

I-STEM Middle Level Mathematics Initiative

Summer 2008 – Tuition Free Course Offerings for Teachers of Middle Level Mathematics

“Algebra and Functions”
 “Data Analysis and Probability”
 “Geometry and Measurement”
 “Number and Operations”

The I-STEM Resource Network is a statewide effort to improve K-12 student achievement in STEM disciplines through collaboration among Indiana’s institutions of higher education, K-12 schools, business, and government. The I-STEM Resource Network is recruiting teachers of middle level mathematics to participate in courses during the summer of 2008. Tuition is provided by the I-STEM Resource Network.

- The summer courses will be offered at seven colleges and universities across Indiana. Contact your regional institution representative for course, times, and details (see below).
- Teachers will earn 3 credit hours for successful completion of the course.
- Teachers may attend the course at one institution and get credit from another institution (e.g., a teacher can attend the class at IUPUI but enroll in and get credit for the class at Ball State University).

Each course will address:

- Mathematical content knowledge, focused on conceptual understanding and applications.
- Instructional strategies aimed at helping students understand mathematics in the middle grades.
- Indiana Academic Standards and NCTM Standards for Mathematics.
- Meaningful and engaging mathematics instruction for all students.

If you would like to learn more about participating in one or more course visit the I-STEM Resource Network website (www.istemnetwork.org) or contact a representative from a participating institution:

Algebra and Functions		
Institution	Contact	Email
IU - Bloomington	Cathy Brown	cathbrow@indiana.edu
IPFW	Betsy Berry	berrys@ipfw.edu
IUPUI	Signe Kastberg Jeff Watt	skastber@iupui.edu jwatt@math.iupui.edu

Data Analysis and Probability		
Institution	Contact	Email
IU - Bloomington	Cathy Brown	cathbrow@indiana.edu
IUPUI	Signe Kastberg Jeff Watt	skastber@iupui.edu jwatt@math.iupui.edu
Purdue University -West Lafayette	Andy Tyminski	atyminsk@purdue.edu
University of Southern Indiana	Kathy Rodgers Doris Mohr	kr Rodgers@usi.edu djmohr@usi.edu

Geometry and Measurement		
Institution	Contact	Email
IUPUI	Signe Kastberg Jeff Watt	skastber@iupui.edu jwatt@math.iupui.edu

Number and Operations		
Institution	Contact	Email
Ball State University	Fred Jenkins Sheryl Stump	ofjenkins@bsu.edu sstump@bsu.edu
Purdue - Calumet (Merrillville)	Diana Underwood	diana@calumet.purdue.edu