# College and Career Pathways Fall Forum 2024

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### Agenda

- Your Story
- The Pathways
- The Framework
  - $\circ$  Individual Plan
  - Professional Learning
  - Career-Focused Instructional Sequence
  - $\circ$  Academic Readiness
- Career Pathway Endorsement Data
- Resources and Trainings

Please reference the <u>ISBE Pathway</u> <u>Endorsement webpage</u> for the latest CCPE updates, office hours, trainings, and webinars.





## **Your** Career Pathway Story

When did you decide that you wanted to become an educator?

- Before high school
- During high school
- After high school but before college
- During college (undergrad)
- After your (first) Bachelor's
- After working in another field
- After earning a graduate degree
- Other





# **Your** Career Pathway Story

- Did you take aptitude tests or career interest surveys in middle school or high school?
- Did you have counseling opportunities to explore a range of possible careers?
- Did you have workplace experiences through school as a regular part of high school?
- Did your high school classes prepare you with/for the skills you use daily in the workplace?



### What is a College and Career Pathway Endorsement?

A College and Career Pathway Endorsement is awarded on Illinois high school diplomas/transcripts to simultaneously demonstrate students' readiness for postsecondary programs and entry-level professional learning experiences in a selected career interest area. The endorsement incentivizes career exploration and acceleration, particularly in-demand career fields.





## **Timeline Requirements**

| By School Year | All High Schools and Unit Districts are required to offer                                         |
|----------------|---------------------------------------------------------------------------------------------------|
| 2026-27        | One College and Career Pathway<br>Endorsement                                                     |
| 2028-29        | Two College and Career Pathway<br>Endorsements                                                    |
| 2030-31        | Three College and Career Pathway<br>Endorsements (School districts with<br>more that 350 schools) |

About half of school districts in Illinois have opted for early adoption of the program, already offering one or more pathway endorsements.

## **7 Illinois College and Career Pathway**

#### **Crosswalk of Endorsement Areas to National Career Clusters**

|                                                              | RELATED CAREER CLUSTERS                                                                                                                                                                                                                   |  |  |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| ENDORSEMENT AREA                                             | (From National Career Cluster Framework)                                                                                                                                                                                                  |  |  |
| ANFR (Agriculture, Food, and Natural<br>Resources)           | Agriculture, Food, and Natural Resources                                                                                                                                                                                                  |  |  |
| A&C (Arts and Communications)                                | <ul> <li>Arts (Performing and Visual), Audio/Video Technology and<br/>Communications</li> </ul>                                                                                                                                           |  |  |
| FBS (Finance and Business Services)                          | <ul> <li>Business Management and Administration</li> <li>Finance</li> <li>Marketing</li> <li>Hospitality and Tourism</li> <li>Transportation, Distribution, and Logistics (Logistics Pathway)</li> </ul>                                  |  |  |
| HPS (Human and Public Services)                              | <ul> <li>Education and Training</li> <li>Government and Public Administration</li> <li>Law, Public Safety, Corrections, and Security</li> <li>Human Services</li> </ul>                                                                   |  |  |
| HST (Health Sciences and Technology)                         | Health Sciences                                                                                                                                                                                                                           |  |  |
| IT (Information Technology)                                  | Information Technology                                                                                                                                                                                                                    |  |  |
| METT (Manufacturing, Engineering,<br>Technology, and Trades) | <ul> <li>Architecture and Construction</li> <li>Manufacturing</li> <li>STEM (particularly Engineering and Technology Pathway)</li> <li>Transportation, Distribution, and Logistics (Transportation Technology)</li> <li>Energy</li> </ul> |  |  |



