.
Sponsor: Tara Smith tsmith@arva.org

ARVA Pathways

Agriculture

Cluster: Agriculture, Food, and Natural Resources
Pathway: Agribusiness Systems
Certifications: Arkansas Boating and Hunter's Ed; ACT WorkKeys; CPR; First Aid; Variety of iCEV certs; Microsoft; OSHA 10 & 30

Program of Study	Level One	Level Two	Level Three
Agribusiness Systems	**Intro to Ag Science OTH034A/B** *(Survey of Ag Systems)* *(491150)* 8-12	**Agribusiness Management** *AGR110AE2/BE2 PBL* *(491030)* 10-12	**Intro to Forestry/Natural Resources AGR020A/B** *(Natural Resources Management)* *(491310)* 10-12 **-OR-** **Principles of Plant Science AGR230A/B** *(Plant Science)* *(491340)* 10-12 **-OR-** **Student Leadership CS Student Leadership** *(Advanced Ag Leadership & Communications)* *(491300)* 11-12

Program of Study	Level One	Level Two	Level Three
Natural Resources/ Environmental Service Systems	**Intro to Ag Science OTH034A/B** *(Survey of Ag Systems)* *(491150)* 8-12	**Intro Forestry/Natural Resources AGR020A/B** *(Natural Resources Management)* *(491310)* 10-12	**Wildlife & Natural Resource Mgmt AGR240/241** *(Forestry & Wildlife Ecosystem)* *(491260)* 11-12

Program of Study	Level One	Level Two	Level Three
Animal Science	**Intro to Ag Science OTH034A/B** *(Survey of Ag Systems)* *(491150)* 8-12	**Livestock & Poultry Prod 1 & 2 AGR211E3/212E3** *(Adv Livestock & Poultry Prod 1&2)* *(491180)* 10-12	**Vet Science OTH033 A/B** *(491460)* 11-12 **-OR-** **Advanced Livestock & Poultry 3 AGR213AE3/BE3** *(Advanced Animal Science)* *(491010)* 11-12

Program of Study	Level One	Level Two	Level Three
Plant Systems	**Intro to Ag Science OTH034A/B** *(Survey of Ag Systems)* *(491150)* 8-12	**Principles of Plant Science AGR230A/B** *Plant Science* *(491340)* 10-12	**Agriculture Biology CS Agricultural Biology A/B** *(Adv Plant Science)* *(490800)* 11-12

Business and Marketing

Career Cluster: Business, Management, and Administration
Pathway: Administrative Support
Certifications: ACT WorkKeys; ESB; EverFi Financial Literacy; CPR; First Aid; Variety of iCEV certs; Microsoft; Servsafe

Program of Study	Level One	Level Two	Level Three
Medical Office Administration	**Survey of Business TCH110 Software Apps Word with Exam Prep/TCH220 Excel + TCH100 Powerpoint** *(Survey of Business)* *(492120)* 8-12	**Medical Office HLT330A/B** *(Medical Office Administration)* *(492690)* 10-12	**Accounting 1 AR BUS210/BUS211 Accounting 1A with Quickbooks** *(Accounting 1)* *(492100)* 9-12

Career Cluster: Finance
Pathway: Accounting

Program of Study	Level One	Level Two	Level Three
Accounting	**Survey of Business TCH110 Software Apps Word with Exam Prep/TCH220 Excel + TCH100 Powerpoint** *(Survey of Business)* *(492120)* 8-12	**Accounting 1 AR BUS210/BUS211 Accounting 1A with Quickbooks** *(Accounting 1)* *(492100)* 9-12	**Accounting 2 AR BUS114 A/B** *(492110)* 9-12 -OR- Dual Credit Principals of Accounting

Career Cluster: Finance
Pathway: Accounting

Program of Study	Level One	Level Two	Level Three
Business Finance	**Survey of Business TCH110 Software Apps Word with Exam Prep/TCH220 Excel + TCH100 Powerpoint** *(Survey of Business)* *(492120)* 8-12	**Financial Planning & Wealth Management BUS220 A/B** *(Financial Planning)* *(492290)* 9-12	**Accounting 1 AR BUS210/BUS211 Accounting 1A with Quickbooks** *(Accounting 1)* *(492100)* 9-12

Career Cluster: Hospitality and Tourism
Pathway: Travel and Tourism

Program of Study	Level One	Level Two	Level Three
Hospitality and Tourism	**Survey of Business TCH110 Software Apps Word with Exam Prep/TCH220 Excel + TCH100 Powerpoint** *(Survey of Business)* *(492120)* 8-12	**Office Management 1 AR BUS330 A/B** *(Tourism Industry Management)* *(492260)* 9-12	**Office Management BUS020A** *Hospitality Administration* *(492250)* 9-12 + **Hospitality & Tourism BUS120** *(Arkansas Tourism Industry)* *(492230)* 9-12 <mark>**Both BUS020A & BUS120 must be taken to complete the pathway.</mark>

Career Cluster: Marketing Sales and Services
Pathway: Marketing Management

Program of Study	Level One	Level Two	Level Three
Marketing Business Enterprise	**Survey of Business TCH110 Software Apps Word with Exam Prep/TCH220 Excel + TCH100 Powerpoint** *(Survey of Business)* *(492120)* 8-12	**Marketing 1 AR BUS065AE2PBL/BE2PBL** *(Marketing Business Enterprise)* *(492330)* 9-12	**Marketing 2 AR BUS075AE2PBL/BE2PBL** *(Marketing Management)* *(492350)* 10-12 **-OR- Accounting 1 AR BUS210/BUS211 Accounting 1A with Quickbooks** *(Accounting 1)* *(492100)* 9-12

Career Cluster: Marketing Sales and Services
Pathway: Marketing Research

Program of Study	Level One	Level Two	Level Three
Digital Marketing	**Survey of Business TCH110 Software Apps Word with Exam Prep/TCH220 Excel + TCH100 Powerpoint** *(Survey of Business)* *(492120)* 8-12	**Entrepreneurship 1 AR BUS045AE2PBL/BE2PBL** *(Digital Marketing)* *(492760)* 9-12	**Entrepreneurship 2 AR with Exam Prep BUS055AE2PBL/BUS300** *(Markets and Analytics)* *(492800)* 10-12

Family and Consumer Sciences

Cluster: Arts, A/V Technology & Communications
Pathway: Visual Arts
Certifications: ACT WorkKeys; Nutrition, Food, and Wellness (AAFCS); CPR; First Aid; Variety of iCEV certs; Microsoft; Servsafe; Child care assistant; Child Development CDA; OSHA 10 & 30

