

Arkansas Career Fields, Clusters, and Pathways Chart

ARKANSAS STANDARDS FOR COLLEGE & CAREER READINESS

Arkansas Standards for College & Career Readiness, located in the centermost section of the Career Fields, Clusters, and Pathways Chart, represent the base from which to build work and college readiness.



Arkansas Department of
Career Education
Career & Technical Education

CAREER FIELDS

Career Fields, which are identified in the segmented ring around Arkansas Standards for College and Career Readiness, are the organizing structure for the 16 career clusters and 38 pathways. The fields represent the broadest aggregation of careers. Students are normally exposed to career field exploration in middle school and early high school. Career fields have been identified as:

- Agriculture, Food & Natural Resources
- Business, Marketing & Management
- Communications & Information Technology
- Industrial & Engineering Technology
- Health Science, Criminal Justice & Public Safety
- Human Services & Education

CAREER CLUSTERS

Career Clusters, which are identified in the bold, colored bullets (❖), represent a grouping of occupations and broad industries into a national classification of 16 clusters that are based upon common knowledge and skills. Career clusters include hundreds of occupations that may be grouped into pathways around which educational programs of study can be built.

- Agriculture, Food & Natural Resources
- Architecture & Construction
- Arts, Audio/Video Technology & Communications
- Business, Management & Administration
- Education & Training
- Finance
- Government & Public Administration
- Health Science
- Hospitality & Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections & Security
- Manufacturing
- Marketing
- Science, Technology, Engineering & Mathematics
- Transportation, Distribution & Logistics

CAREER PATHWAYS

Career Pathways, which are identified by the symbol (■) under each cluster heading, represent an organization of related occupational areas within a specific career cluster. Each of these pathways has identified knowledge and skills validated by industry from which programs and programs of study are developed.



Arkansas Programs of Study

The Arkansas Career Fields, Clusters, and Pathways Chart graphically depicts the organizing framework of the college and career readiness standards, career fields, career clusters, and career pathways that Arkansas will use for developing programs of study in career and technical education. Once developed, learners at various levels (high school, collegiate, or workforce training level) will then be able to choose from several individual programs within a program of study in order to attain the specific knowledge, skills, and abilities needed to pursue a career of their choice.

A career and technical **Program of Study**, as defined in ACT 743 of 2011, is a planned program of courses and learning experiences that:

- (1) begins with the exploration of career options;
- (2) supports basic academic and life skills; and
- (3) enables achievement of high academic standards, leadership, and high skill, high wage employment preparation, and advanced continuing education.

All public school students shall be provided a rigorous career and technical education program of study that links secondary education and postsecondary education and combines academic and technical education in a structured sequence of courses that progresses from broad foundation skills to occupationally specific courses. A student may earn postsecondary credits for career and technical education program of study courses that lead to a postsecondary credential, certificate, or degree.

Arkansas Career Fields, Clusters, and Pathways



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- ❖ **Agriculture, Food & Natural Resources**
 - Agribusiness Systems
 - Animal Systems
 - Food Products & Processing Systems
 - Natural Resource & Environmental Systems
 - Plant Systems
 - Power, Structural & Technical Systems

❖ Finance

- Accounting
- Banking Services
- Business Finance
- Insurance & Investments

❖ Hospitality & Tourism

- Restaurants, Food & Beverage Services
- Travel & Tourism

❖ Business, Management & Administration

- Administrative Services
- General Management

❖ Marketing, Sales & Service

- Marketing Management
- Marketing Research

❖ Human Services

- Consumer Services
- Early Childhood Development & Services
- Family & Community Services
- Personal Care Services

❖ Education & Training

- Teaching & Training

Business, Marketing & Management
CAREER FIELD

Agriculture, Food & Natural Resources
CAREER FIELD

Arkansas Standards for College & Career Readiness

Specialized CTE work-based learning opportunities are available in FACS E* (Entrepreneurial Experience), Business/Marketing SBO (Small Business Operations) and COE (Cooperative Office Education), JAG (Jobs for Arkansas's Graduates), and Internship.

Foundation knowledge and skills for all career pathways include:

- Academic and Technical Skills • Career Development
- Critical Thinking & Problem Solving • Communication
- Creativity & Innovation • Research Strategies
- Personal Finance • Technology for Productivity Collaboration • Cultural & Global Awareness
- Civic & Personal Responsibility
- Communication • Decision Making
- Workplace Ethics

Communications & Information Technology
CAREER FIELD

❖ Arts, A/V Technology & Communication

- Media Communications
- Visual Arts

❖ Information Technology

- Network Systems
- Programming & Software Development
- Web Design & Digital Communications

Industrial & Engineering Technology
CAREER FIELD

❖ Architecture & Construction

- Construction
- Design & Pre-Construction

❖ Manufacturing

- Manufacturing Production
- Maintenance, Installation & Repair

❖ STEM

- Engineering & Technology
- Science & Math

❖ Transportation, Distribution & Logistics

- Mobile Equipment, Maintenance & Repair

Human Services & Education
CAREER FIELD

Health Science, Criminal Justice & Public Safety
CAREER FIELD

❖ Health Science

- Biotechnology Research & Development
- Health Services

❖ Government & Public Administration

- National Security

❖ Law, Public Safety, Corrections & Security

- Law Enforcement Services

LEGEND

❖ = Career Cluster

- = Career Pathway