

State Career Pathways Policy & Youth Apprenticeship

NOFO Webinar July 22, 2021

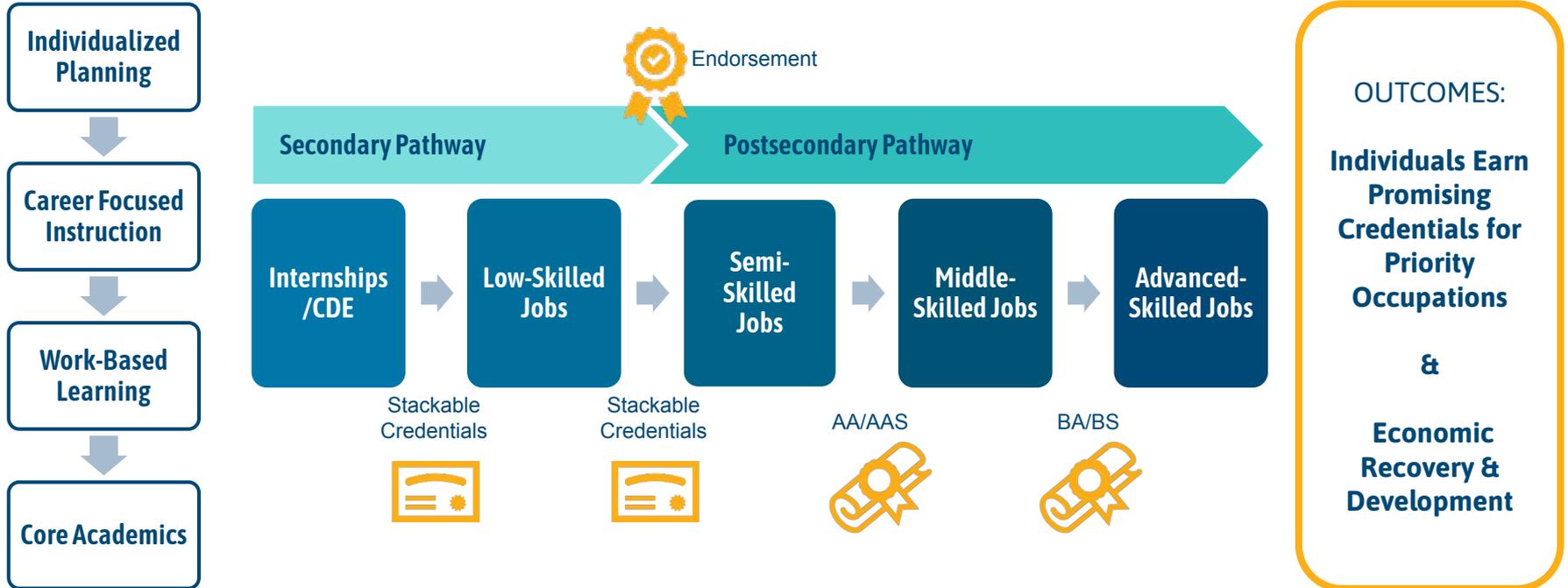


What We'll Review Today

- State Career Pathways policy framework & continuum of work-based learning
- Illinois Career Pathways Dictionary
- Perkins Model Programs of Study
- Work-based learning in the context of Career Pathways
- Resources to support work-based learning development