Program of Study	Level One	Level Two	Level Three
Clothing and Housing Design	**Summit Life Skills/Family and Consumer Sciences OTH090/OTH060** *(Family and Consumer Science)* *(493080)* 8-12	**Fashion and Interior Design OTH182A/OTH181A** *(490890)* 10-12	**Advanced Fashion and Interior Design OTH182B/OTH181B** *(490900)* 11-12

Cluster: Human Services
Pathway: Family and Community Services

Program of Study	Level One	Level Two	Level Three
Human & Social Services	**Summit Life Skills/Family and Consumer Sciences OTH090/OTH060** *(Family and Consumer Science)* *(493080)* 8-12	**Child Development OTH110AE2/BE2** *(Child Growth and Development)* *(493020)* 9-12	**Early Childhood Education 1&2 OTH161/162** *(Dynamics of Human Relationships)* *(493150)* 11-12 **OR** **OTH122D/CS Internship** *(Child Care Guidance, Management, and Services)* *(493010)*
Program of Study	**Level One**	**Level Two**	**Level Three**
Nutrition Science and Dietetics	**Summit Life Skills/Family and Consumer Sciences OTH090/OTH060** *(Family and Consumer Science)* *(493080)* 8-12	**Culinary Art 1&2 OTH171/172** *(Food Safety & Nutrition)* *(493110)* 9-12	**Summit Nutrition & Wellness OTH080A/B** *(Life and Fitness Nutrition)* *(493200)* 11-12

Cluster: Education and Training
Pathway: Teaching and Training

Program of Study	Level One	Level Two	Level Three
Pre-Educator *Non-CTA track*	**Educational Practices 1/2 OTH123D/OTH124D** *(Introduction to Education)* *(493240)* **OR** Concurrent Credit Intro to Education *(590230)*	**Principles of Education & Training OTH121A/B** *(Education Technology)* *(493290)* 11-12	**Child Development OTH110AE2/BE2** *(Child Growth and Development)* *(493020)* 9-12

STEM (Science, Technology, Engineering, and Mathematics)

Cluster: Information Technology
Pathway: Programming & Software Development
Program of Study: Computer Science
Certifications: Adobe; ACT WorkKeys; First Aid; CPR; Microsoft; OSHA 10 & 30;
Note: Students may not take a Year 1 course after taking a Year 2 course or take a Year 1 or Year 2 course after completing a Year 3 course. Grade levels 9-12 for Year 2 and Year 3 courses.

Level One	Level Two	Level Three
Any year 1, 2 or 3 Computer Science Course including:	Any year 2 or year 3 Computer Science Course including:	Any year 3 Computer Science Course including:
Year 1 Course Offerings:	**Year 2/3 Course Offerings**	**Year 3 Course Offerings**
Introduction to Computer Science TCH100ADE3/BDE3-PBL *(Programming)* *(465070)* 8-12	**Foundations of Cybersecurity 1 TCH150ADE2/BDE2** **Foundations of Cybersecurity 2 TCH151ADE2/BDE2** *(465280; 465290)*	**Foundations of Cybersecurity 2 TCH151ADE2/BDE2** *(465290)*
Year 2/3 Course Offerings **Foundations of Cybersecurity 1 TCH150ADE2/BDE2** **Foundations of Cybersecurity 2 TCH151ADE2/BDE2** *(465280; 465290)*	**Game Design 1 TCH071 A/B** **Game Design 2 TCH072 A/B** *(465680; 465690)*	**Game Design 2 TCH072 A/B** *(465690)*
Game Design 2 TCH073 A/B **Game Design 3 TCH072 A/B** *(465680; 465690)*	**Mobile Apps 2 TCH311ADE/BDE2** *(465370; 465380)*	**Mobile Apps 3 TCH312ADE/BDE2** *(465390)*
Mobile Apps 2 TCH311ADE/BDE2 *(465370; 465380)*	**Network+ Guide to Networks 2 TCH542AE4/BE4** **Security+ w/Exam Prep 1&2 TCH551E3/552E3** *(465180;465190)*	**Security+ w/Exam Prep 1&2 TCH551E3/552E3** *(465190)*
Network+ Guide to Networks 2 TCH542AE4/BE4 **Security+ w/Exam Prep 1&2 TCH551E3/552E3** *(465180;465190)*		

Digital Arts

Cluster: Arts, A/V Technology & Communications
Pathway: Visual Arts
Program of Study: Advertising & Graphic Design Technology
Certifications: Adobe; ACT WorkKeys; First Aid; CPR; Microsoft; OSHA 10 & 30;

Program of Study	Level One	Level Two	Level Three	Additional
Advertising & Graphic Design	**Media Communications COM210/220** *(493680)* 9-12	**Digital Media Indesign &Illustrator / Photoshop** **TCH320DM Indesign & TCH330 DM Illustrator/ TCH310 DM Photoshop** *(Advertising & Graphic Design I)* *(494150)* 9-12	**Digital Media Dreamweaver/After Effects** **TCHDM400 Dreamweaver/ TCHDM420 After effects** *(Advertising Graphic Design II)* *(494170)* 10-12	**Advertising & Graphic Lab** **TCH410A/B Digital Media Adobe XD** ***Image Design & Editing prior to SY23-24** *(494160)* 10-12

CAREER FOCUS COURSES OFFERED NOT IN PATHWAY

EAST			
EAST I **CS EAST I A/B** *(560010)* 9-12	**EAST II** **CS EAST II A/B** *(560020)* 9-12	**EAST III** **CS EAST III A/B** *(560030)* 9-12	**EAST IV** **CS EAST IV A/B** *(560040)* 9-12
Health Sciences			
Condensed A&P **SCI340** *Local credit only* 9-12	**Pharmacy Tech** **HLT431 A/B** *(Pharmacological Science)* *(495280)* *Pre-req SCI 340 or A&P Grade 12	**Public Health/Intro to Human & Social Services** **HLT220/230** *(Foundations of Health Care)* *(495350)* 9-12	**Medical Terminology 1 & 2** **HLT213/214** *(Medical Terminology)* *(495360)* 9-12
Principles of Sports Medicine **HLT460 A/B Sports Medicine 1** *(494050)* 9-12	**Sports Medicine Injury Assessment** **HLT461 A/B Sports Medicine: Preventing Injury** *(494070)* *Pre-req HLT460/CS Human Growth 9-12		

