



Designing Mathematics Pathways Workshop
December 7-8, 2017
Westborough Massachusetts

Purpose: The DMP workshop supports institutional teams to begin or deepen work to develop and implement math pathways at scale. This workshop is designed for institutional teams of mathematics faculty and at least one administrator within a state or region; it is highly interactive with sessions for team planning. Teams will leave with specific action steps to launch new efforts or further current work.

Agenda

Day 1

9:00 a.m. Registration

9:30 a.m. Welcome

Carlos E. Santiago, Commissioner

9:45 a.m. Introduction to Mathematics Pathways

10:15 a.m. Update on Work in Massachusetts

Linda Dart-Kathios, Middlesex Community College

Maura Murray, Salem State University

10:50 a.m. Break

11:00 a.m. Implementation Process

11:45 a.m. Two-Month Timeline and Team Check-in

12:15 p.m. Lunch

12:45 p.m. Goals for Scale

1:45 p.m. Mid-Term Planning

2:45 p.m. Break

3:00 p.m. Communications and Engagement

4:15 p.m. Wrap-Up

Day 2

9:00 a.m. **Barriers to Student Success**

9:45 a.m. **The Student Experience**

10:15 a.m. **Backmapping**

11:00 a.m. **Break**

11:10 a.m. **Sample Lesson**

11:45 a.m. **Lunch**

12:30 p.m. **Scaling the Co-requisite Model: Massachusetts Exemplars**

Mary Ann Barbato, Fitchburg State University

Sunny Kang, Bunker Hill Community College

Habib Maagoul, Northern Essex Community College

Karin Vorwerk, Westfield State University

1:30 p.m. **Co-requisite Models**

2:30 p.m. **Team Time Debriefing, Update Two-Month Institutional Timeline, Evaluation**

Outcomes

Participants will...

- Identify key issues and activities in the process of implementing mathematics pathways.
- Draft goals for scaling mathematics pathways.
- Draft a short-term timeline with specific action steps to launch or strengthen implementation efforts.
- Map major activities to achieve a mid-term implementation goal.
- Practice backwards mapping to define content.

Post-Workshop Activity

Approximately 1-3 months after workshop: Follow-up phone calls with institutional lead. Topics to be discussed include progress on action plan, lingering questions, resources, and next steps.