



# Dual Credit with a Purpose in Illinois

*College in High School Alliance State Dual Enrollment Academy 2023*

Emily Rusca, Managing Director of Policy & Programs

***The mission:*** no “random acts” of dual credit

A young man is sitting at a desk in a library, focused on reading a book. He is wearing a plaid shirt and a light-colored jacket. On the desk in front of him are several books, a pen, and a small notebook. The library has rows of desks and chairs, and bookshelves filled with books in the background. The lighting is soft and focused on the student.

# What kinds of early college credit courses will help students “speed up” the most?



**Core academic courses (especially Math/English)**

***IL specific:* aligned with Illinois Articulation Initiative**



**Career-Focused Courses  
(aligned to their interests and pathway)**

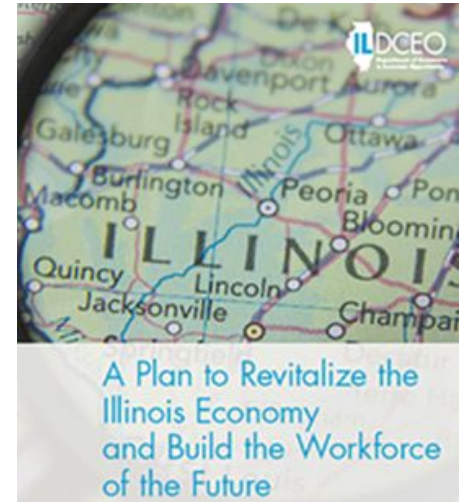


**So what does this look like?**

# College & Career Readiness Policy in Illinois



## Illinois Career Pathways Dictionary



# State Pathways Policy Framework: College, Career and Life Ready

## Accelerated Towards a Career Area

- Can simultaneously access an entry-level job within the industry, AND enter a postsecondary major due to emphasis on early college coursework in “career-focused” subjects
- WBL experiences confirm or redirect commitment to the industry sector
- Courses go Beyond Traditional High School CTE and Industry Credentials



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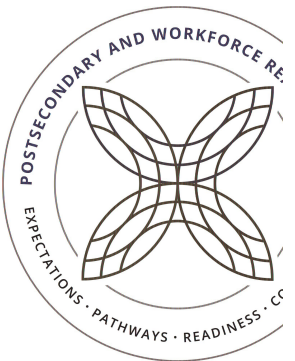
## Academically Ready for College

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

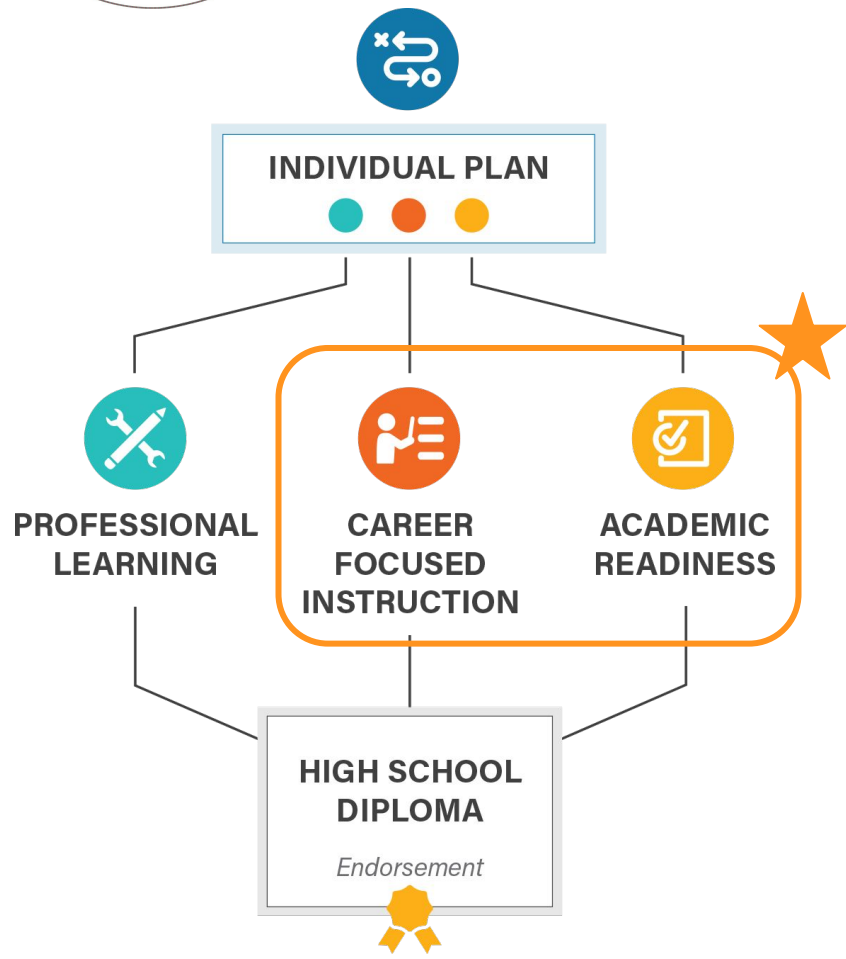
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## Foundational Skills for All Careers