Criminal Justice			
Criminal Justice LAW110/111 *(Intro to Criminal Justice)* *(494620)* 9-12	**Principles of Law, Safety & Security TX LAW105 A/B** *(Foundations of Law Enforcement)* *(494630)* 9-12		
Career Readiness - Prep for ACT Work Keys Certifications			
Finding Your Path 1 ORN100 *(Keystone)* *(493850)* 9-12	**Finding Your Path 2 ORN200** *(Career Readiness)* *(493900)* 9-12	**Finding Your Path 3 ORN300** *(College and Career Readiness)* *(493880)* 9-12	
Organizational Leadership			
Organizational Leadership I/II CS Professional Learning A 492780 **CS Professional Learning B 492790**			

CTE Course Descriptions

Agriculture

491150 Survey of Ag Systems (Level 1)
OTHO34A/B DYN Introduction to Agri Science

This is a foundation course for all agriculture programs of study. Topics covered include general agriculture, FFA, leadership, record keeping, Supervised Agricultural Experiences (SAEs), animal science, plant science, soil science, and agricultural mechanics**.**
Grade Levels: 8-12
Course Length: 1 credit--Year

491030 Agribusiness Management (Level 2)
AGR110AE2/AGR110BE2 PBL

The AgriBusiness Management course encompasses the study of agribusinesses and their management including, but not limited to, record keeping, budget management (cash and credit), business planning, and sales and marketing**.**
Grade Levels: 10-12
Course Length: 1 credit-Year
Pre-Req: Survey of Ag Systems

491300 Advanced Ag Leadership (Level 3)
CS-Student Leadership A/B

This course will provide the student with a sound understanding of public speaking, parliamentary procedure, organization, delegation, oral communication, conflict resolution, business etiquette and community service are major topics to assist students in development of their leadership skills for the future. Opportunities are provided for students to participate in FFA and supervised agricultural experience activities. **This course can be taken outside of AG pathways to assist in planning ARVA face to face events.**
Grade Levels: 11-12
Course Length: 1 Credit-Year
Pre-Req: Survey of Ag Systems; Agribusiness Management

491310 Natural Resources Management (Level 2)
AGR020A/B DYN Introduction to Forestry & Natural Resources

The Natural Resources Management course encompasses the study of the management, protection, enhancement and improvement of soil, water, wildlife, forests, and air as natural resources along with the study of systems, instruments and technology used to monitor and minimize the impact of human activity on environmental systems.
Grade Levels: 10-12
Course Length: 1 credit—Year
Pre-Req: Survey of Ag Systems; Agribusiness Management

491260 Forestry & Wildlife Ecosystem (Level 3)

AGR240/241 Wildlife, Fisheries, & Ecology Management 1 & 2

This course provides an overview of the forestry and wildlife industry and its importance to the economy of the nation. Tree and wildlife identification, management practices, harvesting and marketing processes, and business applications are major topics. GPS and GIS are included. This course provides an overview of the forest industry and wildlife ecosystems and their importance to the economy of the nation.

Grade Levels: 11-12
Course Length: 1 Credit-Year
Pre-Req: Survey of Ag Systems; Natural Resources Management

491340 Plant Science (Level 2 or 3)

AGR230 A/B Principles of Plant Science

The Plant Science course encompasses the study of plant life cycles, classifications, functions, structures, reproduction, media and nutrients, as well as growth and cultural practices through the study of crops, turf grass, trees, shrubs, and/or ornamental plants.

Grade Levels: 10-12
Course Length: 1 Credit-Year
Pre-Req: Survey of Ag Systems; Agribusiness Management

490800 Advanced Plant Science (Level 3)

CS Agriculture Biology A/B

This course allows for an in-depth look at the vegetable and fruit industry while providing hands on laboratories and opportunities which include managing our farm to school gardens, greenhouse labs, and maintaining the aquaponics system.

Grade Levels: 11-12
Course Length: 1 Credit Year
Pre-Req: Survey of Ag Systems; Plant Science

491180 Animal Science (Level 2)

AGR211E3/212E3 Livestock & Poultry Production 1 & 2

This course is structured to enable all students to have an overview of the Animal Science Industry. Topics covered include the Animal Industry, Animal Handling and Safety, Nutrition, Reproduction, Genetics, and Marketing. Opportunities are provided for students to participate in FFA and supervised experience activities. Hands-on activities include learning to create feed for animals, dairy labs and artificial insemination.

Grade Levels: 10-12
Course Length: 1 Credit Year
Pre-Req: Survey of Ag Systems

491460 Veterinary Science (Level 3)
OTH033A/B DYN Veterinary Science AR
This course will provide the student with a sound platform to master the knowledge and skills necessary to become a veterinary assistant. It will also prepare the student to pursue a rewarding career as part of the professional veterinarian team. It will also equip the next generation of veterinarians and veterinarian assistants with the new technological tools that reinforce our industry's expectations. Finally, it provides academic knowledge, higher order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills and occupational skills.
Grade Levels: 11-12
Course Length: 1 credit—Year
Prerequisites: Survey of Agricultural Systems and Animal Science

491010 Advanced Animal Science (Level 3)
AGR213AE2/213BE2 Advanced Livestock & Poultry Production 3
This course allows for an in-depth look at the animal science industry while providing hands-on laboratories and opportunities to participate in FFA and supervised agricultural experiences.
Grade Levels: 11-12
Pre-Req: Survey of Ag Systems and Animal Science

Business and Marketing

492120 Survey of Business (Level 1)
TCH110 Software Apps Word with Exam Prep/TCH220 Excel & TCH100 Powerpoint
Survey of Business is a two-semester course. It is designed to introduce students to business and marketing programs of study and related technology to help students succeed in business and marketing careers. The clusters and related programs of study are: Business Management & Administration: Management, Medical Office Administration, and Office Administration; Finance: Accounting, Banking, and Securities, Investments, Risk and Insurance; Hospitality and Tourism: Hospitality and Tourism; Marketing: Marketing and Entrepreneurship; Information Technology: Web Technologies and Social Media and Communications; and Transportation, Distribution, and Logistics: Supply Chain and Logistics. Using industry recognized software, students will focus on skills in word processing, spreadsheets, database, presentations, and cloud computing as they relate to business and marketing careers. This course will focus on skills needed to obtain Microsoft Office Specialist (MOS) certifications.
Grade Levels: 8-12
Course Length: 1 Credit--Year
Pathways: Marketing Management-MKT, Marketing Research, Accounting, Travel and Tourism, General Management

492100 Accounting 1 (Leve 2 or Level 3) Depends on career pathway
BUS210/211 Accounting 1A with Quickbooks
Computerized Accounting 1 emphasize on basic accounting principles as they relate to both manual and computerized financial systems. Instruction is on an integrated basis, using computers, spreadsheet software, and electronic calculators as the relationships and processes of manual computerized accounting are presented. Entry-level skills in the accounting occupations can be attained.
Grade Levels: 9-12
Course Length: 1- Year
Pre-reqs: Survey of Business

492110 Accounting 2 (Level 3)
BUS114 A/B Accounting 2
Computerized Accounting II is designed to provide students with the knowledge, understanding, and skills necessary for college and career readiness. Departmental and corporate accounting systems are components of the course with emphasis given to computerized software and automated systems.
Grade Levels: 10-12
Course Length: 1- Year
Pre-reqs: Survey of Business; Accounting I

492260 Tourism Industry Management (Level 2)
BUS330 A/B Office Management 1 AR

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.