ARTS &

COMMUNICATIONS

AGRICULTURE

FOOD & RESOURCES





**HUMAN & PUBLIC** SERVICES

INFORMATION

TECHNOLOGY

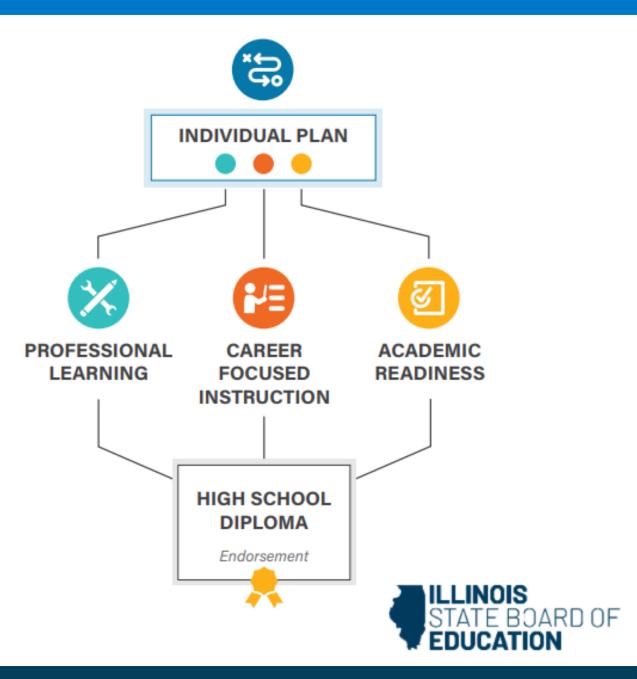


MANUFACTURING, ENGINEERING, **TECHNOLOGY & TRADES** 



Postsecondary & Workforce Readiness Act

## College and Career Pathway Endorsement (CCPE) Framework



### **INDIVIDUAL PLAN**

Each student completing an endorsement must have an individualized plan, which includes college planning linked to early understanding of career goals, financial aid, resume, and personal statement.





## **Individual Career Plan**

Individual career plan is a tool that students use-with support from school staff (administration, counselors, teachers, etc.), outside partners, and parents- to define their personal interests and goals related to their education, career and postsecondary education and to plan what courses to take and what activities to participate in during their educational experiences to further their interests and achieve their goals.





## What an Individual Student Plan Isn't

- One time activity
- Something that lives on a shelf
- Lives only with school counselor
- A plan not accessible to parents
- Simply an interest inventory or skills survey





**Question 1:** How are students supported with comprehensive postsecondary and career planning?

**Question 2:** Where are you collecting and storing information regarding the students' Career Goals?

**Question 3:** What are the various roles that are responsible (role/positionnot name) for the work related to students' Career Goals? (Multiple positions should be included)



**Question 4:** Where are you collecting and storing information regarding the students' Postsecondary plans?

Question 5: What are the various roles that are responsible (role/positionnot name) for the work related to students' Postsecondary plans? (Multiple positions should be included)

**Question 6:** Where are you collecting and storing information regarding the students' Financial Aid and Literacy plans?

**Question 7:** What are the various roles that are responsible (role/positionnot name) for the work related to students' Financial Aid and Literacy plans? (Multiple positions should be included)



## **Individual Student Plan - Stored**

- Places the plan is kept or stored
  - Management Software
    - Xello, MajorClarity, Naviance, Kuder, etc.
  - Excel or Google Sheets
  - Student Managed
  - Counselor/Student Services
    - Hard copies

Is this accessible to students after graduation?





### **PROFESSIONAL LEARNING**

Awareness, exploration, and preparation activities that provide opportunities for students to interact with adults in their workplace

|                                                                       | 9th |  | 10th |                                             | 11th                                                                                                            |                                                | 12th |
|-----------------------------------------------------------------------|-----|--|------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------|------|
| At least 2 career exploration activities or<br>1 intensive experience |     |  |      | cumulative hours of<br>velopment experience | A CONTRACTOR OF | supervised career<br>ssional skills assessment |      |
| At least 2 team-based challenges with adult mentoring                 |     |  |      |                                             |                                                                                                                 |                                                |      |

 $\uparrow$ 

Through these experiences, a student gains essential employability and technical competencies in their identified sector.

### CAREER-FOCUSED INSTRUCTIONAL SEQUENCE

Two years of secondary coursework, or equivalent competencies, that articulate to a postsecondary credential with labor market value. Must include at least 6 hours of early college credit.

| 9             | 9th          |              | 10th  | 1 | 11th | 1          | 12th             |
|---------------|--------------|--------------|-------|---|------|------------|------------------|
| Orientation / | Introduction |              |       |   |      |            |                  |
|               |              | Skill Develo | pment |   |      |            |                  |
|               |              |              |       |   |      | Capstone / | Advanced Courses |





#### **CROSS-SECTOR ESSENTIAL EMPLOYABILITY COMPETENCIES (ESSENTIAL SKILLS)**

| Teamwork & Conflict Resolution | Students can use their understanding of working cooperatively with others to complete work assignments and achieve mutual goals.                                                           |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Communication                  | Verbal: Students can use their understanding of English grammar and public speaking, listening, and responding, convey an idea, express information, and be understood by others.          |
|                                | Written: Students can use their understanding of standard business<br>English to ensure that written work is clear, direct, courteous, and<br>grammatically correct.                       |
|                                | <b>Digital:</b> Students can use their understanding of email, keyboarding, word processing, and digital media to convey work that is clear, direct, courteous, and grammatically correct. |
| Problem Solving                | Students can use their critical thinking skills to generate and evaluate solutions as they relate to the needs of the team, customer, and company.                                         |
| Decision Making                | Students can use their understanding of problem solving to implement and communicate solutions.                                                                                            |
| Critical Thinking              | Students can use their understanding of logic and reasoning to analyze and<br>address problems.                                                                                            |
| Adaptability & Flexibility     | Students can use their understanding of workplace change and variety to<br>be open to new ideas and handle ambiguity.                                                                      |
| Initiative & Self-Drive        | Students can use their understanding of goal setting and personal impact to<br>achieve professional goals and understand personal impact.                                                  |
| Reliability & Accountability   | Students can use their understanding of commitment, time management,<br>and follow through to ensure that a professional team functions properly<br>and meets collective goals.            |
| Cultural Competence            | Students can use their understanding of diversity and inclusion to<br>communicate and work effectively across a multitude of abilities, cultures,<br>and backgrounds.                      |
| Planning & Organizing          | Students can use their understanding of time management to plan<br>effectively and accomplish assigned tasks.                                                                              |