State Career Pathways Framework

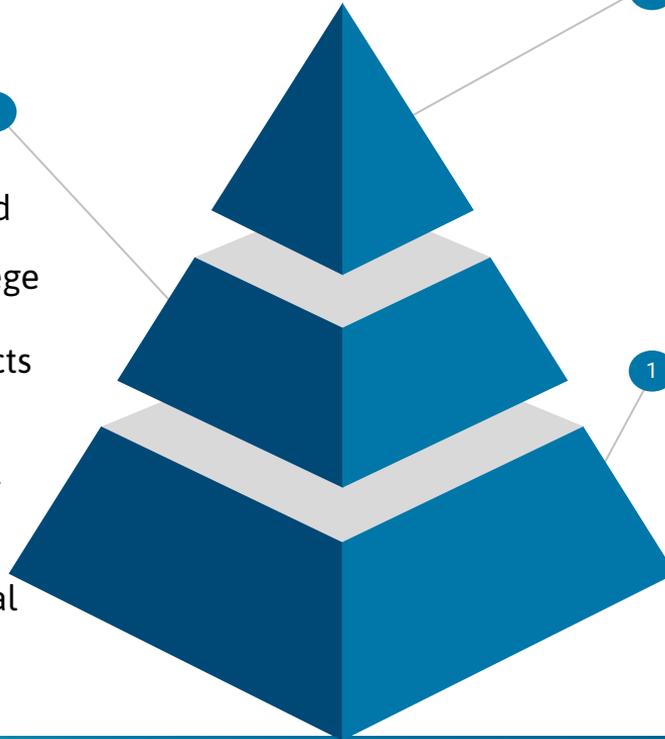


State Pathways Policy Framework: College, Career and Life Ready

Accelerated Towards a Career Area

- Multiple years of coursework, increasing commitment to the field
- Emphasis on Early college coursework in “Career-focused” subjects
- Courses go Beyond Traditional High School CTE and Industry Credentials, include Complementary General Education Courses

2



3

Academically Ready for College

- Required success in College-Level, career-focused coursework and electives
- Required placement college-level placement in Math and English (through collaboration with local Community College)

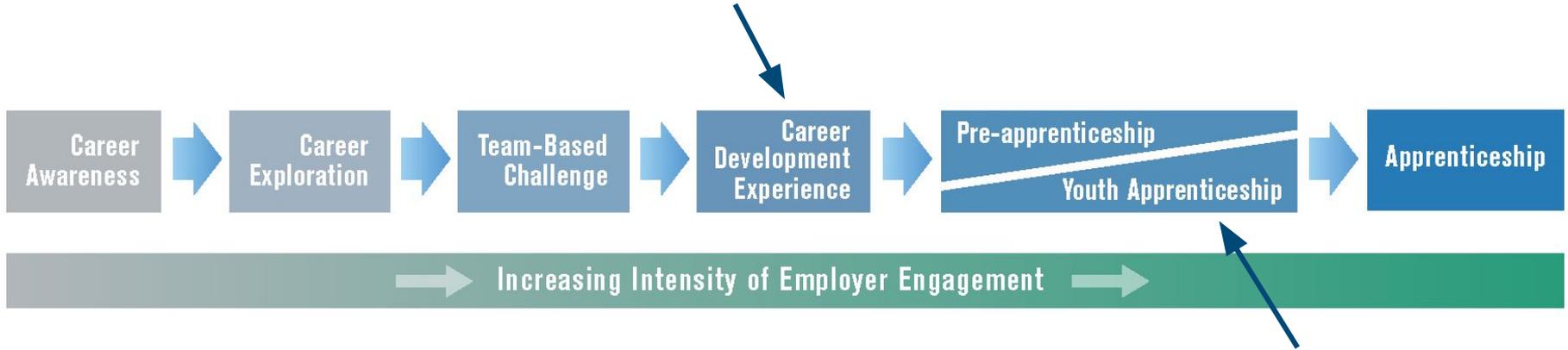
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Foundational Skills for All Careers

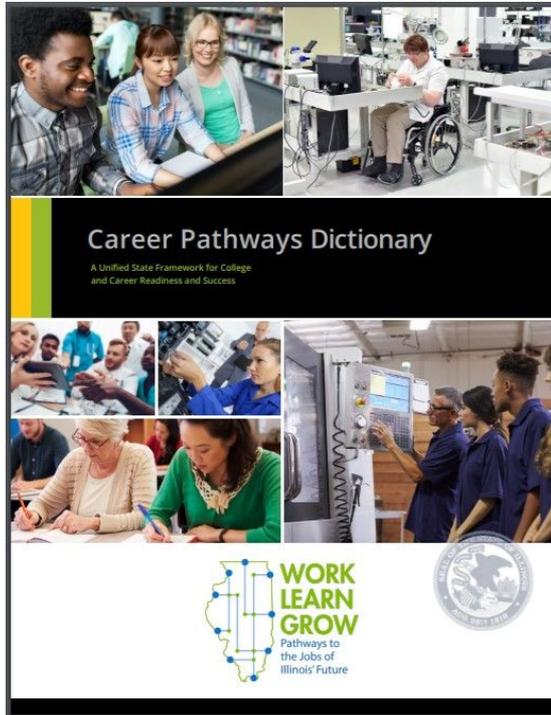
- General employability and entrepreneurial skills embedded in HS experience
- Student have a familiarity with work-based setting and robust experience in problem-based learning



