



# Systemwide General Education and Math Pathways

Technical Education Authority  
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Kansas Board of Regents  
Building a Future for Kansas Families, Businesses and the Economy

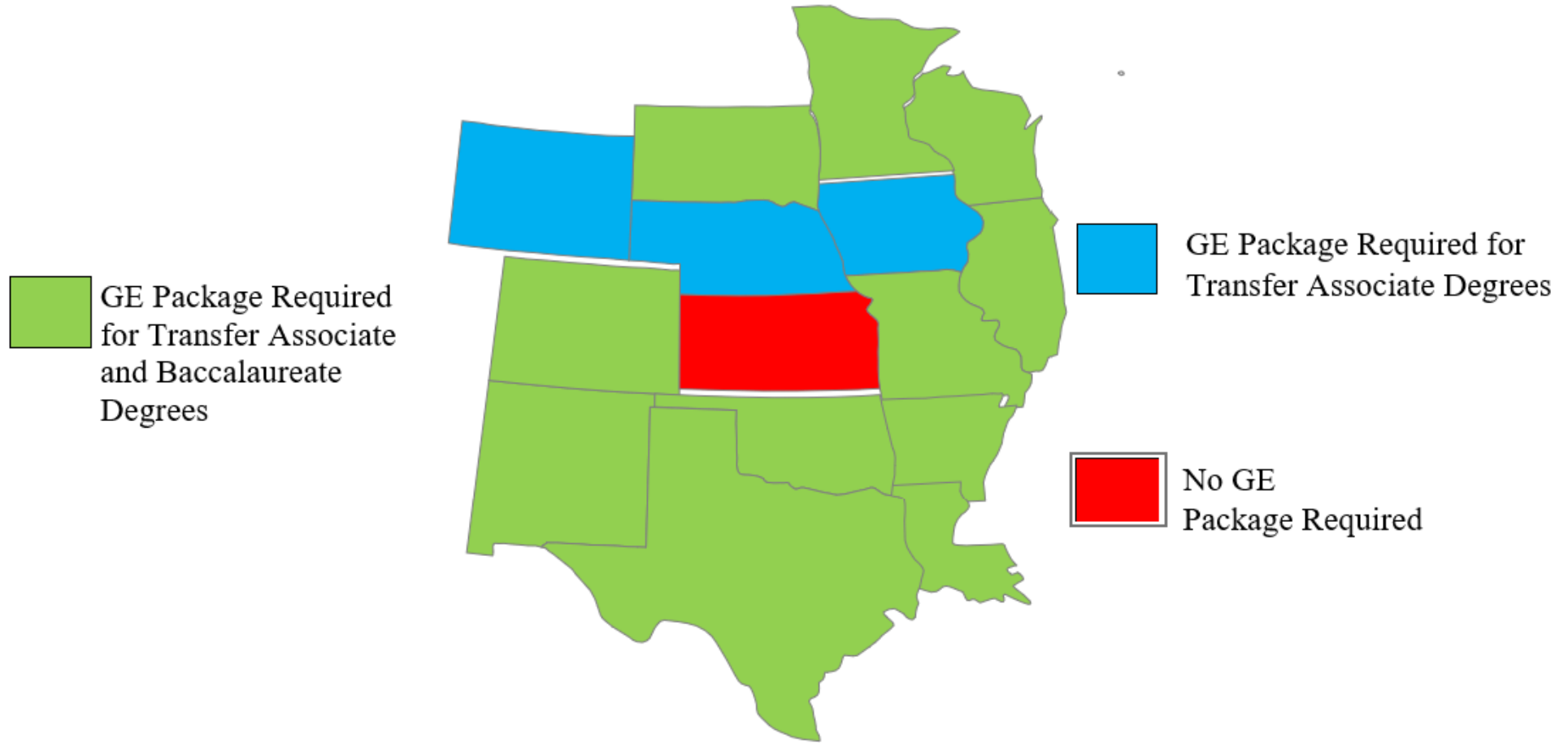


# Board's Strategic Plan: *Building a Future*

- ★ Grounds the work of our system in serving Kansas families and businesses and advancing economic prosperity
- ★ Encourages promising practices to drive progress make the plan unique nationally
- ★ Annual Board goals tie to the strategic plan
- ★ Both the Systemwide General Education Package and the Math Pathways Initiative tie into the Board goals and the strategic plan



# Systemwide General Education Package





# Systemwide General Education Package

- **General Education Working Group** established Fall semester of 2020, working through AY 2022
  - 19 faculty and administrators
- **General Education Implementation Committee** established Fall semester of 2021, working through AY 2022
  - Nine registrars and transfer advisors



# Systemwide General Education Package

- In June 2022, the KBOR approved the new systemwide General Education Package of 34-35 credit hours (in policy)
  - Policy establishes the Systemwide General Education Council
- **Effective fall 2024** for all associate of arts, associate of fine arts, associate of science, and all baccalaureate degrees