#### ENTREPRENEURIAL COMPETENCIES

| Principles of Entrepreneurship | Students can apply their understanding of the process and characteristics<br>of business development and promotion in order to apply strategies of<br>innovation to personal and professional business pursuits. |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Innovation & Invention         | Students can use their understanding of idea generation, design thinking, product and business development in order to introduce and process new and effective ideas.                                            |
| Growth Mindset                 | Students can use their understanding of learning from challenges, set-<br>backs, and failure in order to adapt strategies and continue efforts to<br>achieve personal goals.                                     |



# Competencies

Cross-Sector Essential Employability Competencies (Essential Skills)





#### **PLANNING AND PREPARATION**

| Childhood and Student<br>Development      | Students can use their understanding of learner development theory from early childhood through adult learning including cognitive development, self-esteem, motivation, perseverance, and intellectual risk taking in order to provide appropriate content and supports for students. |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Curriculum and Program Design             | Students can use their understanding of effective teaching strategies, scope, and sequence in order to design a logical curriculum and classroom experience that meets individual student and group academic readiness.                                                                |
| Curriculum Relevance and<br>Collaboration | Students can use their understanding of current events, cross-curriculum connections, and out-of-classroom realities to create linkages among content areas and learners' lived experiences.                                                                                           |

#### **CLASSROOM ENVIRONMENT**

| Managing and Monitoring<br>Learning | Students can describe and demonstrate strategies to enrich, maintain,<br>and alter learning environments in order to engage and motivate student<br>learning.                |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equitable Treatment                 | Students can use their understanding of diversity of language, culture, and ability to ensure an inclusionary environment for all students to learn.                         |
| Learning Environment                | Students can use their understanding of motivational, social and physical environmental elements to optimize learning and establish a positive environment for all learners. |

#### PROFESSIONAL RESPONSIBILITIES

| Citizenship, Family, and<br>Community Relationships | Students can use their understanding of community and family engagement<br>in order to connect students to opportunities and effectively support<br>learning.  |  |  |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Health, Safety, and Legal<br>Responsibilities       | Students can use their understanding of health, safety, and legal expectations in order to adhere to organizational procedures, local, state, and federal law. |  |  |

| INSTRUCTION                |                                                                                                                                                                                            |  |  |  |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Evaluation and Assessment  | Students can use their understanding of learning standard and multiple measures and methods to demonstrate learning in order to evaluate growth in learning and adjust to learners' needs. |  |  |  |
| Observation and Adaptation | Students use their understanding of individual student and classroom observation in order to adjust curriculum to meet individual and group learning needs.                                |  |  |  |



# Competencies

**Technical Competencies** 



#### Competencies



- Agriculture, Food and Natural Resources Technical Competencies
- Arts and Communications Technical Competencies
- <u>Finance and Business Services Technical Competencies</u>
- Health Sciences and Technology Technical Competencies
- Human and Public Services Technical Competencies
- Information Technology Technical Competencies
- <u>Manufacturing, Engineering, Technology, and Trades Technical</u> <u>Competencies</u>
- Cross-Sector Essential Employability Competencies (Essential Skills)



## **CCPE Planning Companion**

### College and Career Pathway Endorsement IWAS Planning Companion

Use this companion document which follows the formatting of the IWAS system to assist you in building your CCPE plan and to check the level of implementation. **Be sure to place all information in IWAS to meet the requirement.** 

CAREE CONNE**CTE** 

ILLINOIS

**Opportunities for Success** 

Endorsement Area: Select One

Specific Career Pathway: Click or tap here to enter text.