Grade Levels: 9-12
Course Length: 1- Year
Pre-reqs: Survey of Business

492250 Hospitality Administration (Level 3)
BUS020A Office Management

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 hospitality industry. The importance of personal presentation, communication skills, guest satisfaction, the ability to perform basic business math, along with basic marketing concepts will also be covered in this course.

Grade Levels: 9-12
Course Length: 1/2 credit
Pre-reqs: Survey of Business; Tourism Industry Management
Travel and Tourism—must be taken with OTH037 for pathway concentrator.

492230 Arkansas Tourism Industry (Level 3)
BUS120 Hospitality and Tourism

Arkansas Hospitality 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.

Grade Levels: 9-12
Course Length: 1/2 credit
Pre-reqs: Survey of Business; Tourism Industry Management
Travel and Tourism- must be taken with BUS020 for pathway concentrator.

492330 Marketing Business Enterprise (Level 2)
BUS065-AE2/BE2 PBL Marketing 1

Marketing students will find out what it takes to market a product or service in today's fast-paced business environment. Students will learn the fundamentals of marketing using real-world business examples. Students will learn about buyer behavior, marketing research principles, demand analysis, distribution, financing, pricing, and product management.

Grade Levels: 10-12
Course Length: 1- Year
Pre-reqs: Survey of Business

492350 Marketing Management (Level 3)
BUS075-AE2/BE2 PBL Marketing 2
Marketing Management is a two-semester course designed to develop decision-making skills through the application of marketing and management principles. Competencies will be accomplished by utilizing various instructional methods, resources, and direct involvement with marketing businesses. The course will focus on organization, finance, risks, credit, technology, and social aspects. Although it is not mandatory, many students can benefit from the on-the-job training component (cooperative education) of this course. The student's job must relate to his/her career objectives.
Grade Levels: 11-12
Course Length: 1- Year
Pre-reqs: Survey of Business; Marketing Business Enterprise

492760 Digital Marketing (Level 2)
BUS045AE2/BE2 PBL Entrepreneurship 1
This is a two-semester project-based course that enhances technology skills, job search and employability skills along with communication skills. Students will create an online electronic career portfolio focused on an individual career path, create social media and viral marketing campaigns, participate in videoconferencing, cloud-based collaboration, and learn and practice other workplace related communication technologies and channels. Students will apply verbal and nonverbal communication skills related to both spoken and written communications; technology will be used to enhance these skills. Productivity programs and apps will be used to teach time management, organization and collaboration skills, cloud storage and computing. Students will also create career-related documents according to professional layout and design principles and will also learn the photo and video editing skills needed to create promotional and informational business communications and viral marketing campaigns.
Grade Levels: 10-12
Course Length: 1- Year
Pre-reqs: Survey of Business

492800 Markets and Analytics (Level 3)
BUS055AE2/BUS300 Entrepreneurship 2 with Exam Prep
This two-semester course extends training in managing social media content and data to maintain brand integrity, customer satisfaction, and profitability of a business. Students will learn how to create engaging video and graphic content directed toward specific target markets and for specific social media platforms. Students will also explore and practice various methods for gathering and analyzing data in order to maximize return on investment for social media marketing effort.
Course Length: 1- Year
Pre-Requisite: Digital Marketing 492760
Grade Levels: 11-12
Pre-reqs: Survey of Business; Digital Marketing

492690 Medical Office Administration (Level 2)
HLT330 A/B Medical Office Administration

Feature topics healthcare roles and responsibilities, medical law and ethics, professional communications, anatomy and physiology of the human body, business communications, patient record keeping, medical insurance and coding, billing and payment, banking and accounting procedures, preparing for clinical procedures, assisting with examinations, and laboratory procedures. The course includes the latest information on nutrition, the Affordable Care Act (ACA), and ICD-10, and content is aligned and mapped to current ABHES standards and newly approved 2015 CAAHEP standards.

Grade Levels: 10-12
Course Length: 1- Year
Pre-reqs: Survey of Business

492290 Financial Planning and Wealth Management (Level 2)
BUS220A/B Financial Planning and Wealth Management FPWM AR

This course will introduce students to the basic concepts of economics and financial literacy then build on those 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 will be the focus. Strategies for investing, tax, insurance, and retirement planning, as well as estate planning will be studied. In addition, basics of business financial planning will also be discussed, including the purpose and use of financial statements in making business decisions.
*According to the Commissioner's Memo Number LS-18-049dated 12/15/2017, this course will meet Act 480 requirements, will embed the Economics standards, and will also count as a CTE elective for Business and Marketing programs of study. Students completing this course will receive 1.5 credits (1 career focus and .5 economics).

Grade Levels: 9-12
Pre-Requisite: Survey of Business if taking for concentrator status
Required by State of Arkansas for graduation. Must be taken in grades 10-12.
Course Length: 1.5 Credit-Year (includes Economic credit)

Family & Consumer Sciences

493080 Family Consumer Science (Level 1)
OTH090 Summit Life Skills / OTH060 AVT Family and Consumer Science

Family and Consumer Science is designed to provide students with the basic information and skills needed to function effectively in the family and the workforce, within a complex and changing society. Emphasis is given to the development of competencies related to Family, Career, and Community Leaders of America; individual and family relationships, healthy lifestyle choices; housing and interior design; garment care, selection and construction; the physical, emotional, social and intellectual development of children; nutrition, meal planning, food preparation and food service; home management, money management. Upon completion of this course, the student should have developed skills that promote a positive influence on the quality of life.
Grade Levels: 8-12
Course Length: 1 credit-Year
Pre-Requisite: None

490890 Fashion and Interior Design (Level 2)
OTH182A/181A Fashion and Interior Design

The Fashion and Interior Design course will introduce students to skills necessary for personal fashion and residential interior design. The student will gain knowledge and industry necessary skills needed in the fashion and interior design career fields. The skills introduced and taught are clothing care and selection, characteristics of natural and synthetic fibers, types of fabric and fabric finishes, laws and regulations related to the clothing and textile industry, use and care of basic sewing supplies and equipment, fabric selection for clothing and housing materials, clothing construction techniques, and careers related to the fashion and textile industry. Students will also gain knowledge related to the basics of home design, materials used in home design and construction, home maintenance and safety, and careers in housing and interior design. Upon completion of this course, the student should acquire textile construction skills and design skills enabling them to advance to the next level in the fashion and interior design field.
Grade Levels: 10-12
Course Length: 1 credit – Year long
Pre-Requisite: FACS

490900 Advanced Fashion and Interior Design (Level 3)
OTH182B/181B Fashion and Interior Design

Students in Advanced Fashion and Interior Design are required to have a personal sewing machine or have access to one for assignments.