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



# College and Career Pathway Endorsement 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.

## 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 1 intensive experience		60 cumulative hours of paid or credit supervised career development experience with a professional skills assessment	
At least 2 team-based challenges with adult mentoring			

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

## CAREER-FOCUSED INSTRUCTIONAL SEQUENCE

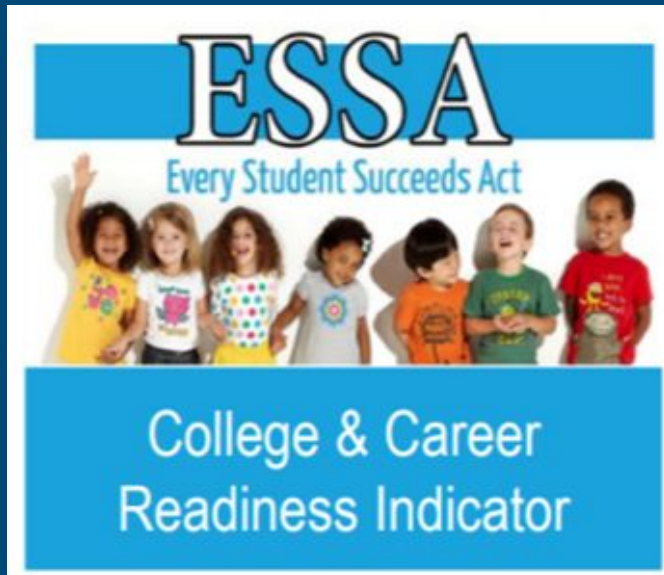
Two years of secondary coursework, or equivalent competencies, that articulate to a postsecondary credential with labor market value. Must include at least 6 hours of early college credit.

9th	10th	11th	12th
Orientation / Introduction			
	Skill Development		
			Capstone / Advanced Courses

## ACADEMIC READINESS

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

# Dual Credit in ESSA School Quality Framework



## CCRI College Ready Components

- Dual Credit English (A, B, or C)
- Dual Credit Math (A, B, or C)

## CCRI Career Ready Components

- Dual Credit Career Pathway Course (College Credit earned)



# Dual Credit Quality Act Model Partnership Agreement



*DCQA and the MPA work to address the realities that:*

- All 48 community college districts offer dual credit but type and quantity varies
- Lack of consistency in how colleges and districts partner (MPA as default agreement)

**“Priority Course”** means any course within the Illinois Articulation Initiative General Education Core Curriculum, or any Priority Career Pathway Course.

**“Priority Career Pathway Course”** means a career-focused course that has been identified by the District, after consultation with the College, in its submission to ISBE as an early college credit course within a career-focused instructional sequence as part of a College and Career Pathway Endorsement system under the Postsecondary and Workforce Readiness Act (110 ILCS 148/1 et seq.).



# Putting it together


Perkins Model Programs of Study Guides

# Model Programs of Study Mapping Process



State of Illinois Model Programs of Study Guide: **Education**

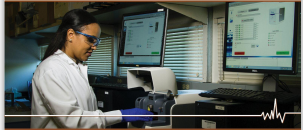
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ICCB Education Systems Center  
PARTNER COLLEGE DISTRICT

State of Illinois Model Programs of Study Guide: **Health Sciences and Technology**

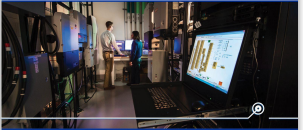
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State of Illinois Model Programs of Study Guide: **Information Technology**


October 2020



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State of Illinois Model Programs of Study Guide: **Manufacturing and Engineering**


October 2020



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State of Illinois Model Programs of Study Guide: **Agriculture, Food, and Natural Resources**


August 2021



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State of Illinois Model Programs of Study Guide: **Architecture, Construction, and Energy**


August 2021



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State of Illinois Model Programs of Study Guide: **Arts and Communications**


August 2021



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State of Illinois Model Programs of Study Guide: **Finance and Business Services**