|                                          | Self-Check       | Details                                                                     |
|------------------------------------------|------------------|-----------------------------------------------------------------------------|
| Broadly describe labor market/workforce  | Yes 🗆 No 🗆       |                                                                             |
| needs for this Endorsement               |                  |                                                                             |
|                                          | Pos              | tsecondary Partner(s)                                                       |
| The pathway plan must be aligned with    | n one or more po | stsecondary institutions. This alignment allows students to continue their  |
| pathway in a seamless and deliberate r   | nanner toward a  | postsecondary credential. Be specific about the credential (e.g., Associate |
| in Applied Sciences in Cyber Security/In | formation Assura | ance.)                                                                      |
| Postsecondary Partner                    | Yes 🗆 No 🗆       |                                                                             |
| Eligible Credentials                     | Yes 🗆 No 🗆       |                                                                             |
| Postsecondary Partner (optional)         | Yes 🗆 No 🗆       |                                                                             |
| Eligible Credentials (optional)          | Yes 🗆 No 🗆       |                                                                             |
| Postsecondary Partner (optional)         | Yes 🗆 No 🗆       |                                                                             |
| Eligible Credentials (optional)          | Yes 🗆 No 🗆       |                                                                             |



### **Ensuring Labor Market Value**

Broadly describe labor market/workforce needs in the Career Pathway in which an Endorsement is being offered

### Example

As a result of examining our workforce market data and through meetings with our District Partner Advisory Council, we have identified a significant need within the Health Sciences and Technology Career Pathway for more Physicians Assistants and Nurse Practitioners. While these careers will require extensive postsecondary schooling, to help students begin to explore careers in Health Sciences and Technology in more detail, we will offer a Health Sciences and Technology College and Career Pathway Endorsement with a focus on the nursing...





# Postsecondary Partner

The plan must be aligned with coursework in the career pathway that is offered in one or more postsecondary institutions in the region.

- Name one or more postsecondary institutions in the Career Pathway regionally
- List any credentials that will result in coordination with the partner
- Eligible credentials include...
  - Bachelor's degree
  - Associate degree
  - > Apprenticeship
  - College certificate



### **Course Sequence Requirements**

- A *minimum of two years (or the equivalent of four semesters)* of courses, some of which must yield an opportunity to earn early college credit equivalent to a minimum of six college credit hours.
- A course is required to be aligned to a specific career pathway to be included in an instructional sequence.



## **Matrices**

- <u>Agriculture and Environmental Systems</u>
- <u>Arts and Communication</u>
- Business Systems
- <u>Finance Systems</u>
- Marketing
- <u>Tourism Management</u>
- Health Professions
- <u>Culinary Arts</u>
- Education Professions

- Family and Human Services
- Law and Public Safety
- Legal Professions
- Military and Public Service
- Personal Services
- <u>Computer and Information Sciences</u>
- <u>Construction and Design</u>
- <u>Manufacturing Systems</u>
- Engineering and Energy Systems
- <u>Transportation And Distribution</u>



#### **Education Professions Career Program**



**Opportunities for Success** 

This career program is focused on preparing individuals for employment in education and training with a focus on the theory and practice of learning and teaching. All career and technical education programs provide students opportunities for practical application of academic concepts. The Strengthening Career and Technical Education for the 21<sup>st</sup> Century Act (Perkins V) emphasizes student achievement in science, English language arts, and mathematics. To assist local education agencies in selecting courses best suited for this purpose, specific CTE courses with emphasis on these subjects have been highlighted below. Courses best suited for science applications are shown in yellow, mathematics are shown in blue, and English language arts are shown in orange. Local boards of education may allow CTE courses to be substituted for graduation requirements. Refer to 105 Illinois Compiled Statutes 5/27-22 and 105 ILCS 5/27-22.05 for more information.

\*All courses within the Education, General (13.0101) CTE program can be taught by any educator with an ISBE-issued Professional Educator License (PEL) that has served as a full-time classroom instructor for at least two years and is licensed to teach within the appropriate grade band. There is no requirement for these educators to attain an additional CTE Educator License with Stipulations in this content area (ELS-CTE). If an educator has the appropriate experience but is not licensed to teach in the appropriate grade band, they can add the Education & Training (HPS) ELS-CTE to their endorsement.

Science Applications Math Applications ELA Applications

| CAREER<br>CLUSTER                   | Education and Training                         | Education and Training                         |  |  |  |  |
|-------------------------------------|------------------------------------------------|------------------------------------------------|--|--|--|--|
| CIP                                 | 13.0101                                        | 13.1210                                        |  |  |  |  |
| TEACHER<br>LICENSURE<br>ENDORSEMENT | PEL with FACS<br>ELS with EDTN                 | PEL with FACS<br>ELS with ECED                 |  |  |  |  |
| РАТНWAY                             | EDUCATION, GENERAL                             | EARLY CHILDHOOD EDUCATION AND TRAINING         |  |  |  |  |
|                                     | GROUP 1: ORIENTATION COURSES                   |                                                |  |  |  |  |
| ATION                               | Career Exploration<br>22151A001                | Career Exploration<br>22151A001                |  |  |  |  |
| ORIENTATION<br>COURSES              | Human Services Career Exploration<br>19001A001 | Human Services Career Exploration<br>19001A001 |  |  |  |  |
|                                     | GROUP 2: INTRODUCTORY COURSES                  |                                                |  |  |  |  |
|                                     | Foundations to Teaching<br>19151A001           | Foundations to Teaching<br>19151A001           |  |  |  |  |
| ЗКҮ                                 | Human Growth and Development<br>19261A001      | Human Growth and Development<br>19261A001      |  |  |  |  |
| JCTORY<br>SES                       | Work and Family Relationships                  | Work and Family Relationships                  |  |  |  |  |

