

March 8, 2023

# ACCELERATING EQUITABLE SUCCESS



ILLINOIS EDUCATION AND CAREER  
SUCCESS NETWORK





# Illinois Articulation Agreement and Pathways:

How Major Courses Can Be Targeted for Dual Credit

ACCELERATING EQUITABLE SUCCESS

# Agenda

- Pathway Course Selection: Model Programs of Study Guides
- Background: Illinois Articulation Initiative
- Expanding Education Pathways and a Call for Statewide Transferability of Education Courses
- Q&A



# **Pathway Course Selection: Model Programs of Study Guides**

# Statewide Model Programs of Study

The primary purposes and goals for the Model Programs of Study Guides 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**.
- **Identify priority dual credit and early college 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.
- Identify entry points for work-based learning and related experiences.



# Statewide Model Programs of Study...Pt. 2

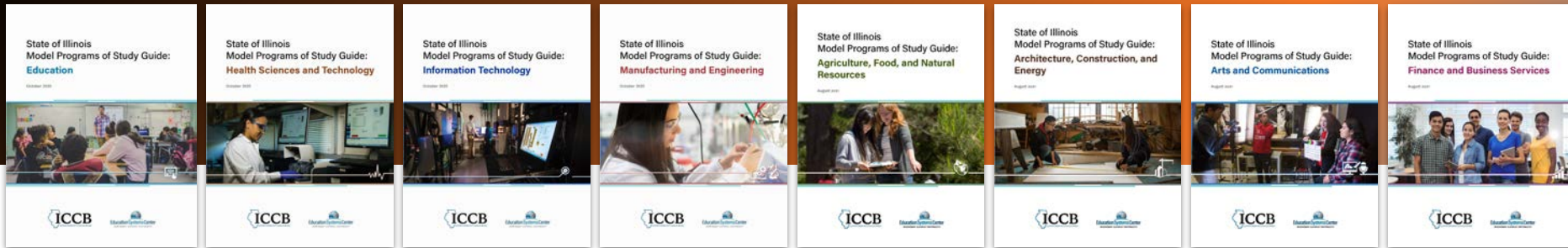
Partnership with State Agency overseeing Community Colleges, advisory committees from HS and College Faculty, with Employer associations as well

Intended audiences:

- High school faculty working in pathways
- Community College faculty and staff (e.g. academic deans & department heads, early college liaisons, etc.)
- Education for Employment System Directors

**Model POS is our attempt at a quality curricular sequence in pathway design**





## 2020 Guides

Education  
 Health Sciences  
 Information Technology  
 Manufacturing and  
 Engineering

## 2021 Guides

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

## 2022 Guides

- Culinary Arts and Hospitality
- Human and Public Service
- Education (Updated)

[edsystemsniu.org/guides](https://edsystemsniu.org/guides)



# Model Programs of Study Mapping Process







# High Priority Occupations & Promising Credentials

- Using Department of Labor data and the MIT Living Wage Calculator for the State of Illinois as a reference, High Priority Occupation defined
  - Occupations with a positive growth outlook and
  - Occupations whose salaries are near or greater than the “Living Wage” of 1 Adult + 1 Child in Illinois.
- A “promising credential” is a degree or college certification that immediately prepares an individual for **entry into a high-priority occupation**, with a focus on credentials available in **typical Illinois Community College**.
  - Credential may also be is a **clear precursor to or stackable credential** for a high-priority occupation





# Strategic Community College Courses

- Analyze “promising credential” program requirements at various Community Colleges in the state
- **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, and
  - Have the potential for **transferability** and currency (through the Illinois Articulation Initiative) or have **industry credentials**





# Secondary to Postsecondary 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
- Consider typical teacher and faculty credentials, as well as course delivery and approval processes
- Suggest initial post secondary courses and sequences that continue to accelerate student
- Recommend sequence in general education subject areas, including early college and AP supplements



# Finance/Business Example

## Survey of Community Colleges with Finance and Business Programs

- Urban – City Colleges of Chicago
- Suburban – Elgin, Harper
- Rural/Downstate – Rock Valley, Illinois Central College

## Common Programs and Degrees Among Multiple Community Colleges Surveyed

- Next slide is a list programs/degrees/certificates that appeared at more than 1 of the Community Colleges analyzed, sometimes under different program names but grouped for simplicity here.
- Career Certificates are excluded if they stacked into an AAS
- Programs that were hyper-specialized and unique to a college were excluded.



