

Christy Lyn Douglass

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Education

MS in Mathematics, Texas A&M University Central Texas, Killeen, TX, *Anticipated August 2020*

BS in Mathematics, Tarleton State University, Stephenville, TX, *May 1994*

Research / Academic Writing

- 2020: J.Hill, C.Thron et al. “Elementary Abstract Algebra: Examples and Applications,” Lulu, 2015. (Online version: <http://sl2x.aimath.org/book/aafmt/>).
Significant content contributions and revisions on the Rings chapter.
- 2005-Present: Collaborated with professional learning communities (PLC’s), to research and employ teaching best practices.
- 2005-2020: Collaborated with vertical teams to ensure mastery of mathematical concepts, focusing on consistent use of mathematical language and effective teaching strategies.
- 2000-2019: Created mastery teaching guides for secondary mathematics courses.
- 2015-2017: Developed and organized SAT preparation bootcamps for students in grades 10-12, to include skills practice and assessment strategies.
- 2000-2005: Created curriculum for graphing calculator training for new teachers.

Mentoring

- Ten years experience mentoring and supervising new teachers.
- Supervised, observed, and supported 10 new teachers for Killeen ISD.

Teaching Experience

- Taught developmental mathematics courses for college students.
- Taught courses to include: Statistics, Precalculus, Geometry, Algebra I, Algebra II.
- Taught pre-AP, on level, and remediation courses.
- Taught online, evening academy, summer school, and traditional classroom settings.

- Cultivated a safe, comfortable, organized, and inviting learning environment.
- Created, implemented, monitored, adjusted, differentiated, and assessed mathematics lesson.
- Tutored, mentored, advised, supported, and managed high school students.
- Compiled, organized, and utilized student data.
- Modified and accommodated students with special needs.
- Communicated and conducted meetings with students, parents, administrators, and staff.
- Administered SAT, AP exams, STAAR, TAKS, TAAS.

Employment History

- 2018 – Present:* **Secondary Mathematics Teacher**
Killeen High School, Killeen, TX
Supervisor: Kara Trevino
- 2011 – 2018:* **Secondary Mathematics Teacher**
Harker Heights High School, Harker Heights, TX
Supervisor: Larry Brazzil
- 2015 – 2017:* **SAT Preparation Instructor**
Jackson Learning Center, Killeen, TX
Supervisor: John Jackson
- 1995 – 2010:* **Secondary Mathematics Teacher**
Ellison High School, Killeen, TX
Supervisor: Marvin Rainwater
- 1997 – 1998:* **Developmental Mathematics Teacher**
Central Texas College, Killeen, TX
- 1994 – 1995:* **Secondary Mathematics Teacher**
Carroll Middle School, Southlake, TX

Awards & Honors

- KISD Starmaker Teacher Award, Ellison High School, *2011*
- *Magna Cum Laude*, Tarleton State University, *1994*
- Dean's List, Tarleton State University, *1989-1994*