# Systemwide General Education Package

- High Schools can now focus on offering courses through dual enrollment that will meet the General Education requirements at all universities and community colleges
- More information can be found at the websites below

- [https://www.kansasregents.org/academic\\_affairs/general-education](https://www.kansasregents.org/academic_affairs/general-education)



- [https://www.kansasregents.org/about/policies-by-laws-missions/board\\_policy\\_manual\\_2](https://www.kansasregents.org/about/policies-by-laws-missions/board_policy_manual_2)





# Systemwide General Education Framework







## IN THIS SECTION:

Academic Portfolio Reviews

Adult Education

Credit for Prior Learning

**Dual Credit Cooperative Agreements**

Developmental Education

Employer Recognition

English Initiatives

Faculty of the Year

Kansas EPSCoR/IDeA

Math Pathways

Michael Tilford Conference

New Program Approval

Open Educational Resources

Performance Agreements

Program Search

Private/Out-of-State

Qualified Admissions

Reverse Transfer

SARA

**Systemwide General Education**

Exceptions

[Home](#) / [Academic Affairs](#) / Systemwide General Education

# SYSTEMWIDE GENERAL EDUCATION

## General Education Council

- Kara Wheeler - Allen Community College
- Aron Potter - Coffeyville Community College
- Gaile Stephens - Emporia State University
- Brad Will - Fort Hays State University
- Troy McCloughan - Fort Scott Community College
- Cathy Almai-Mahurin - Johnson County Community College
- Brianne Heidbreder - Kansas State University
- Melinda Roelfs - Pittsburg State University
- Jennifer Roberts - University of Kansas
- Beth O'Neill - Washburn University
- Linnea GlenMaye - Wichita State University

## 1. HOW DID THE SYSTEMWIDE GENERAL EDUCATION START?

At the end of FY 2020, the Board expressed a strong desire to develop a more robust system-based approach to facilitate student transfer. Building on this vision, in FY 2021 and 2022, the Board established a goal to develop a systemwide general education (GE) package under a common framework. When framing this goal, the Board instructed Board staff to develop a system-based GE package that would maximize the application of credit throughout the system, simplify processes for transfer students, and remove barriers for transfer students.

At the outset of this work in September 2020, 14 out of 15 states in the central United States had some variation of a systemwide GE, with Kansas being the outlier without a systemwide GE. From September 2020 to May 2022, a GE working group consisting of 19 faculty and administrators from community colleges, universities, and one technical college, a nine-member GE implementation working group consisting of registrars and transfer academic advisors, and detailed feedback from institutions helped shape the GE framework and its related policies.

The policy revisions and additions pertaining to GE and the application of transfer GE credit were approved by the Board on June 15, 2022.

## 2. WHAT POLICY ADDITIONS AND REVISIONS WERE APPROVED BY THE BOARD?

First, a new policy, the Systemwide General Education Program policy ([Chapter III.A.18](#)), creates a systemwide GE for the state universities, community colleges, and Washburn University. Most notably, this details the common system framework (disciplines, core



# Math Pathways



### Background

1. College Algebra was created to prepare students for Calculus.



### Who Needs It

1. Today's Reality:  
Only 20% of  
Majors require  
calculus



### Enrollment

1. College Algebra is consistently among the top five highest-enrolled courses in the system.



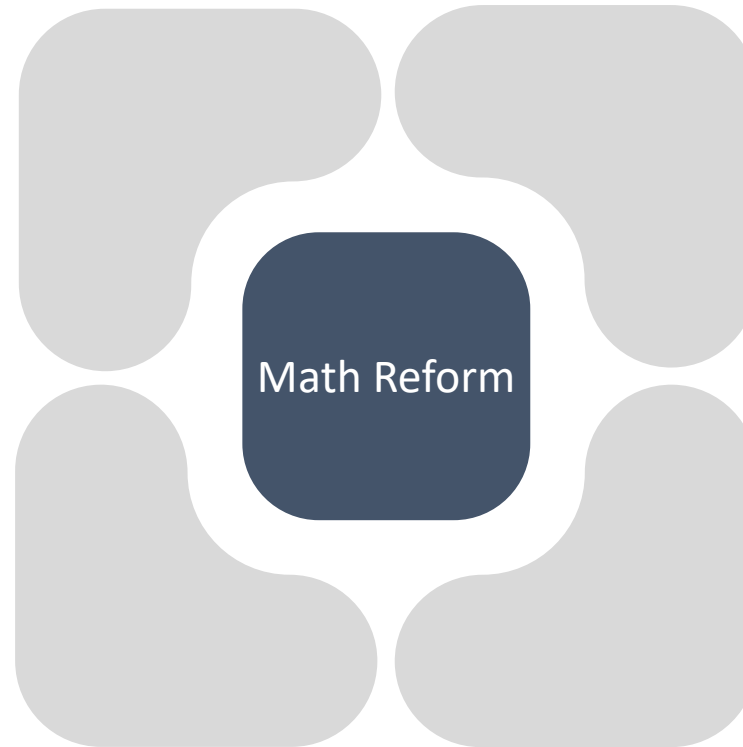
# Math Reform

## Math Reform Wave

Math reform has been one of the most significant common undergraduate level changes in higher education

## Future Council Higher Ed

#1 and #2 recommendations were corequisite and math pathways.