# Common CC Programs



# Leading to Occupations/Careers

## Guided Transfer

- Business AA<sup>\*\*^^</sup>
- Accounting AA<sup>\*\*^^</sup>
- Actuary AA<sup>^^</sup>

## Business AAS, with specialities/certs<sup>^^</sup>

- General,<sup>\*\*</sup>
- Insurance,
- HR,<sup>\*\*</sup>
- Entrepreneurship,<sup>\*\*</sup>
- Management,<sup>\*\*</sup>
- Marketing,<sup>\*\*</sup>
- Hospitality<sup>\*\*</sup>

## Supply Chain

- Supply Chain AAS, AA/AS<sup>^^</sup>

## Accounting

- Accounting AAS<sup>\*\*^^</sup>

## Entry Level Bachelor's Degree Positions

- Business Operations Specialist OR Financial Analyst OR Market Research Analysts OR Human Resource Specialist
- Accountants and Auditors
- Actuary

## Small/Local Business

- First-Line Supervisor of Retail Sales Workers OR Office & Administrative Support Workers OR First-Line Supervisor of Non-Retail Sales Workers
- Human Resource Assistant OR Lodging Manager OR Insurance Claim Clerk

## Media Mass Communications

- Supply Chain Manager OR Production, Planning, & Expediting Clerks

## Media Mass Communications

- Payroll & Timekeeping, OR, Bookkeeping, Accounting, & Auditing Clerk, OR Billing and Posting Clerks

<sup>\*\*</sup> [Aligns with ISBE CTE Program of Study Matrix](#)

<sup>^^</sup> Degree Stacks



# Strategic Community College Courses

Finance/Business careers, courses .XLSX ☆ ☰ ☁

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Course	College	Credits	Course Code	Course Title	Common Name	Prerequisites	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 HWC)	Human Resources Basic Certificate	Marketing/Management AAS
3 Business 111	CCC	3	Business 111	Introduction to Business	Intro to Business	None			7	1										
4 Business 181	CCC	4	Business 181	Financial Accounting	Financial Accounting	College Level Math Pla BUS 903			9	1	1	1	1	1	1	1	1	1	1	1
4 Business 182	CCC	4	Business 182	Managerial Accounting	Managerial Accounting	Business 181 BUS 904			9	1	1	1	1	1	1	1	1	1	1	1
3 Business 211	CCC	3	Business 211	Business Law I	Business Law I	None			4		1	1							1	1
3 Business 214	CCC	3	Business 214	The Legal & Social Environ	The Legal & Social Environment of Business				4		1	1							1	1
3 Business 216	CCC	3	Business 216	Entrepreneurship	Entrepreneurship			elective	2										1	1
3 Business 231	CCC	3	Business 231	Principles of Marketing	Intro to Marketing	Business 111			4					1	1		1			1
3 Business 241	CCC	3	Business 241	Introduction to Finance	Intro to Finance	Business 181			3				1			1	1			
3 Business 269	CCC	3	Business 269	Principles of Management	Intro to Management	Business 111			4						1			1	1	1
3 CIS 120	CCC	3	CIS 120	Introduction to Computer /	Computer Applications for E	None		BUS 902	3		1		1							1
3 Econ 201	CCC	3	Econ 201	Principles of Economics I	Principles of Macroeconom	College Level English P S3 901			6		1	1		1	1	1	1	1		
3 Econ 202	CCC	3	Econ 202	Principles of Economics II	Principles of Microeconomy	College Level English P S3 902			5		1			1	1	1	1	1		
3 English 101	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		1
3 English 102	CCC	3	English 102	Composition II	English Composition II	Composition I C1 901R			4		1	1				1	1	1		
4 Mathematics 11	CCC	4	Mathematics 11	General Education Math	General Education Math	College Level Math Pla M1 904			4	1	1									1
4 Mathematics 12	CCC	4	Mathematics 12	Introductory Statistics	General Education Statistics	College Level Math Pla M1 902			2				1	1						
4 Mathematics 14	CCC	4	Mathematics 14	College Algebra	College Algebra	College Level Math Placement			6	1	1	1	1			1	1			
4 Mathematics 20	CCC	4	Mathematics 20	Calculus for Business and S	Calculus for Business and Sr	College Algebra and Tr M1 900-B			5		1	1	1			1	1			
3 Philosophy 107	CCC	3	Philosophy 107	Ethics	Ethics	College-level English p H4 904		Satisfies Hum rec.	4		1	1				1	1	1		
3 Speech 101	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 CCC Course Listings ECC Course Listings Explore





