

## **DENISE D. MANNING**

Mathematics Instructor & Graduate Assistant Mentoring and Professional Development Team  
Department of Mathematics and Statistics, Arkansas State University  
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### **EDUCATION**

*Master of Science Degree in Mathematics, Arkansas State University, August 1986*

*Bachelor of Science Degree in Mathematics, Arkansas State University, May 1985*  
*Area of Teaching Certification: Mathematics (Middle and Secondary)*

### **ACADEMIC POSITIONS**

*Mathematics Instructor (August 2003 - Present)*

*Department of Mathematics and Statistics, Arkansas State University*

Courses taught include Introductory and Intermediate Algebra (prior to 2012), College Algebra, Geometry for Middle School Teachers, and Mathematics for School Teachers I, II, and III (including Honors-Option sections)

Serve as instructor-of-record and faculty mentor for graduate teaching assistants in College Algebra (2012 - Present)

*High School Mathematics Teacher (January 1999 - May 2001)*

*Mathematics Department, Wynne High School*

Courses taught include Algebra I, Algebra A and B, Applied Math I and II, and ACT Math Prep

*Mathematics Instructor, Part-time (May 1997 - June 1997)*

*Department of Mathematics, Science and Technology, East Arkansas Community College*

Taught College Algebra

*Mathematics Instructor (August 1986 - May 1991)*

*Department of Computer Science, Mathematics and Physics, Arkansas State University*

Courses taught include Developmental Algebra, Intermediate Algebra, College Algebra, Trigonometry, and Mathematics for Elementary Teachers I and II

*Graduate Teaching Assistant (July 1985 - August 1986)*

*Department of Computer Science, Mathematics and Physics, Arkansas State University*

Taught Developmental Algebra and tutored in Math Help Session

*Student Teacher (March 1985 - April 1985)*

*Hoxie High School*

Courses taught include Algebra I, Algebra II, Trigonometry, and Computer Science

### **SELECTED SERVICE AND MENTORSHIP ACTIVITIES**

*Graduate Assistant Mentoring and Professional Development Team Member for College Algebra (Spring 2012 - Present)*  
*and Developmental Math ASSETS (Assuring Student Success with Educational Technology Support) Leadership Team Member (Fall 2008 - Fall 2011)*

The team serves in an administrative capacity for the algebra courses by building the curricula, creating the lesson plans, constructing the syllabi, setting up the online grade book attributes for the individual classes, preparing step-by-step instructions for grade book tasks, and coordinating meetings to create exams and establish partial credit guidelines. Team members also serve as the instructors-of-record and mentors for the math graduate assistants teaching algebra and facilitating Structured Learning Assistance (SLA) workshops. In this role, the team is responsible for organizing and conducting training workshops and meetings, providing materials and assistance in the teaching/facilitating of technology supported algebra courses, performing classroom observations, and troubleshooting issues related to technology, attendance, and student conduct.

*A-State Paragould College Algebra Liaison and Oversight (Fall 2011 - Present)*

I assisted with the transition to technology supported algebra courses on the A-State Paragould campus. Continuing responsibilities include training adjunct faculty, assisting with technology issues, and providing guidance and support.

*Face-to-Face College Algebra Focus Group Member (Spring 2011 - Present)*

*Math/Stat General Education Assessment Committee Member (Spring 2011 - Present)*

*Math/Stat Course Equivalency and Transfer Review Committee Member (Fall 2008 - Present)*

*Arkansas Council of Teachers of Mathematics High School Mathematics Contest Regional Director (1988-1990)*

## RECENT PROFESSIONAL ACTIVITIES

### *Redesign: Technology and Innovation in Mathematics Education (RTIME) Conference - Attendee (Spring 2015)*

The keynote addresses by Dr. Tristan Denley, NCAT Redesign Scholar, and Dr. Paul Nolting, Academic Success Press, provided information on redesigning courses and integrating math study skills into online and face-to-face courses. As a part of the conference, I also participated in workshops focused on sharing information related to effective strategies for course redesign, measuring student learning outcomes and assessment, and the corequisite model.

### *"Common Core Boot Camp: Geometry, Measurement, and Data" Partnership Grant - Workshop Leader (Fall 2012 - Summer 2013)*

I served as a workshop leader with Dr. Julie Grady, Associate Professor and Director of the Rural STEM Education Center, and Dr. Amanda Lambertus, Assistant Professor of Mathematics, on the Arkansas Department of Education - Mathematics and Science Partnership Program Grant between Arkansas State University and public and private schools in north central Arkansas, entitled "Common Core Boot Camp: Geometry, Measurement, and Data". The overarching goal of Common Core Boot Camp was to promote ideas and ways of thinking that contribute to greater student understanding of the Common Core State Standards for Mathematics in grades 3-7 by engaging teachers in learning experiences that strengthen their content knowledge, teaching methods, and use of materials and technology. The workshops were held on five Saturdays in the fall of 2012/spring of 2013 and eight days during the summer of 2013. I collaborated with Dr. Lambertus regarding the selection of content and ordering of activities for the workshops. I was also responsible for authoring lesson plans, creating activities, and leading group discussions.

### *Hawkes Learning Systems Grade Book Advisory Panel Member (Summer 2011)*

### *Fourth Annual Arkansas Student Success Symposium - Attendee (Spring 2011)*

The general session provided an update from the Arkansas Department of Higher Education on legislative changes in education. As a part of the symposium, I also participated in workshops designed to share strategies that enhance teaching effectiveness and improve student learning.

### *PMET (Preparing Mathematicians to Educate Teachers) Summer Workshop - Participant (Summer 2010)*

I participated in a week-long PMET/College Ready Workshop on the University of Arkansas Fayetteville campus. The workshop was funded by the National Science Foundation as part of a Mathematics and Physics Partnership Program. Presentations included "Preparing Mathematics Teachers to Teach the Common Core Standards" by Dr. Sybilla Beckmann from the University of Georgia, "Inquiry-Based Instruction" by Dr. Michael Starbird from the University of Texas, and "Teacher's Mathematics" by Dr. Zalman Usiskin from the University of Chicago. Demonstration classes implementing inquiry-based instruction were observed and discussed daily. Workshop participants also shared information regarding the organization and structure of mathematics education programs and courses at their respective institutions.

### *Hawkes Learning Systems Purchase of Algebra Teaching Notes (Spring 2010)*

Hawkes Learning Systems purchased the right to use my teaching notes for Introductory, Intermediate, and College Algebra in the formulation of power point slides to accompany their products.

### *Hawkes Learning Systems Textbook Reviewer (Spring 2009)*

I reviewed **Intermediate Algebra**, sixth edition, by D. Franklin Wright, published in Fall 2010.

## AWARDS AND RECOGNITIONS

*Received M.S. with 4.0 GPA Distinction*

*Received B.S. Mathematics Departmental Award*

*Received B.S. Magna Cum Laude*

*KAPPA MU EPSILON (Mathematics Scholastic Honorary)*

*PHI KAPPA PHI (General Scholastic Honorary)*

*GAMMA BETA PHI (General Scholastic Honorary)*

*ALPHA LAMBDA DELTA (Freshman Scholastic Honorary)*