Students in Advanced Fashion and Interior Design will develop necessary skills for the management and construction of commercial building, industrial garment construction and related projects. Basic construction techniques are integrated throughout the course in various projects. One or more advanced level projects will create projects using correct construction techniques and commercial interior design skills. Students will have in-depth experiences using advanced sewing techniques, such as pattern alterations exploring seams and constructions, use of facing and advanced hand stitching techniques and the use of advanced technology. The student will also develop skills for understanding commercial regulations pertaining to interior design. Upon completion of this course, students should master knowledge and skills needed for designing and constructing projects in both the fashion and interior design industry as well as develop a professional portfolio.
TBD-Sewing Machine required
Grade Levels: 11-12
Course Length: 1 credit- Year long

Pre-Requisite: Fashion & Interior Design

493020 Child Growth and Development (Level 2)
OTH110 AE2/BE2 Child Development

Child Development & Parenting focuses on skills needed to guide the physical, intellectual, emotional, and social development of children. Emphasis is given to the development of competencies related to the study of children, pregnancy and prenatal development, birth and the newborn, types of growth and development, stages of growth and development, needs of children, factors influencing the behavior of children, children with special needs, coping with crises, the effects of technology on child development, and careers related to the area of child development. Experiences are designed to assist students in developing an understanding of the parenting process and of parenting skills. Competencies developed in this course will be useful to anyone who lives with, associates with, or works with children. Emphasis in this course is given to the development of competencies related to the parenthood decision, costs of having and raising a child, the promotion of child growth and development, effects of heredity and environment on development, rights and responsibilities of parents and children, providing nurturance, guidance techniques for promoting positive behavior, prevention of child abuse and neglect, promoting health and safety of children, caring for the sick or injured child, parenting a "special needs" child, helping children cope with crises, choosing professionals to help with parenting problems, selection of child-care services, jobs and careers in child and family services.

Grade Levels: 9-12
Course Length: 1 credit-Year
Pre-req: Family Consumer Science

493150 Dynamics Human Relationships (Level 3)
OTH161/162 Early Childhood Education 1&2

Dynamics of Human Relationships focuses on the nature, function, and significance of human relationships within family, community, and career settings. This course examines skills needed for positive and productive relationships. The course also includes the study of these relationships and their effects on an individual's life. The course includes the importance of mental wellness, positive coping techniques, and awareness of treatment options of mental illnesses. This course a provides a foundation for all career areas that involve interacting with families, mental health and wellness, treatment team members, clients, patients, customers, and the public. This course provides students with information and experiences in the occupational field of childcare guidance, management, and services. Employment opportunities include childcare and guidance, foster care, family day care, and teacher assistants. Emphasis in this course is given to development of competencies related to FCCLA, employability, understanding the childcare profession, child development, health and safety of children, guiding children's behavior, guiding special needs children, planning and management of a childcare program and facility, and the effect of technology in child care and guidance management and services. Upon successful completion of this course, students will receive state certification as childcare teacher, childcare assistant, or childcare aide. The level of certification depends on the number of FACS courses taken in the childcare program of study.

Grade Levels: 11-12
Course Length: 1 credit
Pre-req: Family Consumer Science; Life Span Development

493010 Childcare Guidance, Management, and Services
OTH122D/CS Internship

<mark>*The course requires a minimum of 40 hours of hands-on laboratory experience in a childcare facility or early childhood education facility.</mark>
This course provides students with information and experiences in the occupational field of childcare guidance, management and services. Employment opportunities include childcare, guidance, early childhood education, foster care, family day care, and teacher assistants. Emphasis in this course is given to development of competencies related to FCCLA, employability, understanding the child care profession, child development, health and safety of children, guiding children's behavior, guiding special needs children, planning and management of a child care program and facility, and the effect of technology in child care and guidance management and services. Upon successful completion of this course, students may apply for state certification as childcare teacher, childcare assistant, or childcare aide. The level of certification depends on the number of FACS courses taken in the childcare program of study.
Contact Elizabeth Wallace ewallace@arva.org if interested in enrolling in this class
Grade Levels: 11-12
Course Length: 1 Credit

493240 Introduction to Education (Level 2)
OTH123D/124D Introduction to Teaching

Foundations of Teaching is a one-year course designed to provide students with information and experiences in the field of education. Students will plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and experience other responsibilities of classroom teachers. Students are involved in observations as well as direct student instruction; placement rotations are utilized to allow students to have experiences in various education career roles, grade levels, subject areas, and ability groups. Upon completion of the course, students should have identified areas of special interest that may be pursued further, have a better understanding of the teaching profession, and have enhanced employability skills which will be of benefit regardless of the occupation or career in which employed.
Grade Levels: 10-12
Course Length: 1 credit-Year   Pre-req: Family Consumer Science

493290 Education Technology (Level 3)
OTH121A/B Principles of Ed and Training

Methods of Teacher Instruction is a course designed to integrate psychological, sociological, and philosophical foundations, which prepare students for positive field experiences. This course encourages prospective teachers to become responsible, professional, and ethical as they explore the teaching profession. The students will research and examine foundations within the educational system. Upon completion of this course, a student should have a working knowledge of and   employability skills for the education profession. The student will have the opportunity to obtain the paraprofessional certification. Teacher Cadet Curriculum and
Educator's Rising Curriculum may be to assist in teaching the standards.
Grade Level: 11-12
Course Length: 1 credit
Pre-req: Family Consumer Science