Background :

# Illinois Articulation Initiative

[iTransfer.org](https://www.itransfer.org)



## IAI PLAYS A ROLE IN SEVERAL STATEWIDE MANDATES & INITIATIVES!

Here are just a few examples...

- Dual Credit Courses
- Transitional Math and ELA high school courses
- College credit for Advanced Placement (AP) exams
- Placement practices using multiple measures
- Corequisite Remediation
- Reverse Transfer
- MyCredits Transfer
- The IL Completion Agenda: 60 x 25
- Multiple laws & acts (too many to list here)





# THE ILLINOIS ARTICULATION INITIATIVE

\*State Policy \* iTransfer Website \* iManage Course Submission & Review System \* GECC Package\*

## IAI PURPOSE:

Ease the transfer of students among Illinois public and independent, associate and baccalaureate degree-granting institutions

### What is the IAI?

- Initiative was **jointly launched** in the '90s for IL colleges and universities by the:
  - Illinois Board of Higher Education
  - Illinois Community College Board
  - Illinois Transfer Coordinators
- **Faculty-Driven Process:**
  - 21 public & private faculty slots per panel
  - CAOs, Provosts, & TCs serve on panels too
  - Over 280 GECC & Major descriptors
  - Almost 8,500 courses currently approved

### How does it work for students?



SEAMLESS TRANSFER  
AMONG 100+ IL  
INSTITUTIONS



TRANSFERABLE GECC  
PACKAGE



INCLUDES COURSE  
RECOMMENDATIONS  
FOR TRANSFERRING  
INTO 18 MAJORS



STATEWIDE QUALITY  
ASSURANCE; ONE OF  
THE MOST  
COMPREHENSIVE  
PROCESSES IN THE  
NATION



DESIGNED TO SERVE  
STUDENTS THAT ARE  
UNDECIDED AND/OR  
SELF-ADVISING



ASSISTS STUDENTS  
WHO KNOW THEY  
WANT TO TRANSFER,  
BUT ARE UNDECIDED  
ABOUT DESTINATION

# KEY CONCEPTS GUIDING IAI...

*\*Note: All 60 public institutions are mandated by law to participate in IAI\**

01

2-year and 4-year institutions are **equal partners** in educating freshmen and sophomores in Illinois

02

**Faculty** members should take primary responsibility for developing and maintaining program and course articulation

03

Institutions must work together to assure that lower-division courses at both 2-year and 4-year institutions are comparable in **scope, quality, and academic rigor**

# THE ILLINOIS ARTICULATION INITIATIVE ACT:

PA 099-0636 *EFFECTIVE 1/1/17*



**All IL public community colleges and universities shall participate in IAI** through the submission and review of their courses for statewide transfer



All public institutions shall **maintain a complete IAI GECC package**



All courses approved for IAI GECC codes must be accepted for transfer as part of the GECC package



**Students completing the full GECC package must not be required to take additional lower-division general education courses** and must be able to transfer seamlessly.



*The IAI Act codifies what was already being practiced.*





# 107 INSTITUTIONS PARTICIPATING IN IAI

**Full Participants** (74) maintain a complete IAI GECC package of courses and agree to accept a completed GECC package from any other participating institutions as meeting all lower-division general education requirements.

- 48 Community Colleges
- 12 Public Universities
- 14 Private Colleges & Universities

**Receiving-Only Participants** (33) agree to accept a completed GECC package from any other participating institution as meeting all lower-division general education requirements of the institution.

