

LEARNS

Career Diploma

Meeting 2

Meeting Norms

Prior to Meeting

- Members review all materials and come prepared to share feedback.

During Meeting

- Mute yourself when not speaking.
- Keep feedback centered on topic at hand.
- Stay engaged (e.g., actively participate and use the chat function).
- Be mindful of how much “air time” each member receives.
- All ideas are valued.

Materials (notes, slides) will be posted after the meeting for members who can not attend.

L E A R N S

Roughly six in 10 jobs in Arkansas require advanced credentials beyond a high school diploma, but less than half of the state's workers meet these requirements.

Every Arkansas student deserves opportunities to graduate on a path toward prosperity.

READINESS

Ensure students in Arkansas have a strong pathway to the workforce.

- Build career-ready pathways to a diploma:** Develop processes and requirements for career-ready pathways to ensure they lead to high-wage, high-growth careers for all graduates.
- Ensure Student Success Plans are aligned with career-ready pathways:** Create a template for Student Success Plans—a personalized education plan intended to assist students with achieving readiness for college, career, and community engagement—that aligns with career-ready pathways and provide guidance and support for districts on how to implement them.
- Conduct an annual audit of the state's career pathways:** Engage third-party experts to conduct an annual audit of the state's career pathways to ensure they reflect high skill, high wage, high demand jobs in Arkansas. The first of these audits is due July 10, 2023.



Career Diploma

Work Group Charge

This work group is focused on CAREER DIPLOMA PATHWAY. LEARNS calls for new rules or policy on:

- Career Diploma Pathway
- Credentials of Value
- Career Diploma in Standards for Accreditation
- Career Diploma and Community Service

Engagement from this group and other stakeholders is essential to ensure that the policy on career diploma is representative of the perspectives of the state's career readiness system.



Scope and Sequence




Updated scope and sequence

- **Removing June 17th Meeting**
- **Adding June 19th Meeting**

Date	Anticipated Topics
June 19 (virtual)	Graduation Requirements, Labor Market, CTE Pathways
July (face to face)	CTE Audit Review, CTE Pathways, Student Success Plans, Community Service
September (virtual)	Career Ready Pathways Framework Review
October (face to face)	Career Diploma Framework Review
December (virtual)	Career Diploma Framework Feedback & Final Review

AR Graduation Requirements

To build career ready pathways to a diploma: The working group needs to review the current Arkansas Graduation requirements and provide the strengths, weaknesses, threats and opportunities that currently exist within the Arkansas Graduation Requirement as they relate to career ready pathways.



ARKANSAS

Graduation Requirements

Course Requirements	Credit
English Language Arts	4
English 9	1
English 10	1
English 11	1
English 12	1
Mathematics	4
Algebra I	1
Geometry	1
Approved Mathematics*	1
Approved Mathematics or Computer Science Flex Credit*	1
Science	3
Biology	1
Physical Science (Physical Science, Chemistry, or Physics)	1
Approved Science or Computer Science Flex Credit	1
Social Studies	3
World History	1
U.S. History	1
Civics	0.5
Economics with Personal Finance	0.5
Physical Education	0.5
Fine Arts	0.5
Oral Communication	0.5
Health & Safety	0.5
Career Focus or Content Electives	6
Total	22

Other Requirements

- * Smart Core requires Algebra II and a math beyond Algebra I. Computer Science Flex Credit may replace fourth math credit (math beyond Algebra I).
- Students must complete a digital course for credit. A.C.A. § 6-16-1404
- Students must earn a grade in a course that includes Personal and Family Finance in grades 9-12. A.C.A. § 6-16-1301
- Students must pass the Arkansas Civics Exam. A.C.A. § 6-16-1401
- Students must complete CPR training. A.C.A. § 6-16-1403
- Beginning with the entering sixth grade class of 2022-2023, a public high school student shall be required to earn one (1) unit of credit in an ACE-approved high school computer science course before the student graduates. A.C.A. § 6-16-112

For more information, visit <https://www.ade.state.ar.us>

Last Update: 2.11.22

AR Graduation Requirements

In the chat provide a strength of the current AR Graduation Requirements as it relates to building career ready pathways for students.

Strengths

AR Graduation Requirements

In the chat provide a weakness of the current AR Graduation Requirements as it relates to building career ready pathways for students.

Weaknesses

AR Graduation Requirements

In the chat provide a opportunity of the current AR Graduation Requirements as it relates to building career ready pathways for students.

Opportunities

AR Graduation Requirements

In the chat provide a threat of the current AR Graduation Requirements as it relates to building career ready pathways for students.

Threats

AR CTE Pathways

To build career ready pathways to a diploma: The working group needs to review the current Arkansas CTE Pathways and provide the strengths, weaknesses, threats and opportunities that currently exist within the Arkansas Graduation Requirement as they relate to career ready pathways.