August 2021



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# Model Programs of Study Mapping Process





# Strategic Community College Courses

- Analyze promising credential program requirements at various community colleges in Illinois
- **Tally and label** all of the career-focused & general education courses across programs to determine which of these courses:
  - Are **most common** across targeted programs
  - Are more likely **accessible** for dual credit
  - Have the potential for **transferability** and currency (via Illinois Articulation Initiative) or **industry credentials**

# Strategic Community College Courses

Finance/Business careers, courses .XLSX ☆ 📁 🌐

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Course						IAI Code	Notes	Sum	Is course a Key PreReq for other courses	IAI Course?	Accounting AA	Accounting AAS	Insurance AA	Business Administration Advanced Certificate	Business/Finance AA	Business/Economics AA (Optional online program offered through HW/C)	Human Resources Basic Certificate	Marketing/Management AAS		
	College	Credits	Course Code	Course Title	Common Name	Prerequisites															
2	CCC	3	Business 111	Introduction to Business	Intro to Business	None			7	1		1	1								
3	CCC	4	Business 181	Financial Accounting	Financial Accounting	College Level Math Pla	BUS 903		9	1	1	1	1	1	1	1	1				1
4	CCC	4	Business 182	Managerial Accounting	Managerial Accounting	Business 181	BUS 904		9	1	1	1	1	1	1	1	1				1
5	CCC	3	Business 211	Business Law I	Business Law I	None			4			1	1							1	1
6	CCC	3	Business 214	The Legal & Social Environr	The Legal & Social Environment of Business				4			1	1							1	1
7	CCC	3	Business 216	Entrepreneurship	Entrepreneurship		elective		2											1	1
8	CCC	3	Business 231	Principles of Marketing	Intro to Marketing	Business 111			4						1	1	1				1
9	CCC	3	Business 241	Introduction to Finance	Intro to Finance	Business 181			3				1		1	1					
10	CCC	3	Business 269	Principles of Management	Intro to Management	Business 111			4						1		1		1	1	1
11	CCC	3	CIS 120	Introduction to Computer /	Computer Applications for E	None	BUS 902		3		1		1								1
12	CCC	3	Econ 201	Principles of Economics I	Principles of Macroeconom	College Level English P S3	901		6		1	1		1	1	1	1				
13	CCC	3	Econ 202	Principles of Economics II	Principles of Microeconom	College Level English P S3	902		5		1			1	1	1	1				
14	CCC	3	English 101	Composition I	English Composition I	College Level English P C1	900		8	1	1	1	1	1		1	1	1			1
15	CCC	3	English 102	Composition II	English Composition II	Composition I	C1 901R		4		1	1				1	1				
16	CCC	4	Mathematics 11	General Education Math	General Education Math	College Level Math Pla	M1 904		4	1	1		1								1
17	CCC	4	Mathematics 12	Introductory Statistics	General Education Statistics	College Level Math Pla	M1 902		2				1	1							
18	CCC	4	Mathematics 14	College Algebra	College Algebra	College Level Math Placement			6	1	1	1	1			1	1				
19	CCC	4	Mathematics 20	Calculus for Business and S	Calculus for Business and Sc	College Algebra and Tr	M1 900-B		5		1	1	1			1	1				
20	CCC	3	Philosophy 107	Ethics	Ethics	College-level English p	H4 904	Satisfies Hum rec	4		1	1				1	1				
21	CCC	3	Speech 101	Fundamentals of Speech C	Oral Communication	College Level English P C2	900		5		1	1				1	1				1

Pivot Table 3 Sheet6 Combined Course Listings Pivot Table Courses 1 CCC Course Listings ECC Course Listings Explore dSystems



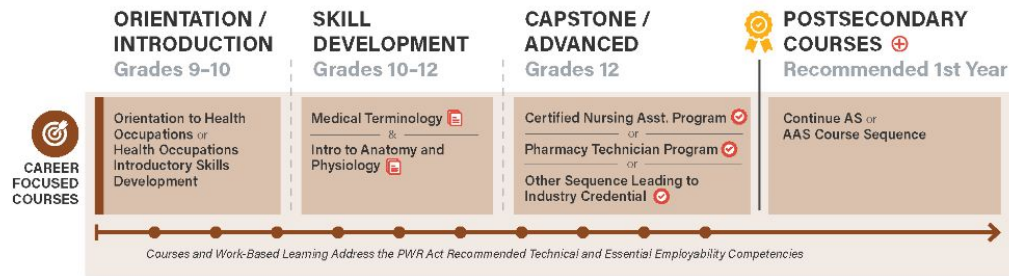
# Secondary-to-Postsecondary Course Sequence Mapping

