

***Core-Plus Mathematics***  
**2nd Edition, Course 2, MI**

**Preliminary Agenda**

**Monday, July 27**

- 8:00 a.m. Coffee and Rolls (Schneider Hall, Student Lounge)
- 8:30 a.m. Welcome, Goals of the Workshop, and Introductions  
Overview of the Four-Year Curriculum
- 9:30 a.m. Overview of Algebra and Functions Strand  
Modeling the Instruction of Unit 1, *Functions, Equations, and Systems*
- 12:00 p.m. Lunch - Bernhard Center Room 157-159
- 1:00 p.m. *Functions, Equations, and Systems* continued
- 2:00 p.m. Instruction:
  - Goals
  - Pacing Issues
  - Questioning
- 3:00 p.m. Planning lessons
  - Using the Teacher's Guide
  - Teacher's Works CD
  - Assessment CD
- 4:30 p.m. Dismissal

**Tuesday, July 28**

- 8:00 a.m. Overview of the Discrete Strand  
Modeling the Instruction of Unit 2, *Matrix Methods*
- 11:00 a.m. Assessment –
  - Embedded assessment in the *Core-Plus Mathematics* curriculum
  - Homework – Developing connected understanding and automating skills
  - Student work and rubrics
  - Student toolkits and paperwork management
- 12:00 p.m. Lunch - Bernhard Center Room 157-159
- 1:00 p.m. Overview of the Geometry and Trigonometry Strand  
Modeling the Instruction of Unit 3, *Coordinate Methods*  
Using *CPMP-Tools* Geometry Software
- 4:30 p.m. Dismissal

**Wednesday, July 29**

- 8:00 a.m. Overview of Statistics and Probability Strand  
Modeling the Instruction of Unit 4, *Regression and Correlation*  
Using *CPMP-Tools* Statistics Software
- 12:00 p.m. Lunch - Bernhard Center Room 157-159
- 1:00 p.m. Lesson Planning Based on Unit 5, *Nonlinear Functions and Equations*
- 4:30 p.m. Dismissal

**Thursday, July 30**

- 8:00 a.m. Unit 6, *Network Optimization*  
Using *CPMP-Tools* Discrete Math Software
- 10:15 a.m. Unit 7, *Trigonometric Methods*
- 12:00 p.m. Lunch - Bernhard Center Room 157-159
- 1:00 p.m. *Trigonometric Methods* continued
- 3:30 p.m. Choice of:  
(1) Building community support  
(2) Mathematics program goals and evaluation plans  
(3) Helping each other improve student learning
- 4:30 p.m. Dismissal

**Friday, July 31**

- 8:00 a.m. Unit 8, *Probability Distributions*
- 10:15 a.m. *Probability Distributions* continued
- 11:00 a.m. Remaining Questions  
Workshop Evaluation
- 12:00 p.m. Dismissal  
Lunch - Bernhard Center