| Group   | State Course Code | State Course Title                   | State Course Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------|-------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Group 1 | 22151A001         | Career Exploration                   | Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. These courses expose students to various sources of information on career and training options and may also assist them in developing job search and employability skills.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Group 1 | 19001A001         | Human Services<br>Career Exploration | Human Services Career Exploration courses introduce and expose students to the career opportunities pertaining to the provision of personal and consumer services for other human beings. Course topics vary and may include (but are not limited to) caring for others, education, cosmetology, apparel/textiles, entrepreneurship, labor laws, and customer service. Course activities depend upon the careers being explored.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Group 2 | 19151A001         | Foundations<br>to Teaching           | This course introduces students to the principles underlying teaching and learning, responsibilities and duties of teachers, and strategies and techniques to deliver knowledge and information. A combination of classroom and field experiences will enable the student to gain skilled knowledge and understanding of the education profession. Course content includes projects to develop an understanding of the learner and the learning process, instructional planning, the learning environment, assessment and instructional strategies, career opportunities in the field of education, and Illinois regulations and licensing requirements.                                                                                                                                                                                                                                                                                                                                    |
| Group 2 | 19261A001         | Human Growth and<br>Development      | This course focuses on the development and wellness of individuals and families throughout the life cycle. Topics include human development and wellness theories, principles, and practices; life cycle expectations and issues, including biological, physiological, social, and psychological needs and concerns of aging adults; community services, agencies, and resources; roles, responsibilities, and functions of families, family members and caregivers; family issues, including ethics, human worth and dignity, change, stress, neglect and abuse, and care of the care -giver; individual and family wellness planning; and fostering intergenerational relationships. Practical experiences related to these topics are included through a variety of activities such as volunteer experiences, service learning, and intergenerational event planning opportunities. Information on a variety of human and family services careers is incorporated throughout the course. |
| Group 2 | 19259A001         | Work and Family<br>Relationships     | Work and Family Relationship is a project-based course that emphasize building and maintaining healthy interpersonal relationships among families, communities, society, and workplace. These courses often emphasize (but are not limited to) topics such as balancing the responsibilities of a family and career, human sexuality and reproduction, parenthood and the function of the family unit, the family life cycle, life stages, and social interactions and interpersonal relationships. The course uses communication, leadership, and management methods to develop knowledge and behaviors necessary for individuals to become independent, contributing, and responsible participants in family, community, and career settings. analyzing personal                                                                                                                                                                                                                          |

#### Education Professions Career Program (2024-2025)

# Professional Learning Career Exploration

Report on two Career Exploration Activities or one intensive Career Exploration Activity

□ Activities can take place while the student is in grades 6 –12, however at least one of the activities must take place in grades 9 –12.

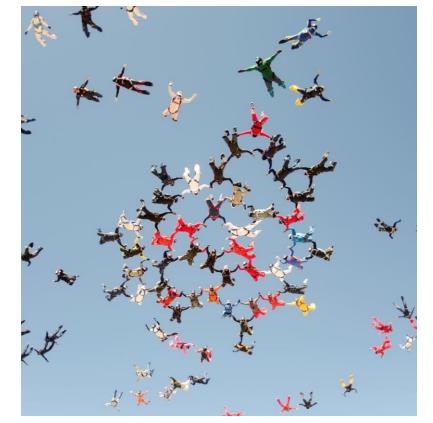




## Professional Learning Team-Based Challenges

## *Report on two Team-Based Challenges that include these components:*

- Authentic problem or challenge that is identified from or in collaboration with a community or business partner
- Meaningful interaction with an adult mentor who has career expertise relating to a team-based challenge and who is not an assigned classroom teacher
- Demonstration of at least one career pathway-specific technical competency
- Demonstration of at least one cross-sector essential employability competency skill
- □ Collaboration by students within a group to solve a problem
- Solution product(s) used for the outcome of the Team-Based Challenge





## **Authentic Task vs. Authentic Problem**

 New ISBE resource that explains the difference between Authentic Tasks and Problems and the reasoning for creating Team-Based Challenges that are rigorous and provide opportunity to build upon "critical thinking" skills for students

