

K-State Math Pathways

Corequisite Model

General Philosophy



Pathways as an opportunity to improve student success while maintaining academic standards



Strengthen access to student support services



Utilize data to diagnose and improve course structure

K-State College Algebra



College Algebra:

2 credit hours of lecture taught by a professor
1 credit hour of recitation taught by a GTA



College Algebra with corequisite support:

2 credit hours of lecture taught by a professor
1 credit hour of recitation taught by a GTA
1 credit hour of corequisite support in the Quantitative Learning Center

Distinguishing course components

- Lecture:
 - Covers course content
- Recitation:
 - Reviews lecture
 - Guide students through sample problems
 - Prepares students for upcoming exams
- Corequisite:
 - Fills gaps in background through intentional curriculum
 - Gives students time to individually work through material
 - Closely monitors student progress in case of the need for further support

K-State corequisite curriculum and support

- The structure is a combination of supplemental course and mandatory tutoring
- Supplemental material is **not** additional homework – rather it is deconstructed homework focused on the steps to complete a typical homework problem.
- The corequisite course will be cross-listed with the recitation section.
- Students showing early signs of need will be put in touch with the appropriate university resources.

A typical day in your corequisite course

01

Arrive at the Quantitative Learning Center (QLC) and check in at the appointed time

02

Attend a brief (15 minutes) small group session to discuss the homework goals of the day

03

Break out to work individually on the weekly module (20 minutes)

04

Use the tutors in the QLC to work on the week's homework or lessons (15 minutes or more ... no one will ask you to leave until closing!)