- All 33 are Private Colleges & Universities



*Collaboration and  
faculty buy-in  
are IAI's  
keys to success!*



# THE IAI GECC PACKAGE

<http://itransfer.org/courses/gecc/geccpackage.php>



**The General Education Core Curriculum Package (aka “the GECC package” or “the package”) serves as the foundation of IAI:**

**37-41 Credit hours of courses in Communications, Humanities & Fine Arts, Life & Physical Sciences, Mathematics, and Social & Behavioral Sciences**

Students can complete the IAI GECC package to satisfy general education requirements at any of the 100+ participating public and private institutions regardless of the program or institution later decided upon by the student.

**The GECC transfers in as a package and replaces the receiving institution’s general education requirements; it does not guarantee the articulation of individual courses.**



**As of January 2019, IL Community Colleges are now granting the GECC Credential.**



# THE IAI GENERAL EDUCATION CORE CURRICULUM (GECC) PACKAGE\*

<b>Communications</b> (9 cr.hrs.)	Composition 1 & 2, Speech
<b>Humanities &amp; Fine Arts</b> (9 cr.hrs.)	3 courses from at least 2 disciplines
<b>Life &amp; Physical Sciences</b> (7 – 8 cr.hrs.)	1 Life Science, 1 Physical Science & at least one of the courses must have a lab
<b>Mathematics</b> (3 – 6 cr.hrs.)	1 – 2 courses
<b>Social &amp; Behavioral Sciences</b> (9 cr.hrs.)	3 courses from at least 2 disciplines

*\*Total of 37-41 Credit Hours for a Complete GECC Package*

# THE IAI MAJORS

Agriculture	Art	Biology	Business	Chemistry	Computer Science
Criminal Justice	Early Childhood Education	Engineering	English	History	Mathematics
Media & Communication Arts	Physics	Political Science	Psychology	Sociology	Theater Arts

## Example:

### Business IAI Major Recommendations

- Business Core Course (12-16 semester credits)
  - [BUS 901 - Business Statistics](#) (3-4 semester credits)
  - [BUS 902 - Computer Applications and Business Systems Concepts](#) (3-4 semester credits)
  - [BUS 903 - Financial Accounting](#) (3-4 semester credits)
  - [BUS 904 - Managerial Accounting](#) (3-4 semester credits)

# IAI COURSE DESCRIPTOR EXAMPLE

## BUS 901: Business Statistics (3-4 Semester Credits)

At the conclusion of this course, students will be able to:

- Determine appropriate mathematical techniques and statistical tests required to evaluate data in order to answer questions related to business situations.
- Identify and use statistical tools and quantitative reasoning to extract information from data, interpret the findings and demonstrate the ability to make and communicate informed business decisions.
- Determine and execute appropriate statistical tests using historical business data to evaluate current climate and infer population parameters.

Statistical Tools studied should include but are not limited to:

- Descriptive measures of populations and samples, central tendency and variability, probability theory, interval estimation, hypothesis tests of means and proportions, simple linear regression, chi square tests, and one-way analysis of variance

**Special Note from the panel:** The panel recommends that students take College Algebra before enrolling in BUS 901. In addition, the panel also strongly recommends that students take IAI MATH M1 906: Finite Mathematics or IAI MATH M1 900-1 College-level Calculus or IAI MAT M1-900B Business Calculus before they transfer, especially if they intend to transfer as a Business Major (or related field) at a 4 year institution.

**IMPORTANT COURSE CONTENT NOTE:** Courses seeking approval under this identifier cannot be a general statistics course; the course must clearly have a focus on business applications, and they must be integrated throughout the entire course. Representative syllabi should make this clear in both the course description, outcomes, and weekly topical outline. See the panel's

**Course Approval  
Criteria Document**  
Example: IAI Business  
Major Panel

*In addition to ensuring alignment to the panel's course descriptor, institutions must also ensure all required information indicated in the panel's Course Approval Criteria document is submitted for panel review.*



# INSTITUTIONAL COURSE SUBMISSIONS

&

# IAI PANEL REVIEW

## The IAI Process in a nutshell:

- 1) Vetted courses are submitted by the Institutional Submitter through the iManage system to the appropriate IAI GECC and Major panel(s) every spring and fall
- 2) Panel members review and vote in the iManage system on all New & Ongoing Review submitted courses using the panel's descriptors and course approval criteria to make decisions regarding approval for an IAI code



# IAI Descriptors & Approved Institutional Courses

[Course Searches | iTransfer](#)

## Custom Course Searches

**[GECC Course Searches](#)** - This search allows you to view course searches for the GECC courses by an institution, identifier, and other options.