493110 Food Safety & Nutrition (Level 2)
OTH171 Culinary Arts 1/OTH172 Culinary Arts 2
This course focuses on the development of essential food safety practices needed to select, receive, store, prepare, and serve food, as well as the skills needed to select food which meets nutritional needs of individuals and families. Students will learn to create and implement an environment of food safety procedures based on the latest FDA Food Code and local regulations. Emphasis is given to the development of competencies related to nutrition, weight control, the food consumer, and the effect of technology on food and nutrition. With completion of this course, students should be able to apply sound sanitation practices, and to apply sound nutritional practices which will have a positive effect on their health. Skills learned are applicable to the National Restaurant Association, ServSafe Certification.
Grade Levels: 9-12
Course Length: 1 credit-Year
Pre-req: Family Consumer Science

493200 Life and Fitness Nutrition (Level 3)
OTH080 A/B Nutrition and Wellness
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.
Grade Levels: 11-12
Course Length: 1 credit
Pre-req: Family Consumer Science; Food Safety & Nutrition

Trade and Industry

493680 Media Communications (Level 1)
COM210/COM220 INTRO TO DIGITAL MEDIA/DIGITAL MEDIA: PRODUCING FOR THE WEB

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

Grade Levels: 9-12
Pre-Requisite: None
Course Length: 1 credit--Year

494150 Advertising and Graphic Design 1 (Level 2 beginning 23-24 SY)
TCH320 DM Indesign & TCH330 DM Illustrator/ TCH310 DM Photoshop

This instructional program in the applied visual arts is a core course and prepares individuals to use artistic techniques to effectively communicate ideas and information to business and consumer audiences via illustrations and other forms of printed media. This course will focus on skills needed to obtain Adobe certifications.

Grade Levels: 9-12
Pre-Requisite: None
Course Length: 1 credit--Year

494170 Advertising and Graphic Design 2 (Level 3 beginning 23-24 SY)
TCH400 DM Dreamweaver/ TCH420 DM Affect Effects

This is a core course emphasizing the integration of computer skills and knowledge of software used in the marketplace. This course will focus on skills needed to obtain Adobe certifications.

Grade Levels: 10-12
Pre-Requisite: Fundamentals of Advertising and Graphic Design
Course Length: 1 credit--Year

494160 Advertising & Graphic Lab (Level 3 prior to 23-24 SY)
TCH410 A/B Digital Media Adobe XD

Advanced Advertising and Graphic Design takes the best, most important and relevant components of Advertising and Graphic Design Introduction and Intermediate courses and expands them for the serious third year student. Each component is flexible and can be implemented throughout the school year, fulfilling the 120 credit hours of instruction. Each component is essentially intertwined with each other and may be implemented simultaneously. This course will focus on skills needed to obtain Adobe certifications.

Grade Levels: 11-12
Pre-Requisites: Fundamentals of Advertising & Graphic Design & Intermediate of Advertising & Graphic Design
Course Length: 1 credit--Year

STEM – Science Technology Engineering & Math

465070 Programming (Level 1)
TCH100ADE3/BDE3 PBL Introduction to Computer Science
This course is designed to introduce students to a contemporary overview of today's computer science. The course is non-language-specific and provides a solid foundation using an algorithm-driven approach. To keep the course in touch with current issues, material on emerging topics is included, such as privacy, drones, cloud computing, and net neutrality. Traditional computer science topics such as, binary numbers, boolean logic, system software, networking, information security, and language programming are also included. Once students complete the CodeHS Computer Science I course, they will have learned material equivalent to a semester college introductory course in Computer Science and be able to program in JavaScript. The course is designed using a project-based learning (PBL) approach. Each unit of the course is broken down into lessons. Lessons consist of video tutorials, short quizzes, example web pages to explore, and web design exercises in which students develop and publish their own web sites. Each lesson includes at least one formative short multiple-choice quiz. At the end of each unit, students take a summative multiple choice unit quiz that assesses their knowledge of the concepts covered in the unit. **This course satisfies Computer Science credit required for graduation beginning SY 22-23 for incoming 9th graders.**
Grade Levels: 8-12
Course Length: 1 year

465180 Comp Science with Networking/Hardware Emphasis
TCH542AE4/BE4 Network+Guide to Networks with Exam Prep 1&2
This course builds on concepts from the previous course. The understanding of electronics, routers, switches, and servers will prepare students for future employment. Completion of this course will qualify as a Flex Credit (substitute for a student's 3rd science or 4th math credit).
Grade Levels: 9-12
Course Length: 1 credit--Year

465190 Advanced Networking 1 & 2
TCH551E3 –Security+ with Exam Prep
TCH552E3 Security + with Exam Prep
This course builds on concepts from the previous course. The understanding of electronics, routers, switches, and servers will prepare students for future employment. Completion of this course will qualify as a Flex Credit (substitute for a student's 3rd science or 4th math credit).
Grade Level: 11-12
Course Length: 1 credit--Year

465380 Mobile Applications Development (Level 2 or 3) OR
465390 Advanced Programming 1&2 (Level 3)
TCH311ADE2/BDE2 Mobile Applications II
TCH312AADE2/BDE2 Mobile Applications III
Students will design and build applications to run smartphones and will use the latest tools and technologies available for mobile app development. At the end of each unit, students take a summative multiple choice unit quiz that assesses their knowledge of the concepts covered in the unit. Included in each lesson is a formative short multiple-choice quiz. **Credit will be awarded per pathway choice.
Grade Levels: 9-12
Course Length: 1 credit--Year

465280 CS with Information Cybersecurity 3&4
TCH 150 ADE2/BDE2 Foundations of Cybersecurity
A CodeHS course that teaches students foundational cybersecurity topics including digital citizenship and cyber hygiene, the basics of cryptography, software security, networking fundamentals, and basic system administration. Students will complete projects at the end of each module, and a culminating course project completing a simulated hack walkthrough. Students will learn basic SQL and will utilize basic HTML and JavaScript within specific contexts and will be provided supports within those contexts. At the end of each unit, students take a summative multiple choice unit quiz that assesses their knowledge of the concepts covered in the unit. Included in each lesson is a formative short multiple-choice quiz.
Grade Levels: 10-12

465290 Advanced Information Cybersecurity 1&2
TCH151ADE2/BDE2 Foundations of Cybersecurity 2 AR
This course will build upon skills acquired in TCH 150A/B CodeHS course that teaches students foundational cybersecurity topics including digital citizenship and cyber hygiene, the basics of cryptography, software security, networking fundamentals, and basic system administration. Students will complete projects at the end of each module, and a culminating course project completing a simulated hack walkthrough. Students will learn basic SQL and will utilize basic HTML and JavaScript within specific contexts and will be provided supports within those contexts. At the end of each unit, students take a summative multiple choice unit quiz that assesses their knowledge of the concepts covered in the unit. Included in each lesson is a formative short multiple-choice quiz.
Grade Levels: 11-12

