



Mathematics Curriculum Innovation in High School and College:

Fostering Deep Learning and Successful Transition from High School through Post-Secondary Options

The Iowa Higher Education Mathematics Transitions Advisory Council is delighted to offer this summer conference for mathematics teachers from all institutions as well as school administrators, counselors, curriculum directors and instructional coaches. This event will highlight mathematics curricular innovations across multiple institutions at the secondary and post-secondary levels.

Envisioning the future while meeting current requirements: We can do both!

The theme for the conference is system and classroom innovations in areas of policy, curriculum, and instruction that provide opportunities for all students to achieve mathematics expectations, requirements, and career goals. Sessions will include:

- Redesigning the mathematics curriculum to incorporate new standards, address current issues, and implement best practices.
- Implementing innovative policies and practices for successful transitions from high school mathematics to college and the work force
- Assessing for content mastery and distinctions between levels and institutions
- Teaching and learning college mathematics with AI, data science, and more!

We'll have presentations and panel discussions focused on these timely issues that confront mathematics teachers in their classrooms.

Agenda:

8:00AM	Welcome and Breakfast
9:00AM	IHEMTAC Overview
9:30AM	Session 1
10:45AM	Break
11:15AM	Session 2
12:30PM	Lunch
1:30PM	Session 3
2:45PM	Break
3:00PM	Session 4
4:15PM	Closing remarks