#### Authentic Task vs. Authentic Problem

When creating your Team-Based Challenge, it is important to ensure that challenges offer an Authentic Problem. What is an authentic problem? Authentic Problems encourage learners to explore different perspectives and processes and use critical thinking skills to develop creative solutions. The following statement accurately defines an authentic problem:

authentic problem / a-'then-tik 'prablam' noun - problems that are characterized by their connection to genuine situations, contexts, or dilemmas that people encounter in everyday life or professional practice. These problems are often open-ended, complex, and may not have a single correct solution.

| Career Pathway                            | Task                                                                                                                                                                                                               | Task - Product                                                                                                                                                                                                                           | Learning (Content)                                                                                                                                                                                                                   |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Finance and Business<br>Authentic Task    | Students will create a Business<br>plan for their Coffee Shop in<br>the library at school                                                                                                                          | Business Plan - created by<br>teams of students                                                                                                                                                                                          | Students learn the components of<br>a Business Plan                                                                                                                                                                                  |
| Career Pathway                            | Authentic Problem                                                                                                                                                                                                  | Problem - Product(s) Determined<br>by Students                                                                                                                                                                                           | Learning (Content and Skills)                                                                                                                                                                                                        |
| Finance and Business<br>Authentic Problem | A local business is applying for<br>a government grant and needs<br>support to document the<br>business's goals,<br>products/services, and financial<br>planning. Develop a plan to<br>address the business needs. | <ul> <li>Full-scale Business Plan on<br/>paper</li> <li>Presentation of the goals,<br/>services, products, and<br/>finances</li> <li>Promotional video containing<br/>an overview and future<br/>success plan of the business</li> </ul> | Students meet with businesses to<br>determine the best approach, using<br>their critical thinking skills to<br>address the needs of their clients<br>and learn the components and<br>skills needed to apply for a<br>business grant. |



### Team-Based Challenge Library

#### **Overview and Guidance**

#### **Authentic Problem**

Authentic Problems are problems characterized by their connection to genuine situations, contexts, or dilemmas that people encounter in everyday life or professional practice. These problems are often open-ended, complex, and may not have a single correct solution.

Authentic Problems:

- Encourage critical thinking skills
- Allow for student voice and choice
- Require students to "ask more questions"
- Follow various processes that may allow their products to look differently
- Work with a career expert (not their classroom teacher)
- Encourages teamwork and individual student self-motivation

#### Competencies

Competencies are one of the most important aspects of the development of a Team-Based Challenge. Competencies are the "glue" of the challenge, connecting the Authentic Problem, Industry Partner, and Solution Products in a way that highlights the skills that students walk away with from the challenge. Competencies are hyper focused, meaning that 1-2 competencies at most should be utilized to drive the challenge.

#### Industry Partner

Community and Industry partners provide support through various forms of feedback to student solution products. The partner would ideally provide support through all aspects of the challenge; however, the most important part is that they interact and provide feedback to students.

#### Solution Product(s)

Solutions products are products that provide answers to the authentic problems. Some problems have multiples questions that arise that students will try to answer. Students determine the level and depth of knowledge by which they answer the questions through their solution products.

Feel free to use these examples as a guide or example and to make changes to encourage innovation with these Team-Based Challenges. <u>Make these your own, choose the format for your students that</u> <u>matches your community's needs</u>.

### **Team-Based**

### **Challenge Library**



## **Authentic Problem**

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- Require students to "ask more questions"
- Follow various processes that may allow their products to look differently
- Work with a career expert (not their classroom teacher)
- Encourages teamwork and individual student self-motivation



## **Focus on the Competencies**

#### Competencies

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Solutions Products are products that provide answers to the Authentic Problems. Some problems have multiples questions that arise that students will try to answer. Students determine the level and depth of knowledge by which they answer the questions through their Solution Products.

Feel free to use these samples as a guide or example and make changes as needed to encourage innovation. <u>Make these your own. Choose the format for your students that matches your community's needs.</u>



#### **Team-Based Challenges: Solution Products**

#### Written Solutions

The following product solutions focus on the writing of various Work-related tasks. The focus of these products is the communication aspect of work. This includes various topics on who your audience is, what type of medium is best used situationally, and how to communicate in a fashion that is professional and to industry standards.

| Research Paper | Letter      | Brochure             |
|----------------|-------------|----------------------|
| Script         | Blog        | Editorial            |
| Book review    | Field guide | Training Manual      |
| Movie Review   | Journal     | College/Career Essay |
|                |             |                      |

#### **Planning Solutions**

The following product solutions focus on the planning of various Work-related tasks. The focus of these products is on the planning side, hence, they are often shortened solutions that analyze the plan, and not the action taking place.

| Business Plan         | Financial Plan     | Education (Lesson Plan) |
|-----------------------|--------------------|-------------------------|
| Proposal Presentation | Design/Engineering | Bid or Estimate         |
| Timeline              | Blueprints         | Celebration/Event plan  |
| Flowchart             | SWOT Analysis      | Marketing Plan          |