- Recommend early college courses reasonably accessible to HS students, goal is to at least get **6+** **career-focused** credit hours by HS graduation
- Keep open possibility for unique opportunities, i.e. work-based learning or capstone course
- **For early college courses:** consider typical teacher and faculty credentials, as well as course delivery and approval processes
- Recommend sequence in general education subject areas, including early college and AP supplements
- Focus on College Readiness Placement for Math/English



# Model Programs of Study Guide: Health Sciences

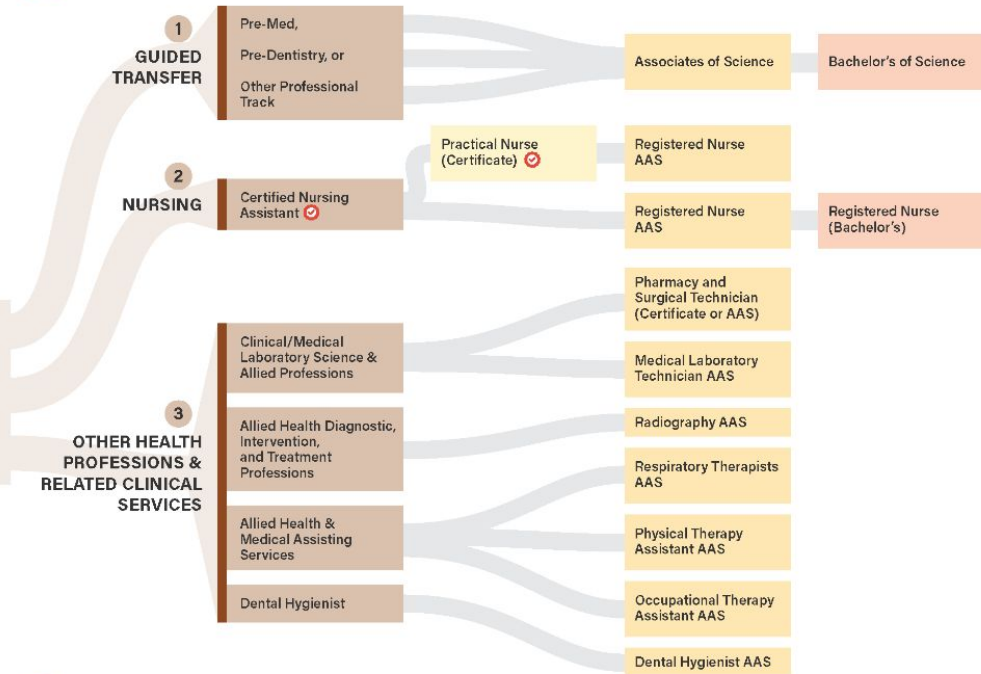
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CAREER FOCUSED COURSES	ORIENTATION / INTRODUCTION	SKILL DEVELOPMENT	CAPSTONE / ADVANCED	POSTSECONDARY COURSES
Orientation to Health Occupations or Health Occupations Introductory Skills Development	Medical Terminology & Intro to Anatomy and Physiology	Certified Nursing Asst. Program or Pharmacy Technician Program or Other Sequence Leading to Industry Credential	Continue AS or AAS Course Sequence	
<b>WORK-BASED LEARNING</b>	Career Exploration (2) or Team-Based Challenge, e.g. HOSA, SkillsUSA, and others	Team-Based Challenge, e.g. HOSA, SkillsUSA, and others or Career Development Experience or Youth Apprenticeship	Team-Based Challenge, e.g. HOSA, SkillsUSA, and others or Career Development Experience or Apprenticeship	
<b>SCIENCE</b>	Science Sequence	Biology	Chemistry	Biology for Science Majors or General Chemistry or Anatomy & Physiology I / II or Microbiology
<b>SOCIAL SCIENCE</b>	Social Science Sequence	Social Science Sequence	Psychology	Psychology or Sociology
<b>MATH</b>	Algebra or Geometry	Geometry or Algebra 2 or Pre-Calculus	Transitional Math: Quantitative Literacy Statistics or Pre-Calculus or Calculus	General Education Math
<b>ENGLISH</b>	English Sequence	English Sequence	Transitional English or English Composition	English Composition or Oral Communication

>> AP or Dual Credit  
 📄 Dual Credit Course  
 📄 Dual Credit Course Affiliated With IAI Code  
 🏆 Course or Program Prepares for Industry Credential  
 📄 Postsecondary Course Affiliated with IAI Code  
 🏆 College and Career Pathway Endorsement Earned  
 ⊕ If courses in this column were accomplished through early college credit, students should take the next required course in the sequence or, if none, additional AAS or Major Courses