Illinois Work-Based Learning Continuum



Illinois Career Pathways Dictionary



- Created by an interagency committee in 2018
- Includes a unified definition of career pathways and associated definitions
- Includes continuum of work-based learning activities and definitions
- Grounded in statute (WIOA, Postsecondary & Workforce Readiness Act, etc.) and best practices in the field

WIOA
WORKS

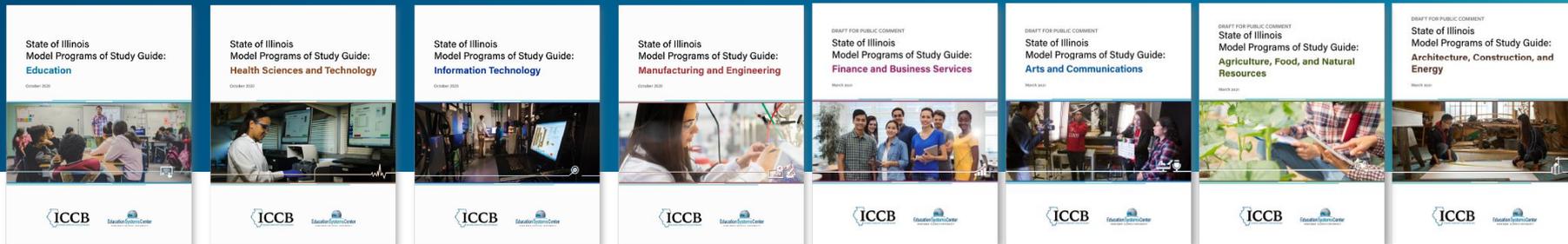


Why Develop Statewide Model Programs of Study?

The primary purposes and goals for the Model Programs of Study are to:

- Provide guidance and **exemplars for local programs** to **adopt or customize** as they develop programs of study for approval as part of the **Perkins V Plan**.
- Establish a framework for State agencies to develop and implement program supports.
- **Identify priority dual credit courses** that are **foundational to the industry area** and well-situated for statewide scaling and articulation.
- Define the **competencies that should be sequenced** across a program of study course sequence to prepare students for the future of work in that industry area.





Current Statewide Guides

- Health Sciences
- Information Technology
- Education
- Manufacturing and Engineering

New Guides

- Agriculture, Food and Natural Resources
- Arts and Communications
- Finance and Business Services
- Architecture, Construction and Energy

edsystemsniu.org/guides





Role of Advisory Committee

Expertise and guidance:

- What are trends in the industry that aren't reflected in Labor Market Information?
- What credentials/degrees are emerging as most promising in the field?
- How does our desk analysis relate to on-the-ground implementation?
- What are future of work implications for this sector?

Inform key decision-points in this process:

- Pathway map approach
- Selecting strategic early college credit courses
- Identifying key competencies (building from existing State technical competencies)



Model Programs of Study Mapping Process

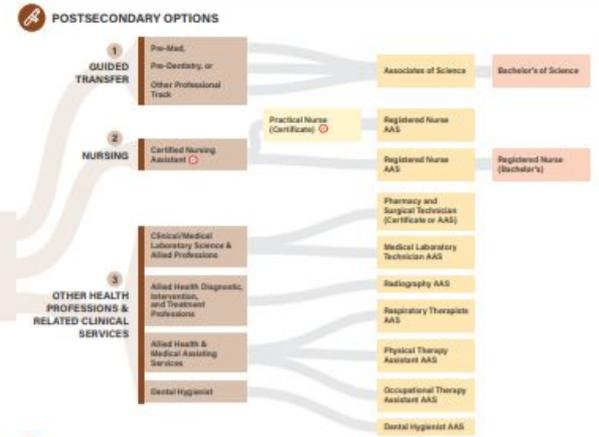


Model Programs of Study Guide: Health Sciences



WORK-BASED LEARNING	SCIENCE	SOCIAL SCIENCE	MATH	ENGLISH
<ul style="list-style-type: none"> Career Exploration (2) Team-Based Challenge, e.g. HOSA, SkillsUSA, and others Career Development Experience Youth Apprenticeship 	<ul style="list-style-type: none"> Science Sequence Biology Chemistry 	<ul style="list-style-type: none"> Social Science Sequence Psychology 	<ul style="list-style-type: none"> Algebra I Geometry Algebra II Pre-Calculus Transitional Math: Quantitative Literacy Statistics Pre-Calculus General Education Math 	<ul style="list-style-type: none"> English Sequence Transitional English English Composition