#### **Built or Constructed Solutions**

The following product solutions focus on the construction of Work-related tasks. The focus of these products is getting your hands dirty, and your minds working together to provide an exemplary end product.

| Models (home, car, etc)      | Invention/Prototype  | Network or Computer  |
|------------------------------|----------------------|----------------------|
| Science Experiment           | Landscapes           | Architecture         |
| Museum floor plan or exhibit | Large scale building | Space and Restraints |

#### Media Ideation or Creation Solutions

The following product solutions focus on the creative side of Work-related tasks. This is where critical thinking, creativity, outside-the-box thinking, entrepreneurial skills development, and process management skills are used the most. Some of these activities will be intense in both time and project instruction, while others will be less intense.

Animation

Comic strip

Website



## **Other Considerations**

#### **Other Considerations**

Feel free to approach the problem through a biosecurity and/or animal welfare lens.

"As a team of biologists or veterinary pathologists, design a logistics plan to address common issues that impact risk management, biosecurity, and/or animal welfare."

Reference the corresponding <u>Team-Based Challenge Companion</u> for Agriculture, Food, and Natural Resources to find additional resources that can impact instructional practices.



## **Team-Based Challenge Companions**

- <u>Agriculture, Food, and Natural Resources TBC</u> <u>Companion Guide</u>
- <u>Arts and Communications TBC Companion Guide</u>
- <u>Finance and Business Services TBC Companion</u> <u>Guide</u>
- Health Sciences and Technology TBC Companion
   <u>Guide</u>
- Human and Public Services TBC Companion Guide
- Information Technology TBC Companion Guide
- <u>Manufacturing, Engineering, Technology, and</u> <u>Trades TBC Companion Guide</u>





# **Provides Meaningful Supports**

- Checklist of items needed in my Team-Based Challenge
- Essential Employability Skills and Technical Skills
- Options for Solution Products
- Additional "Other Considerations"



## Team-Based Challenge Companion – Agriculture, Food, & Natural Resources

A Team-Based Challenge is a group-based learning project related to a career area that addresses an authentic problem that employers within the area may encounter. The project includes mentoring from adults with expertise in the career area and requires the students to present the outcomes of the of the authentic problem in a project format that builds students critical thinking and development of their essential employability competencies and technical skills.

For a student to earn a College and Career Pathway Endorsement on their high school transcript, they must participate in a minimum of two team-based challenges within their identified pathway.

#### A Team-Based Challenge must meet all the following criteria:

- Solves an authentic problem (INSERT Authentic Task vs Problem)
  - identified in collaboration with community members (industry, business, government, etc)
  - □ is local or regionally relevant to the community as a whole
  - ог
  - is connected to a "global issue" pertaining to your community
- Relates to a question in Agriculture, Food, and Natural Resources
- Student growth is tied to the essential employability competencies and/or technical skills
- A final solution product is created (<u>Team Based Challenges-Solution Products</u>)

#### Requirements for the College and Career Pathway Endorsement

Is there an existing group project in your current class that meets ALL the criteria? Whether you are implementing a new Team-Based Challenge or using an existing group project that meets the criteria, use this table to input your information Name of Team-Description: Give your Team-Based Challenge a creative name that students will Based be motivated to solve. Challenge Description: Create an authentic problem statement or question that puts the Authentic student into a real-life situation that is career related. Feel free to reference the Problem Authentic Task vs. Authentic Problem resource to create your authentic problem that Please include details about the approximate team size Students Investigat е



## Professional Learning Career Development Experience

Career Development Experience/Internship of at least 60 hours 60 hours of time completed by the student in the authentic working environment can occur either through a single Career Development Experience or may occur across two Career Development Experiences, provided that no individual experience is less than 20 hours.

Goals of the Career Development Experience/Internship include:

- •Learn and utilize the Technical Competencies for the Career Pathway
- •Learn and utilize the Cross-Sector Essential Employability Competencies
- •Understand the different aspects of the work
- •Understand the nature of the workplace setting



# Professional Learning Career Development Experience

Examples of Career Development Experiences may include:

- Work-based learning experiences (formerly referred to as cooperative education)
- Internships
- Supervised agricultural experiences
- Research apprenticeships
- School-based enterprises
- Student-led enterprises
- Youth Apprenticeships



## **ACADEMIC READINESS**

Ready for non-remedial coursework in reading and math by high school graduation through criteria defined by district and local community college







# Career Pathway Endorsement Data



# **Status of the State**

About half of school districts have chosen to adopt the pathway endorsement program early, in advance of the statewide requirement. The number of endorsements awarded to the Class of 2024 more than doubled from the 1,072 earned by the Class of 2023, reflecting the steady growth of the College and Career Pathways **Endorsement Program.** 







"High school is a critical time for preparing students for their future," said State Superintendent of Education Dr. **Tony Sanders.** "The College and Career Pathway Endorsement program plays a key role in ensuring they are ready for life after graduation. By connecting students with real-world experiences and specialized coursework, we are giving them the tools to thrive in both college and career. I applaud the students and school districts opting into this program early, providing valuable leadership for other districts to follow."