## POSTSECONDARY OPTIONS



## SELECTED OCCUPATIONS, WAGES, & JOB GROWTH

Program	Typical Job	Near or Above Living Wage Threshold for 1 Adult + 1 Child <sup>1</sup>	Median Hourly Wage <sup>2</sup>	Growth in Illinois: Annual Job Openings <sup>2</sup>	Growth in Illinois: % Change Over 10 years <sup>2</sup>	Stackable?
1 Pre-Professional Track	Pediatricians, General	Y	\$66.93	30	2%	Typically Requires Bachelor's Degree & Prof. School
	Dentists	Y	\$68.79	190	9%	
2 Nursing / Registered Nurse	Nursing Assistants	N	\$13.72	7,340	5%	Typically Required for LPN or RN
	Licensed Practical and Licensed Vocational Nurses	Y	\$24.24	1,640	2%	Can Stack to RN at Select IL Colleges
	Registered Nurses	Y	\$34.74	8,690	15%	Can Stack to BSN at Select IL Colleges
3 Surgical Technology Medical & Laboratory Tech. Radiography Respiratory Therapy Physical Therapist Assistant Occupational Therapy Assistant	Surgical/Pharmacy Technicians	Y	\$15.44 - \$23.05	220 - 1,600	1 - 5%	Not Typically Stackable
	Medical and Clinical Laboratory Technologists	Y	\$34.44	410	4%	
	Radiologic Technologists	Y	\$30.52	380	2%	
	Respiratory Therapists	Y	\$28.62	350	17%	
3 Physical Therapist Assistant Occupational Therapy Assistant	Physical Therapist Assistants	Y	\$28.60	730	20%	Not Typically Stackable
	Occupational Therapy Assistants	Y	\$29.75	380	21%	
3 Dental Hygiene	Dental Hygienists	Y	\$35.68	580	9%	Not Typically Stackable

1. Living wage calculations are based on MIT's Living Calculator ([livingwage.mit.edu](http://livingwage.mit.edu)), where the "Living Wage" for 1 Adult + 1 Child is \$26.27/hour for the state of Illinois. "Near" defined as 85% of the statewide living wage, which is \$22.33/hour  
2. U.S. Department of Labor, CareerOnestop ([careeronestop.org/explorecareers](http://careeronestop.org/explorecareers))





**ORIENTATION / INTRODUCTION**  
Grades 9-10

Orientation to Health Occupations or Health Occupations Introductory Skills Development

**SKILL DEVELOPMENT**  
Grades 10-12

Medical Terminology & Intro to Anatomy and Physiology

**CAPSTONE / ADVANCED**  
Grades 12

Certified Nursing Asst. Program or Pharmacy Technician Program or Other Sequence Leading to Industry Credential

**POSTSECONDARY COURSES** +  
Recommended 1st Year

Continue AS or AAS Course Sequence

Courses and Work-Based Learning Address the PWR Act Recommended Technical and Essential Employability Competencies



SCIENCE

Science Sequence

Biology »

Chemistry »

Biology for Science Majors

General Chemistry

Anatomy & Physiology I / II

Microbiology



SOCIAL SCIENCE

Social Science Sequence

Social Science Sequence

Psychology »

Psychology

Sociology



MATH

Algebra

Geometry

Geometry

Algebra 2

Pre-Calculus

Transitional Math: Quantitative Literacy Statistics

Pre-Calculus

Calculus »

General Education Math

General Education Math



ENGLISH

English Sequence

English Sequence

Transitional English

English Composition »

English Composition

Oral Communication

» AP or Dual Credit

📄 Dual Credit Course

📄 Dual Credit Course Affiliated With IAI Code

🏆 Course or Program Prepares for Industry Credential

📄 Postsecondary Course Affiliated with IAI Code

🏆 College and Career Pathway Endorsement Earned

+ If courses in this column were accomplished through early college credit, students should take the next required course in the sequence or, if none, additional AAS or Major Courses

# Model Programs of Study Mapping Process





# Wrapping Up

[Postsecondary and Workforce Readiness Act \(and College & Career Pathway Endorsement Framework\)](#)

[Dual Credit Quality Act Model Partnership Agreement](#)  
([Associated Exhibits](#); [FAQ](#))

[ESSA College and Career Readiness Indicator Guidance](#)

[Perkins Model Programs of Study Guides](#)

# Resources

**Thank you!**

