

Kristen A. Ewing

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Education

Master of Science in Mathematics *Dec. 2014*
Texas A&M University - Commerce, Commerce, Texas

Bachelor of Arts in Mathematics *Dec. 2008*
University of Colorado at Colorado Springs, Colorado Springs, Colorado

Teaching Experience

Associate Professor, Collin College *Jan. 2013-Present*

- Teach Math 1314 - College Algebra dual credit upcoming spring 2019
- Teach Math 1314 - College Algebra co-requisite course with Math 0314 - College Algebra Support course
 - Teach on Tuesday and Thursday evening in the fall and spring semester
 - Teach in the Weekend College on Saturday morning and afternoon in the fall semester
 - Teach on the Plano campus
 - Develop course syllabus within the parameters set by the department
 - Administer homework using the ALEKS program
 - Utilize the grade book function in ALEKS to keep grades consistently up to date for real time grades
 - Develop guided notes, test reviews, and tests
 - Administer and grade labs and tests
 - Utilize in class activities
 - Use the TI Graphing Calculator program to demonstrate calculator functions
 - Record and upload test review videos for all seven tests
 - Integrate ALEKS grades into Canvas
 - Utilize Canvas to communicate with students and upload syllabus, contact information, guided notes, test reviews, test review videos, labs, and other course documents
 - Record grades and attendance
 - Use technology in the classroom including the projector and document camera
- Teach NCBM 002A - Developmental Math Refresher with Math 0302 - Pre-Algebra

- Teach on Tuesday and Thursday evening in the spring semester
 - Teach on the Plano campus
 - Develop course syllabus within the parameters set by the department
 - Administer homework and labs using the ALEKS program
 - Utilize the grade book function in ALEKS to keep grades consistently up to date for real time grades
 - Develop guided notes, test reviews, and tests
 - Utilize in class activities
 - Administer and grade tests
 - Record grades and attendance
 - Use technology in the classroom including the projector and document camera
- Teach Math 0310 - Intermediate Algebra
 - Teach 12 week express course on Tuesday and Thursday afternoon in the spring semester
 - Teach 4 week summer course on Monday, Tuesday, Wednesday, Thursday, and Friday morning in the summer 2 semester
 - Teach 12 week express course on Tuesday and Thursday evening in the spring semester
 - Teach 10 week summer course in the Weekend College on Saturday morning in the summer 3 semester
 - Teach in the Weekend College on Sunday afternoon in the fall semester
 - Teach on Monday, Wednesday, and Friday afternoon in the fall semester
 - Teach on Monday and Wednesday afternoon in the fall semester
 - Teach on the Frisco, McKinney, and Plano campus
 - Develop course syllabus within the parameters set by the department
 - Administer homework and labs using the My Math Lab program
 - Utilize the grade book function in My Math Lab to keep grades consistently up to date for real time grades
 - Develop guided notes, test reviews, and tests
 - Administer and grade tests
 - Utilize in class activities
 - Use the TI Graphing Calculator program to demonstrate calculator functions
 - Post guided notes and test reviews in My Math Lab
 - Utilize Canvas to upload notes and grades
 - Integrate My Math Lab with Canvas
 - Record grades and attendance
 - Use technology in the classroom including the projector and document camera

- Teach Math 0305 - Beginning Algebra
 - Teach in the Weekend College on Saturday afternoon in the spring semester
 - Teach 10 week summer course on Tuesday and Thursday morning in the summer 3 semester
 - Teach 9 week summer course in the Weekend College on Saturday morning in the summer 3 semester
 - Teach 5 week summer course on Monday, Tuesday, Wednesday, and Thursday afternoon in the summer 1 semester with a 100% pass rate
 - Teach in the Weekend College on Saturday morning in the fall semester
 - Teach on Monday and Wednesday afternoon and evening in the spring semester
 - Teach on Tuesday and Thursday morning and evening in the spring semester
 - Teach on Monday, Wednesday, and Friday morning and afternoon in the spring semester
 - Teach on the Frisco, McKinney, and Plano campus
 - Develop course syllabus within the parameters set by the department
 - Administer homework and labs using the My Math Lab program
 - Utilize the grade book function in My Math Lab to keep grades consistently up to date for real time grades
 - Develop guided notes, test reviews, and tests
 - Administer and grade tests
 - Utilize in class activities
 - Use the TI Graphing Calculator program to demonstrate calculator functions
 - Post guided notes and test reviews in My Math Lab
 - Record grades and attendance
 - Use technology in the classroom including the projector and document camera

- Teach Math 0302 - Pre-Algebra
 - Teach on Monday, Wednesday, and Friday morning in the fall semester
 - Teach on the Frisco campus
 - Develop course syllabus within the parameters set by the department
 - Administer homework and labs using the My Math Lab program
 - Utilize the grade book function in My Math Lab to keep grades consistently up to date for real time grades
 - Develop guided notes, test reviews, and tests
 - Administer and grade tests
 - Utilize in class activities
 - Post guided notes and test reviews in My Math Lab
 - Record grades and attendance