Career and Technical Education (CTE) Pathways

Cluster: Agriculture, Food & Natural Resources
 Career Pathways: Agriculture Systems, Agricultural Science, Research & Technical Systems, Animal Systems, Food Products & Processing Systems, Natural Resources/Environmental Services Systems, Plant Systems
 Programs of Study 1: **Cluster: Architecture & Construction**
 Career Pathways: Construction, Design and Plan Collaboration
 Programs of Study 3: **Cluster: Arts, A/V Technology & Communications**
 Career Pathways: A/V Technology & Arts, Multimedia & Broadcasting, Visual Arts
 Programs of Study 4: **Cluster: Business Management & Administration**
 Career Pathways: Administrative Support
 Programs of Study 5: **Cluster: Education & Training**
 Career Pathways: Teaching & Training
 Programs of Study 6: **Cluster: Finance**
 Career Pathways: Accounting
 Programs of Study 7: **Cluster: Government & Public Administration**
 Career Pathways: National Security
 Programs of Study 8: **Cluster: Health Science**
 Career Pathways: Biotechnology Research & Development, Diagnostic Services
 Programs of Study 9

Cluster: Hospitality & Tourism
 Career Pathways: Restaurant & Food & Beverage Services, Travel & Tourism
 Programs of Study 2: **Cluster: Human Services**
 Career Pathways: Counseling Services, Family & Community Services
 Programs of Study 3: **Cluster: Information Technology**
 Career Pathways: Computer Systems
 Programs of Study 4: **Cluster: Law, Public Safety, Corrections & Security**
 Career Pathways: Emergency & Fire Management Services, Law Enforcement Services
 Programs of Study 5: **Cluster: Manufacturing**
 Career Pathways: Manufacturing, Installation, & Repair in Production
 Programs of Study 6: **Cluster: Marketing**
 Career Pathways: Marketing Management, Marketing Services, Merchandising
 Programs of Study 7: **Cluster: Science, Technology, Engineering & Mathematics**
 Career Pathways: Accounting & Technology
 Programs of Study 8: **Cluster: Transportation, Distribution, & Logistics**
 Career Pathways: Facility & Mobile Equipment Maintenance & Repair, Logistics Planning & Management Systems
 Programs of Study 9

See us and our website and find out what pathway is right for you!

12 Programs of Study Aligned to 22 Unique Career Pathways

Arkansas Career and Technical Education Career Pathway Chart 2023-2024 School Year

Career Cluster: STEM
 Career Pathway: Automation & Robotics Technology

JUNIOR HIGH / MIDDLE SCHOOL	
Information and Robotics (IR)	Design and Modeling (DM)
Energy and the Environment (EE)	Flight and Space (FS)
Green Architecture (GA)	The Magic of Electronics (ME)
The Science of Technology (ST)	Career Medical, Detachments (CM)
Engineering Technology Education (ETE)	Engineering Technology Education (ETE)

POST-SECONDARY

FOUNDATIONAL COURSES: Choose one or more of the following courses:
 Information & Robotics Technology
 Automation & Robotics Technology II

CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one foundational course:
 Automation & Robotics Technology II

COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3 credits in this Pathway:
 Automation & Robotics Technology II
 Career Practicum

SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)
 Calculus: ACT
 Physics: Any Foundational Computer Science Course

POST-SECONDARY OPTIONS

2-3 Year Certificate	3 Year Associate Degree	4 Year Bachelor's Degree
<ul style="list-style-type: none"> Maintenance Engineer 	<ul style="list-style-type: none"> Robotics Technician Customer Systems Analyst 	<ul style="list-style-type: none"> Software Quality Assurance Analyst System Analyst & Industrial Designer

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LEARN MORE ABOUT OCCUPATIONS AND WAGES

AUTOMATION & ROBOTICS TECHNOLOGY

SCLE Career Paths
 SCLE Conditions of Value
 Arkansas Workforce Services

TSA | SkillsUSA

are the Career and Technical Student Organizations (CTSOs) for students in the Automation & Robotics Technology Career Pathway

National TSA | National SkillsUSA
 Arkansas TSA | Arkansas SkillsUSA



AR CTE Pathways

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Strengths

AR CTE Pathways

In the chat provide a weakness of the current AR CTE Pathways as it relates to building career ready pathways for students.

Weaknesses

AR CTE Pathways

In the chat provide a opportunities of the current AR CTE Pathways as it relates to building career ready pathways for students.

Opportunities

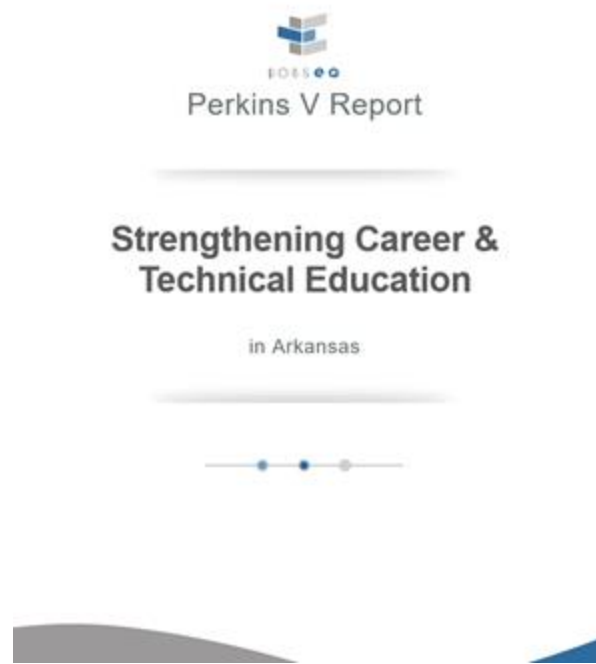
AR CTE Pathways

In the chat provide a threats of the current AR CTE Pathways as it relates to building career ready pathways for students.

Threats

AR Labor Market Data

To build career ready pathways to a diploma: The working group needs to review the current Arkansas Labor Market Data as they relate to career ready pathways.



Next Steps

- Ross White will send draft materials in advance of next meeting
- Doodle Poll for July Meeting
- Work group members review background materials
 - [LEARNS Act](#) (pg 34-37)
 - [Standards for Accreditation](#) (pg. 11-12)
 - [Current CTE Pathways](#)
 - [Grading and Course Credit Rules](#)
 - [College and Career Planning Program Rules](#)