After dual credit course
 Dual credit course
 Dual credit course
 Course or Program prepares for Industry Credential
 Postsecondary Course Affiliated with AI Code
 College and Career Pathway Endorsed
 Courses in this column were accomplished through early college credit. Students should take the most required course in the sequence or if there are additional AAS or Major Courses

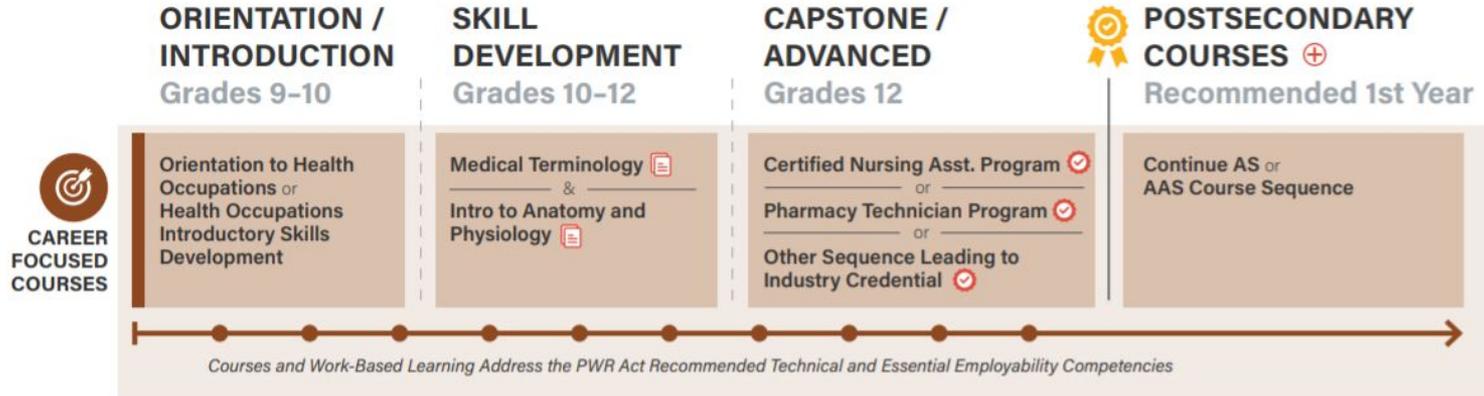


Program	Typical Job	Near or Above Living Wage Threshold for 1 Adult + 1 Child ¹		Growth in Illinois: Annual Job Openings ²		Growth in Illinois: % Change Over 10 years ²		Stackable?
		Y	N	Y	N	Y	N	
1 Pre-Professional Track	Podiatrist, General	Y		38453	0	2%		Typically Requires Bachelor's Degree & Prof. School
	Dentist	Y		30876	181	0%		
2 Nursing / Registered Nurse	Nursing Assistant	N		11170	1340	8%		Typically Required for AAS or BS
	Licensed Practical and Licensed Vocational Nurse	Y		20164	1400	2%		Can Stack to BS or MS in RN, or BSN, or MSN, or PhD in RN, or PhD in Nursing
3 Surgical Technology, Medical & Laboratory Tech, Radiography	Registered Nurse	Y		22416	2200	9%		Not Typically Stackable
	Surgical/Pharmacy Technicians	Y		35141	220 - 1300	1 - 6%		
3 Clinical/Medical Laboratory Science & Allied Professions	Medical and Clinical Laboratory Technologists	Y		32110	470	1%		
	Radiologic Technologists	Y		20157	340	2%		
3 Allied Health Diagnostic, Intervention, and Treatment Professions	Respiratory Therapist	Y		22562	340	1%		
	Physical Therapist Assistant	Y		12630	710	3%		
3 Allied Health & Medical Assisting Services	Occupational Therapy Assistant	Y		20776	380	2%		
	Dental Hygienist	Y		22462	690	3%		Not Typically Stackable