## KBOR Strategic Plan: Building a Future

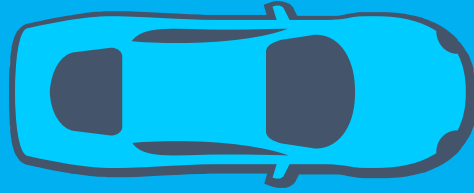
Implement proven practices that remove barriers and advance access, affordability, success, & completion.

## Council of Presidents

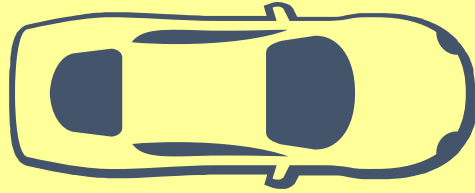
Expressed strong interest in math reform.



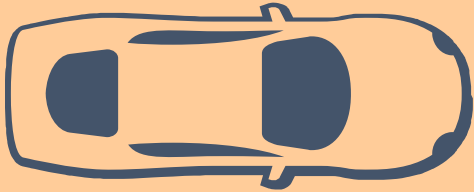
**Elementary  
Statistics**



**Contemporary  
Math**



**College  
Algebra**



**Majors Requiring  
Calculus**

20% of All Majors



# Gateway Math Courses By Program

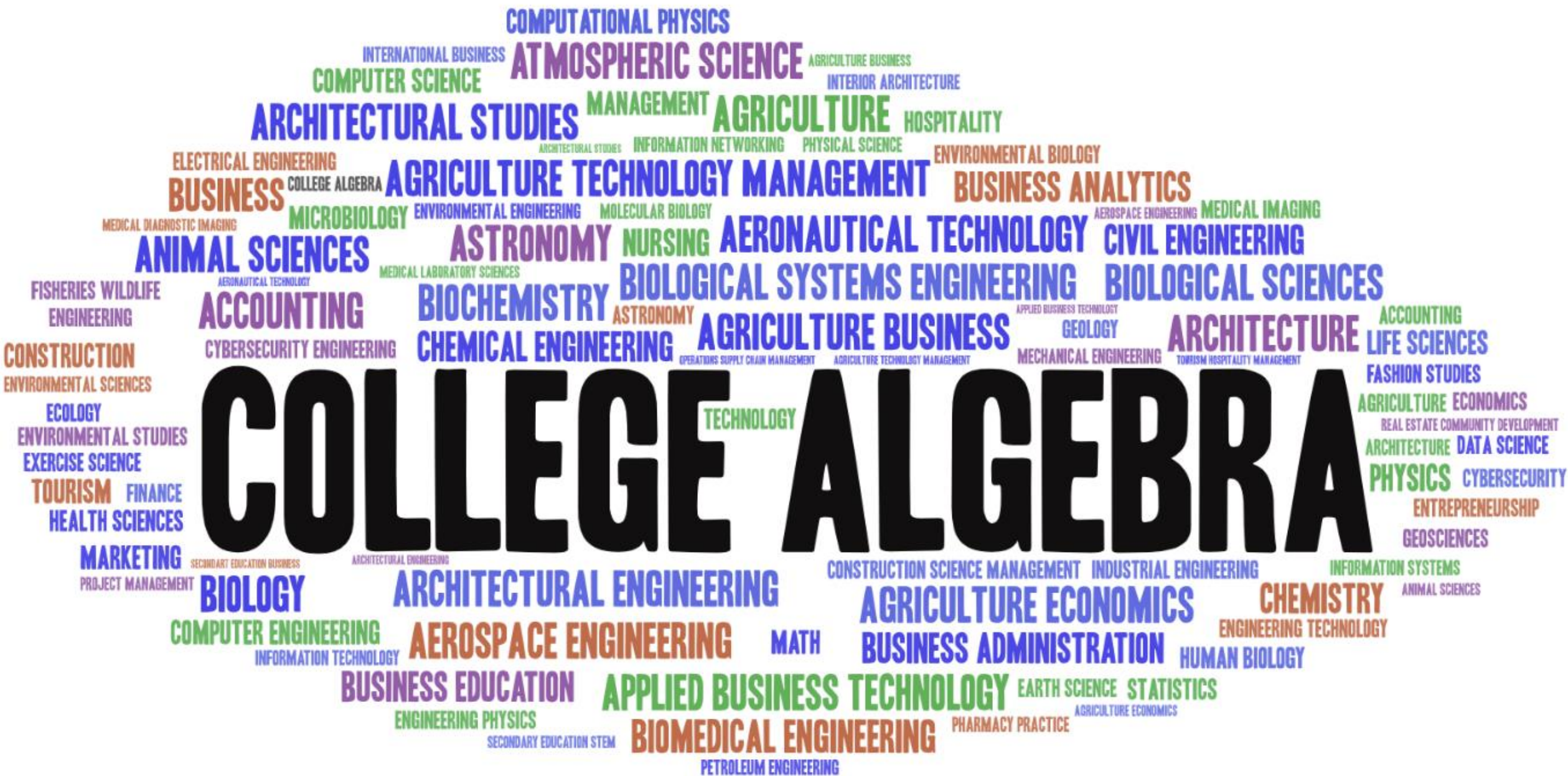
Discipline  
Meetings

CAO  
Confirmation

Program  
Inventory  
Comparison

Systemwide  
General  
Education  
Council  
(SWGEC)  
Approval

BAASC  
Notification











# Gateway Math Courses By Program

IN THE HISTORY OF KANSAS: 1925

- Academic Portfolio Reviews
- Adult Education
- Credit for Prior Learning
- Dual Credit Cooperative Agreements
- Developmental Education
- Employer Recognition
- English Initiatives
- Faculty of the Year
- Kansas EPSCoR/IDeA
- Math Pathways**
  - Gateway Math Course Decisions**
  - Math Pathways Professional Development & Implementation
  - Math Pathways FAQs
  - Multiple Measures Placement Decisions
- Michael Tilford Conference
- New Program Approval
- Open Educational Resources
- Performance Agreements
- Program Search
- Private/Out-of-State

[Home](#) / [Academic Affairs](#) / [Math Pathways](#) / Gateway Math Course Decisions

## GATEWAY MATH COURSE DECISIONS

### What are Gateway Math Courses?

Gateway math courses form a conceptual framework designed to offer diverse and equitable pathways in mathematics education for students. Unlike the traditional one-size-fits-all approach, gateway math courses recognize that students have varied goals, interests, and strengths. This framework aims to provide a range of learning experiences aligned with students' future aspirations, whether academic, vocational, or technical. By catering to different learning styles and career objectives, this approach not only enhances student engagement but also increases the likelihood of success in both academic and real-world settings.

To that end, public post-secondary institutions in Kansas will offer up to three gateway math courses, giving programs greater flexibility in selecting a math course that aligns with the needs of students. (Institutions are only required to offer the gateway math courses that apply to programs on their campuses.)