- Use technology in the classroom including the projector and document camera

Adjunct, Texas A&M University - Commerce

Aug. 2016-Present

- Teach Math 1332 (formerly Math 179) - Contemporary Mathematics upcoming in spring 2019
- Teach Math 179 - Contemporary Mathematics
 - Develop the course using the WebAssign program
 - Develop the course syllabus
 - Develop guided notes, homework assignments, quizzes, test reviews, tests, and the final exam
 - Administer homework assignments using WebAssign
 - Post guided notes in WebAssign
 - Utilize the grade book function in WebAssign to keep grades consistently up to date for real time grades
 - Administer and grade quizzes and all tests including the final exam
 - Utilize real world situations to demonstrate the use of math in the real world
 - Use technology in the classroom including the projector and document camera
- Teach Math 1314 - College Algebra
 - Work with a designated supplemental instructor to give students a tutor specific to the class
 - Administer homework using the Math XL program
 - Develop guided notes, quizzes, test reviews, and tests
 - Record and upload test review videos to D2L
 - Record grades and attendance
 - Utilize the grade book function on Math XL to keep grades consistently up to date for real time grades
 - Administer and grade projects, quizzes, and tests
 - Utilize D2L to post guided notes and communicate with students
 - Use technology in the classroom including the projector and document camera
- Teach Math 131 - Intermediate Algebra
 - Work with a designated supplemental instructor to give students a tutor specific to the class
 - Administer homework using the My Math Lab program
 - Utilize the grade book function in My Math Lab to keep grades consistently up to date for real time grades
 - Develop guided notes, quizzes, test reviews, and tests
 - Administer and grade tests, projects, and quizzes
 - Utilize in class activities
 - Post guided notes and test reviews in My Math Lab
 - Record grades and attendance

- Use technology in the classroom including the projector and document camera

Math Lab Specialist II, Collin College

Feb. 2015-May 2017

- Tutor students in more than ten different undergraduate math courses
- Provide encouragement to students who are struggling in math
- Create simple examples to help bridge the gap between what a student knows and what they are attempting to learn
- Assist with the use of online math programs
- Provide calculator help including the use of ROWOPS for solving matrices and statistic functions

Graduate Assistant, Texas A&M University - Commerce

Jan. 2014-Dec. 2014

- Teach Math 1314 - College Algebra
 - Administer homework using the My Math Lab program
 - Develop guided notes, quizzes, test reviews, and tests
 - Record grades and attendance
 - Utilize the grade book function on My Math Lab to keep grades consistently up to date for real time grades
 - Administer and grade projects, quizzes, and tests
 - Use technology in the classroom including the projector and document camera
- Teach Math 131 - Intermediate Algebra
 - Administer homework using the My Math Lab program
 - Utilize the grade book function in My Math Lab to keep grades consistently up to date for real time grades
 - Develop guided notes, quizzes, test reviews, and tests
 - Administer and grade tests, projects, and quizzes
 - Post guided notes and test reviews in My Math Lab
 - Record grades and attendance
 - Use technology in the classroom including the projector and document camera
- Serve as a supplemental instructor for Pre-Calculus
 - Provide tutoring for students in a specific pre-calculus class
 - Record attendance
 - Grade homework assignments

Mathematics Tutor, Mathnasium

Jan. 2012-Aug. 2014

- Tutor students in grades K-12 in math and some college math courses such as college algebra
- Provide one-on-one tutoring
- Develop individualized curriculum for each student
- Use activities to engage students in math

- Create a bridge for students to get from what they know to what they are learning
- Assist with math homework
- Do billing for both the McKinney and Frisco centers

Substitute Teacher, Trenton Elementary School

Aug. 2011-Oct. 2011

- Substitute grades one through five

Mathematics Tutor, University of Colorado at Colorado Springs

Jan. 2008-Dec. 2010

- Tutor students in more than ten different math courses
- Facilitate multiple review sessions in college algebra
- Work with the Project Success Program offering one-on-one tutoring to three students at risk for failing in business calculus, college algebra, and pre-calculus
- Help improve “at-risk” students’ grades by 20%
- Facilitate a supplemental instruction session for college algebra

Mathematics Grader, University of Colorado at Colorado Springs

Aug. 2007-May 2008

- Grade for four teachers for business calculus, pre-calculus, and college algebra

Professional Development

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| Attended Associate Faculty Academy Track 2 | <i>Dec. 2018</i> |
| Attended Associate Faculty Academy Track 1 | <i>Oct. 2018</i> |
| Watched Sullivan Co-requisite Solution Webinar | <i>Nov. 2018</i> |
| Attended Faculty Professional Development Co-requisite Courses | <i>Aug. 2018</i> |
| Attended Associate Faculty Meeting | <i>Aug. 2018</i> |
| Attended Canvas Workshop | <i>Aug. 2018</i> |
| Attended ALEKS Training | <i>May 2018</i> |
| Attended Collin College 2018 Associate Faculty Conference "Collaborations" | <i>Feb. 2018</i> |
| Attended ALEKS Training | <i>Jan. 2018</i> |
| Attended Associate Faculty Meeting | <i>Aug. 2016</i> |
| Attended Associate Faculty Meeting | <i>Aug. 2014</i> |
| Attended Collin College 2014 Associate Faculty Conference "Collaborations" | <i>Apr. 2014</i> |
| Attended Web Assign Training | <i>Mar. 2014</i> |
| Attended NADE Conference | <i>Mar. 2014</i> |
| Attended Associate Faculty Meeting | <i>Aug. 2013</i> |
| Attended My Math Lab Training | <i>Feb. 2013</i> |

Memberships

Member - Pi Mu Epsilon National Honorary Mathematics Society