465680 CS with Programming/Coding Emphasis 3 and 4 (Game Design)
TCH071 A/B Game Design 1
With this course, students will learn about different video game software and hardware, various gaming platforms, the technical skills necessary to design games, troubleshooting and Internet safety techniques, and the history of gaming. Students will even create their own plan for a 2D video game! With the knowledge and skills students will gain in this course, they can take their hobby and turn it into a potential career.
Grade Levels: 9-12

465690 Advance Programming Game Design 1&2

TCH072 A/B Game Design 2

We live in a technologically advanced world. And a huge part of that world is based in virtual reality and video games. Do you enjoy playing video games? Have you ever thought about designing your own video game? By signing up for Game Design II, you will have the opportunity to explore all things related to video game design. This course will give you the skills to conceptualize, design, and fully create your very own video game. Explore various video game software and hardware, sharpen your coding skills, learn about game storylines, player progression, and algorithmic decision making. This course allows you to analyze player goals, player actions, rewards, and challenges, among many other game play components. Utilize twenty-first century skills involving creativity, critical thinking, communication, collaboration, and technical expertise. When you sign up for Game Design II, you are putting yourself at the forefront of a future in technology!

Grade Levels: 9-12
Pre-Req: TCH071A/B
Pathways: Game Design

UPSKILLS OVERVIEW

SWIFT CODING OVERVIEW

Students will learn the fundamentals of the Swift language throughout this program. The program begins with an introduction to coding with Swift, where no prior experience is necessary. Foundations, techniques, and tools in coding using Swift and Xcode will be used in the creation of an IOS app by the completion of the program. In order to take these courses, you must have a MAC computer/device. **After completion of these classes, students will receive a Certificate in Swift Coding**.

ANDROID DEVELOPMENT OVERVIEW

Android development will let students design and develop their very own Android apps for smartphones and tablets.

GAME PRODUCTION AND DEVELOPMENT OVERVIEW

Game production will have students working with 3D and 2D tools to produce games and content for games, including animations and programming mechanics.

UPSKILLS REQUIREMENTS

All students must have completed the 8th grade, have **a minimum ACT composite score of 19, an ACT reading score of 19, and a 2.75 high school grade point average for admission to the CEP.** An ASPIRE reading score of 428 (9th and 10th grade scores) or Accuplacer reading score of 253 may be used as an equivalent for admission. UpSkill courses are open to all high school students who meet these admission requirements.

*One of these courses can replace the 3rd science requirement
*One of these courses can replace the 4th math requirement

Work-Based Learning & Internship

493860 Internship
WB Internship 531A/B

The Internship course is a paid or unpaid experiential learning experience that integrates knowledge and theory learning in the classroom with practical application and skills development in a professional setting. The course will serve as an introductory work experience course for 10-12 grade students. A student may enroll in the Internship course for up to two years and earn a maximum of four credits. This course is not considered eligible for employer tax credit, and it is not considered an elective course for concentrator status. The Internship course includes both classroom instruction and worksite experience. Internships give students the opportunity to gain valuable applied experience and make connections in professional fields, and it gives employers the opportunity to guide and evaluate talent (2018 Advance CTE, Career Technical Education Glossary). The student and Internship teacher must develop an Internship agreement. The Internship teacher and the workplace mentor will evaluate the student. The students must be employed prior to enrolling in the class or at the end of the second week of school. Students who are not employed by the end of the second week must be withdrawn from the class.

The internship program is for serious students who plan to continue their education toward a career within the career focus area. **Students must work 120 hours/semester for a full credit and 60 hours/semester for a half credit.** Students receive guided classroom and worksite instruction that incorporates applied learning activities. Students must complete course work throughout each semester in addition to going to work. Student must have a job. We do not provide jobs for Internship students. Students must be employed prior to enrolling in the class or at the end of the second week of school. Students that are not employed by the end of the second week must be withdrawn from the class. Students must provide their own transportation to work.

CLASSROOM AND WORKSITE EXPECTATIONS:
1. Evaluate qualities of effective employees, modeling positive job performance.
2. Critique personal work ethics and soft skills needed in the workplace.
3. Identify behaviors essential to succeed in the workplace.
4. Demonstrate mastery of effective communication.
5. Identify characteristics of an effective team and leadership ability.
6. Manage financial resources – paycheck, budgeting, credit accounts, and investing.

Grade Levels: 10-12
Pre-Requisite: 2.0 or above GPA; at least 16 years of age; must have taken, or currently taking, 1 other career focus course
Course Length: up to 2 credits/year
Youth Apprenticeship
Jobs will be approved by CTE department to receive Youth Apprenticeship credit and pathway concentrator.

Course Name	Code
Bus: Finance	490210
Bus: Hospitality and Tourism	490220
Bus: Management and Administration	490240
Bus: Marketing, Sales and Services	490250
FCS: Education and Training	492070
FCS: Human Services	490290

560010 - EAST I
CS EAST 1A/B-
Students in EAST I will spend much of their time exploring their own interests and becoming familiar with the technology available in the EAST classroom (Programming, Geographic Information System, Computer-Aided Modeling and Design, Animation, Graphic Design, Digital Filmmaking, Network Design and Maintenance, etc.). There will be a heavy focus on self-directed project-based learning, problem-solving, teamwork, collaboration with peers, and building community Partnerships.
Grade Levels: 9-12
Course Length: 1 year
Pre-Reqs: N/A

560020   EAST II
CS EAST II A/B

560030   EAST III
CS EAST III A/B

560040   EAST IV
CS EAST IV A/B

495280 Pharmacy Technician
HLT431A/B Pharmacy Technician
This Pharmacy Technician course is designed to education and train the student in the diverse field of Pharmacy Technology. The student will be provided didactic coursework in the areas of prescription processing, pharmacy nomenclature, biopharmaceutics and drug activity, dosage calculations, and common mathematical formulas and conversions. Consideration of drug routes and formulations includes tablets and capsules, liquid prescriptions, parenteral and enteral, and insulin and syringes. To better understand the business side of the pharmacy world, students will learn about HIPAA, drug regulation and control, inventory management, financial considerations, legal and ethical issues, sterile and non-sterile compounding, and units of measurement. Throughout the course, the student will perform realistic pharmacy simulations that duplicate tasks performed in the work environment. This course educates and trains students in the field of Pharmacy technology, inventory management, financial considerations, and legal/ethical issues. You will be able to take a national certification exam for Pharmacy Technician after completing this course.
Grade Level: 12
Course Length: 1 year
Pre-Reqs: SCI330 A/B Anatomy and Physiology or SCI340 Condensed Anatomy and Physiology

495350 Foundations of Health Care

HLT220 Public Health/HLT230 Intro to Human & Social Services

Foundations of healthcare is the first step in a line of courses that is driven by medical interest. This course is designed to introduce students to medical professions and basic foundational skills for first aid and the treatment of patients. As we work our way through the course, students will be introduced to subjects like the history of healthcare, ethics, HIPAA and ACA, Infection Control, Workplace Issues, Teamwork, Culture and Diversity. We touch on basic medical terms as an introduction to the next course in line, Medical Terminology. The impact of health and nutrition is also discussed. Students will have the opportunity to attend a LIVE CPR/First Aid class in conjunction with this class, taught by one or both of our Medical CTE teachers.