These three courses are:

- Elementary Statistics
- Contemporary Math
- College Algebra

### How were the decisions made?

The following files contain the gateway math courses by program for each institution. These decisions were made by faculty members from various disciplines who gathered from across the state to discuss the different gateway math courses, review the learning outcomes for each, and select the course that best fits the needs of their students. Chief Academic Officers (CAOs) have confirmed these decisions.

### [Gateway Math Courses by Program](#) (All Programs/All Institutions)

#### Gateway Math Courses by Gateway Math Course

- [College Algebra](#)
- [Contemporary Math](#)
- [Elementary Statistics](#)

#### Gateway Math Courses by Institution

- [Emporia State University](#)
- [Fort Hays State University](#)
- [Kansas State University](#)
- [University of Kansas](#)
- [Pittsburg State University](#)
- [Wichita State University](#)
- [Washburn University](#)



# Project Timeline

Year of Activity	Project Steps
AY 25 • Fall 24-Spring 25	Course Development and Preparation <ul style="list-style-type: none"><li>• KBOR-Sponsored Professional Development</li><li>• Institutions design corequisite support sections for both Math &amp; English</li><li>• Institutions design gateway math courses (as needed)</li></ul>
AY 26 • Fall 25-Spring 26	Soft Launch <ul style="list-style-type: none"><li>• Systemwide Course Placement Measures (e.g., Multiple Measures)</li><li>• Offer at least one section of each gateway math course that applies to degrees on its campus for Fall 2025 and Spring 2026</li><li>• Offer at least one section of corequisite math support developmental education for each gateway math course that applies to degrees on its campus for Fall 2025 and Spring 2026; offer at least one section of corequisite support for English Comp I.</li></ul>
AY 27 • Fall 26-Spring 27	Full-Scale <ul style="list-style-type: none"><li>• Systemwide Course Placement Measures (e.g., Multiple Measures)</li><li>• Gateway Math Courses</li><li>• Corequisite Math and English Support Developmental Education</li></ul>



# Questions?

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