**[IAI Major Course Searches](#)** - This search allows you to view course searches for the IAI Major courses by an institution, identifier, and other options.

**[GECC and Major Combination Searches](#)** - *NEW!* This search allows you to view course searches for the GECC and Major combination courses by an institution, identifier, and other options.

The screenshot shows the 'IAI Course Search' interface. It includes a 'Refresh Data' button, a search description, and various filters: 'Institution type' (All Institutions), 'Course type' (Both Major & GenEd), 'Institution' (All Institutions), 'Courses' (All GenEd Courses, All Major Courses), and 'Sort IAI Code or by Institutional Course Title' (Do Not Sort Order By IAI Code or Institutional Course Title, Order By IAI Code and Institutional Code).

## IAI Course Information

**[GECC Package](#)** Described - this includes links to the descriptions of the identifiers for each IAI GECC section and panel. There are also details on outcomes and logic for each section.

Full **[IAI Program Details](#)** - information outlining the general education package and majors.

- How to read the **[IAI course codes and numbering system](#)**
- View a **[full list](#)** of active general education courses with titles. Additional information provided by individual links to each descriptor and courses approved for the descriptor can be found on this page.
- View a **[full list](#)** of active major courses with titles. Additional information provided by individual links to each descriptor and courses approved for the descriptor can be found on this page.

[IAI Course Information | iTransfer](#)

# Who can teach Dual Credit courses?

Approved DC Institutions Map [Higher Education Regions and ICCB Districts for Dual Credit 2.10.2023.pdf \(ibhe.org\)](#)

## FACULTY

The instructors for these courses are selected, assigned and evaluated by the college or university. The instructors are selected from individuals with appropriate credentials and demonstrated teaching competencies at the college level.

- For transfer courses, these qualifications include a minimum of a Master's degree with 18 graduate hours appropriate to the academic field or discipline in which they are teaching.
- For Career and Technical Education (CTE) courses, these qualifications include 2,000 hours of work experience and the appropriate recognizable credential depending on the specific field.

The institution provides high school instructors with an orientation in course curriculum, assessment methods, and administrative requirements before high school instructors are permitted to teach dual credit courses.

# Questions?

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Director of the Illinois Articulation Initiative

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# **Expanding Education Pathways and a Call for Statewide Transferability of Education Courses**

# EdSystems has been heavily involved in the statewide expansion of high-quality education pathways

[Scaling Education Pathways in Illinois](#)



[Model Programs of Study Guide for Education](#)

Transferability between CC and University coursework is too dependent on regional partnerships.

This creates confusion and inconsistency for HS and CC course priorities.



# EdSystems and more than 160 partners from across the state request a change!

- Letter Delivered to IBHE and ICCB requesting increased transferability of Education major coursework through IAI



*Learn more in the video from SEPI participants from Vandalia CUSD 203, Kaskaskia Community College, and McKendree University, as they detail their success at creating a high-quality education pathway for students in the region, their challenges in implementing targeted dual credit coursework, and burgeoning opportunities to help advance their work.*



# New Legislation Proposed: HB3820

Mandated Transfer of Illinois Articulation Initiative (IAI) Major Courses: HB 3820 (Rep. Terra Costa Howard); SB 2288 (Senator Christina Castro):

- Expands upon the IAI Act by requiring public colleges and universities to accept all major courses approved for transfer through IAI as equivalent major courses, insofar as a specific major is offered at the receiving institution.
- Establishes an IAI Panel for Education Majors to expand the number of education major courses that are transferable from community colleges to public universities.

