

**Vita**  
**Kevin Faulk**

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Learning Center  
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**EDUCATION**

**A.A.S.**, Engineering Technology – Drafting and Design Option, Murray State College, Tishomingo, OK, December 1999.

**B.S.**, Technology-Drafting and Design/Computer Graphic Imaging, Southeastern Oklahoma State University, Durant, OK, July 2002.

**B.S.**, Mathematics, Southeastern Oklahoma State University, Durant, OK, May 2004.

**M.A.**, Mathematics, University of Oklahoma, Norman, OK, May 2014.

**TEACHING EXPERIENCE**

January 2019 – present: Southeastern Oklahoma State University, CARES Coordinator/Math Lecturer, Learning Center.

August 2017 – December 2018: Southeastern Oklahoma State University, Adjunct Instructor, Department of Mathematics.

2014-May 2015: Grayson County College, Adjunct Instructor/Temporary Full Time Math Professor, Department of Mathematics.

2010-2014: University of Oklahoma, Graduate Teaching Assistant, Department of Mathematics.

2009-2010: Murray State College, Math Lab Facilitator/Tutor, Developmental Mathematics.

2004-2010: Southeastern Oklahoma State University, Adjunct Instructor, Department of Mathematics.

2001-2004: Southeastern Oklahoma State University, Teaching Assistant/Graduate Assistant, Learning Center.

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## **COURSES TAUGHT**

### **Southeastern Oklahoma State University**

- MATH 0114 – Elementary Algebra
- MATH 0123 – Intermediate Algebra
- MATH 1303 – Math in Liberal Arts
- MATH 1483 – Function and Modeling (Corequisite)
- MATH 1513 – College Algebra (Traditional, Online, and Corequisite)
- MATH 1543 – Algebra for the Sciences
- MATH 2143 – Brief Calculus with Applications (Traditional and IETV)
- MATH 3213 – Differential Equations
- MATH 3283 – Foundations of Math

### **Grayson County College**

- MATH 0340- Transition to College Algebra
- MATH 1314 – College Algebra
- MATH 1324 – Mathematics for Business & Social Sciences I
- MATH 1325 – Mathematics for Business & Social Sciences II
- MATH 1332 – Contemporary Mathematics I
- MATH 1342 – Elementary Statistical Methods

### **Murray State College**

- MTH 0103 – Introductory Math
- MTH 0303 – Beginning Algebra
- MTH 0403 – Intermediate Algebra

### **University of Oklahoma**

- MATH 1473 – Mathematics for Critical Thinking
- MATH 1503 – College Algebra
- MATH 1523 – Precalculus and Trigonometry
- MATH 1643 – Precalculus for Business/Life/Social Science
- MATH 1823 – Discussion Calculus & Analytic Geometry I
- MATH 2924 – Discussion Differential and Integral Calculus II
- MATH 2433 – Calculus & Analytic Geometry III (Grading Only)

## **RESEARCH INTEREST**

Algebraic Topology, Point Set Topology, Topological Graph Theory, Algebraic Graph Theory, Algebra, and Graph Theory.

## **PRESENTATIONS:**

Faulk, K. (May 2014). *BCH and Reed-Solomon codes*. Paper presented at University of Oklahoma, Norman, OK.

Faulk, K. (May 2014). *Voltage Graphs and Covering Spaces*. Paper presented at University of Oklahoma, Norman, OK.

Faulk, K. (April 2010). *Integer Linear Programming*. Paper presented at Southeastern Oklahoma State University, Durant, OK.

Faulk, K. (February 2006). *Abstract Algebra using Mathematica*. Paper presented at the Texas Oklahoma Research Undergraduate Symposium at Southeastern Oklahoma State University, Durant, OK.

Faulk, K. (July 2005). *Srinivasa Ramanujan*. Paper presented in History of Math course at Southeastern Oklahoma State University, Durant, OK.

Faulk, K. (July 2005). *The Life of Evariste Galois*. Paper presented in History of Math course at Southeastern Oklahoma State University, Durant, OK.

Faulk, K. (July 2005). *Galois Theory*. Paper presented in Topics of Mathematics course at Southeastern Oklahoma State University, Durant, OK.

Faulk, K. (June 2005). *Infinitesimals*. Paper presented in History of Math course at Southeastern Oklahoma State University, Durant, OK.

Faulk, K. (April 2005). *Boolean Algebras*. Paper presented in Math Structures II course at Southeastern Oklahoma State University, Durant, OK.

Faulk, K. (July 2003). *Continued Fractions*. Paper Presented in Senior Seminar course at Southeastern Oklahoma State University, Durant, OK.

Faulk, K. (June 2003). *Fractal Geometry-Mandelbrot and Julia Sets*. Paper presented in Topics in Applied Math course at Southeastern Oklahoma State University, Durant, OK.

## **HONORS AND AWARDS:**

Academic Dean's List, 1999-2004

National Dean's List, 1999-2002.

Vice President of Student Senate, 1998-1999.

Phi Theta Kappa Honor Society, 1997-1999.

Academic Vice President's Honor Roll, 1997-1999.

**AFFILIATIONS:**

Mathematical Association of America (MAA) and American Mathematical Society (AMS).

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**COMPUTER EXPERIENCE:**

Microsoft Office, AutoCAD R11-R14/2000/2001/2009, HTML, Java, LaTeX, Python, SAGE, Mathematica, Maple, Adobe Photoshop, Corel Draw, ConnectMath, BlackBoard, Campus Connect, JUMP, SPSS, SAS, SQL, Canvas, Colleague.

**PROFESSIONAL DEVELOPMENT:**

Spring 2015 Learning Day – Grayson County College

Professional Ethics Training, Responsible Conduct of Research Program – University of Oklahoma

**PREVIOUS WORK EXPERIENCE:**

2005-2008: Marshall’s Music Emporium, Sales/Guitar Tech/Sound Engineer.

2000-2001: Southeastern Oklahoma State University, Engineering Lab Assistant.

1997-2000: Paul Glenn Construction, Framing and Finishing Carpenter.

**CONFERENCES ATTENDED:**

MIP Academic Success Skills, Rose State College, Midwest City, OK, 2019.

Summer Symposium in Real Analysis XXXIII, Southeastern Oklahoma State University, Durant, OK, 2009.

Joint Mathematics Meeting, Henry B. Gonzalez Convention Center, San Antonio, TX, 2006.

OK-AR MAA Section Meeting, University of Arkansas, Fayetteville, AR, 2006.

Texas Oklahoma Research Undergraduate Symposium, Southeastern Oklahoma State University, Durant, OK, 2006.

**REFERENCES:**

**LaDawn Bisson**, Director, Learning Center, Southeastern Oklahoma State University, Durant, OK, 74701. Tel: (580) 745-2452, email: [lbisson@se.edu](mailto:lbisson@se.edu)

**Dr. Charles Matthews**, Department Chair, Mathematics Department, Southeastern Oklahoma State University, Durant, OK, 74701. Tel: (580) 745-2358, email: [cmatthews@se.edu](mailto:cmatthews@se.edu)

**Dr. Andy Miller**, Professor, Mathematics Department, University of Oklahoma, Norman, OK, 73019. Tel: (405) 325-4986, email: [amiller@math.ou.edu](mailto:amiller@math.ou.edu)