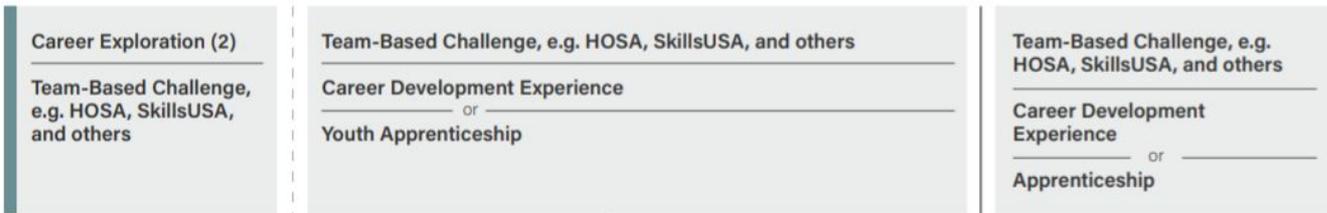
¹ Living wage calculations are based on MIT's Living Wage Calculator (<https://livingwage.mit.edu/>) where the "Living Wage" for 1 Adult + 1 Child is \$28,373/year for the state of Illinois. "Near" defined as 80% of the statewide living wage, which is \$22,698/year.
² U.S. Department of Labor, CareerConnect (<https://www.careerconnect.gov/>)



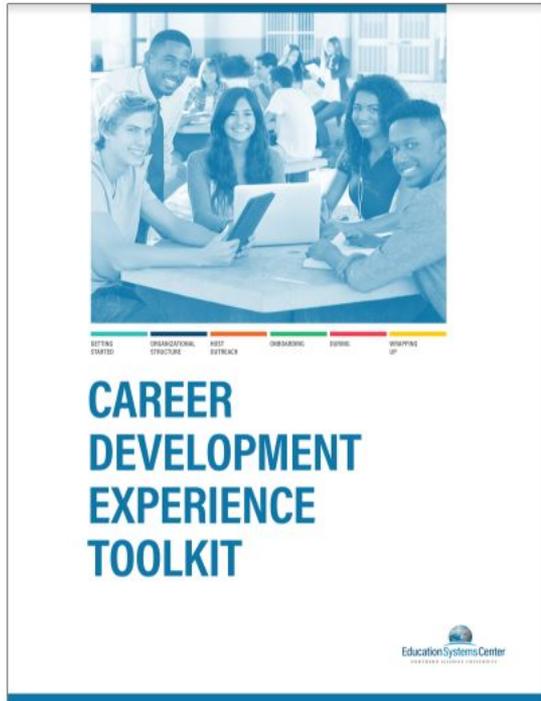
Career Development Experiences & Youth Apprenticeship in Model Programs of Study



WORK-BASED LEARNING



Career Development Experience



[Link to Toolkit](#)

Definition from Career Pathways Dictionary:

A supervised work experience relating to an individual's career area of interest that:

- Occurs in a workplace or under other authentic working conditions;
- Is co-developed by an education provider and at least one employer in the relevant field;
- Provides compensation or educational credit to the participant;
- Reinforces foundational professional skills including, at a minimum, those outlined in the Essential Employability Skills framework;
- Includes a Professional Skills Assessment that assesses skill development and is utilized as a participant feedback tool;
- Takes place for a minimum of 60 total hours.



Emerging Resource: CDE Toolkit Companion Piece

- Meant to be viewed in tandem with the CDE Toolkit.
- The purpose of this extension is to provide resources to address the needs of stakeholders outside of a traditional high school to serve youth more inclusively.
- Public comment can be provided at the following link and is open through July 30th, 2021: [Survey for Public Comment](#)
- [CDE Toolkit Companion Piece](#) (to download and review)



CAREER DEVELOPMENT EXPERIENCE TOOLKIT COMPANION PIECE

Resources Referenced in this Presentation

- [Illinois Career Pathways Dictionary](#)
- [PWR Act Technical & Essential Competencies](#)
- [Perkins Model Programs of Study Guides](#)
- [Career Development Experience Toolkit](#)
 - [Companion Piece \(Survey for Public Comment by 7/30\)](#)