Grade Levels: 9-12
Course Length: 1 year
Pre-Reqs: None

SCI340 Intro to Anatomy & Medical Terminology

Condensed version of Anatomy and Physiology to take concurrently with Med Cert medical courses. Semester only.

Local credit only.

Uncover the wonderful diversity of the 11 body systems while learning about the medical language that is used to describe them. This course is a must for any student thinking of entering any medical field.

495360 Medical Terminology

HLT 213/214 Medical Terminology 1&2

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

Grade Levels: 9-12
Course Length: 1 year

494050 Principles of Sport Medicine

HLT460A/B Sports Medicine 1

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

Grade Levels: 9-12
Course Length: 1 year
Pre-Reqs: NONE

494070 Sports Medicine Injury Assessment
HLT461A/B Sports Medicine: Preventing Injury

This course provides students with a more specific look at sports medicine from the perspective of injury evaluation that includes advanced injury assessment and understanding of common injuries that affect the physically active population. Students will gain a more complete understanding of injury evaluation and the role it plays in the career field of Sports Medicine. It is recommended that Human Anatomy and Physiology, Sports Medicine I, and Sports Medicine II be completed prior to enrolling in this course.

Grade Levels: 9-12
Course Length: 1 year
Pre-Reqs: HLT460 a Foundations of Sport Medicine/ CS Human Growth

494620 Introduction to Criminal Justice
LAW110/111 Careers in Criminal Justice

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

Grade Levels: 9-12
Course Length: 1 year
Pre–Reqs: None

494630 Foundations of Law Enforcement
LAW105 A/B Principles of Law, Safety, and Security

This course is designed to teach students the necessary background and practical skills to function as law enforcement officers. Topics reviewed in lecture and in applied exercises include administration of justice, basic law and procedures and patrol functions. Program Purpose/Structure - The purpose of the instructional program is to prepare students to perform the duties of police, including patrol and investigating activities, search and seizure, traffic control, crime prevention, and public relations.

Grade Levels: 9-12
Course Length: 1 year
Pre-Reqs: None

493850 Keystone (Level 1)
ORN100 Finding Your Path I

The Keystone course is a one semester course offered in grades 9-10. This course is designed to help ninth and tenth graders successfully navigate high school. Students will receive instruction in self-realization, interpersonal skills, study skills, self-management skills, goal setting, and planning strategies. This transition course will create a sense of belonging among students by having them become productive citizens of their school and community. Students will receive guidance in investigating their own interests, values, and aptitudes in relation to possible Career Pathways with life-long learning and will begin developing a flexible education plan for high school and beyond.

Grade Levels: 9-10
Course Length: ½ credit

493900 Career Readiness (Level 2)

ORN200 Finding Your Path II

Career Readiness is a one semester course offered in grades 9-12. It focuses on career preparation skills, interpersonal skills, problem solving, critical thinking skills, teamwork, self-management, communications skills, and technology skills. Emphasis will be placed on employable skills in job application and job search. Each student will develop a career portfolio.

Grade Levels: 9-12
Pre-Requisite: ORN100 Finding Your Path
Course Length: ½ credit

493880 College and Career Readiness (Level 3)

ORN300 Finding Your Path III

College and Career Readiness is a one semester course offered to students in grades 9-12. However, it is highly recommended for students in grades 11-12 due to the age requirement for the WorkKeys assessment. The course content shall reflect postsecondary education and training opportunities for success at the college level or employable level. It focuses on WorkKeys skills including Graphic Literacy, Applied Mathematics, and Workplace Documents. The online computer based KeyTrain curriculum is required to prepare students for the ACT WorkKeys assessments for the Arkansas Career Readiness Certificate. Students must be at least 16 years of age, successfully pass level four or higher in KeyTrain Career Ready 101 curriculum and have a Social Security number to take the ACT WorkKeys assessments. The curriculum, assessments, and Career Readiness Certificate (CRC) are provided free of charge to the school and to the student. WorkKeys assessment takers must also register online with the Arkansas Joblink system in the Department of Workforce Services.

Grade Levels: 9-12
Pre-Requisite: ORN100 & ORN200 Finding Your Path
Course Length: ½ credit

492780 Organizational I

CS Professional Learning A

This project-based semester course offers a foundation for understanding and evaluating organizational leadership. It is designed to assist student leaders and aspiring student leaders in developing a framework for understanding and becoming effective leaders. This course examines topics such as professionalism, organizational behavior, trends and issues, creativity, innovation, leadership, and teamwork. **This course is available for students working on pilot programs or certifications. CTE Admin approval is needed.**

Grade Levels: 9-12

Course Length: ½ Credit- Semester

492790 Organizational II

CS Professional Learning B

This project-based semester course offers a fundamental understanding and evaluation of organizational leadership. It is designed to assist student leaders and aspiring student leaders in developing a mindset of leadership with the skills and knowledge necessary to become an effective organizational leader. This course examines topics such as traits and motives of leaders, influence tactics, conflict resolution, leadership development, and succession planning. **This course is available for students working on pilot programs or certifications. CTE Admin approval is needed.**

Grade Levels: 9-12

Course Length: ½ Credit- Semester Course

496010 Community Service Learning

PRO010 Service Learning

Community Service Learning is a non-graded state awarded credit that students can receive by volunteering their time with pre-approved organizations. Students will actively participate and learn through organized service in their communities. Students must complete 75 clock hours of volunteer work and fill out a reflection form after each activity.

Grade Levels: 9-12

Course Length: 1 credit-Year

CAREER CENTERS

Please use the link below to search for a career center near you and the programs that are offered.

https://arkansasosd.com/centers/