# Districts awarded the following endorsements to the Class of 2024 graduates:

- Arts and Communications 60 endorsements (5 districts)
- Agriculture, Food, and Natural Resources 168 endorsements (11 districts)
- Finance and Business Services 376 endorsements (12 districts)
- Health Sciences and Technology 621 endorsements (50 districts)
- Human and Public Services 935 endorsements (55 districts)
- Information Technology 81 endorsements (8 districts)
- Manufacturing, Engineering, Technology, and Trades 175 endorsements (15 districts)
- **Multidisciplinary** 6 endorsements (3 districts)



## Want to Learn More? October In-Person Workshops

## Register now for the CCPE 101/CCPE 201 In-Person Workshops!

These workshops are intended for district staff that are working on any component of the CCPE. **CCPE 101 (8:30 to 11:30am)** will include information on the required components, including opt-out information, and will include dedicated time to work through the CCPE components alongside ISBE CCPE staff.

**CCPE 201 (12:30 to 3:30pm)** is an in-depth workshop covering the components, building on industry partnerships, and increasing the number of endorsements offered within the district. Dedicated work time will be included with feedback from ISBE CCPE staff.

## Dates/Locations:

- Monday, October 7th, Waubonsee Community College Sugar Grove
- Wednesday, October 9th, Parkland Community College
- Thursday, October 17th, Jerseyville High School
- Friday, October 18th, ROE #33/Galesburg

PD Hours are available for each session



# **October 1st Webinar Recording**

## College and Career Pathway Overview Webinar

Heather Lueken <u>hlueken@isbe.net</u> Sophie Nuding <u>snuding@isbe.net</u>

0:01 / 1:51:25

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# **Professional Learning Calendar 24-25**

**Opportunities for Success** 



| October 16  | 3:30 PM  | CTE & Equity Promising Practices - Accessibility - Eliminating Barriers for CTE Students                                  |
|-------------|----------|---------------------------------------------------------------------------------------------------------------------------|
| November 12 | 11:00 AM | <u>New Teacher - Using the Essential and Technical Skills in Your Lesson Planning (Lesson</u><br><u>Sharing Workshop)</u> |
| December 3  | 11:00 AM | New Teacher - Helping Students Learn: Planning Ideas for Your Spring 2025 CTE Course                                      |
| December 11 | 3:30 PM  | CTE & Equity Promising Practices Series - Bias, Micromessaging and Stereotypes                                            |



# **ISBE CCPE Website**



Careers at ISBE Contact Us

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> ELIS Log Into IWAS Become a Teacher Public School District Lookup FRIS Inquiry IL Report Card About the Agency and Board Topics A-Z

爺 > College and Career Readiness > College and Career Pathway Endorsement

### COLLEGE AND CAREER READINESS

College and Career Pathway Endorsement

#### RESOURCES

- Authentic Task vs. Authentic Problem
- CCPE Academic Readiness 🕌
- CCPE Coordinator List 峇

## COLLEGE AND CAREER PATHWAY ENDORSEMENT

- FY23 Recipients 崙
- FY22 Recipients 
  FY21 Recipients

## COLLEGE & CAREER COLLEGE AND CAREER PATHWAY ENDORSEMENT

The Postsecondary and Workforce Readiness Act includes a process for school districts to award College and Career Pathway Endorsements to high school graduates. Students earn endorsements by completing an individualized learning plan, a career-focused instructional sequence, and professional learning opportunities.

### News and Updates

 Register now for the College and Career Pathway Endorsement (CCPE) Component Overview Webinar! A Tuesday, Oct 1, 2024 9:30 - 11:30AM CDT

This webinar will include an overview of the components of the College and Career Pathway Endorsements, including opt-out requirements recently added to the IWAS system, Examples of each component will be provided as well as discussions on the new component companion resources which will assist districts in building their CCPE plans,

Register now for the CCPE 101/CCPE 201 In-Person Workshops!

These workshops are intended for district staff that are working on any component of the CCPE. CCPE 101 (8:30 to 11:30am)will include information on the required components, including opt-out information, and will include dedicated time to work through the CCPE components alongside ISBE CCPE staff, CCPE 201 (12:30 - 3:30pm) is an in-depth workshop covering the components, building on industry partnerships, and increasing the number of endorsements offered within the district. Dedicated work time will be included with feedback from ISBE CCPE staff, PD hours are available for each session.







