

Joe Kahlig

Contact Information:

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Education

Master of Science, Mathematics, Texas A&M University, 1994
 Bachelor of Science, Mathematics, Angelo State University, 1992

Employment

2014-present Instructional Assistant Professor, Department of Mathematics, Texas A&M University
 2006-2014 Senior Lecturer, Department of Mathematics, Texas A&M University
 1995-2006 Lecturer, Department of Mathematics, Texas A&M University
 1996-2006 Part-time Mathematics Instructor, Blinn College - Bryan Campus
 1992-1994 Graduate Teaching Assistant, Department of Mathematics, Texas A&M University

Courses TaughtTexas A&M University

Math 131	Calculus for Science Majors
Math 141	Business Mathematics I
Honors Math 141	Business Mathematics I, includes a computer lab.
Math 142	Business Mathematics II
Honors Math 142	Business Mathematics II
Math 151	Engineering Mathematics I
Math 151	Engineering Mathematics I as a web-based instruction.
Math 151	Engineering Mathematics I as a distance education course.
Math 152	Engineering Mathematics II
Math 152	Engineering Mathematics II as a distance education course.
Math 251	Engineering Mathematics III
Math 166	Topics in Contemporary Mathematics II
Honors Math 166	Topics in Contemporary Mathematics II, includes a computer lab.
Math 171	Calculus I for Mathematics Majors
Math 172	Calculus II for Mathematics Majors
Math 325	The mathematics of Interest
Math 225	Advanced Spreadsheet Techniques

Blinn College

Math 1314	College Algebra
Math 1324	Mathematics Analysis I
Math 1325	Mathematics Analysis II
Math 1332	College Mathematics

Awards

Award for Outstanding Teaching, Department of Mathematics, 2021
 Award for Outstanding Teaching, Department of Mathematics, 2013
 Award for Outstanding Service, Department of Mathematics, 1998

University Service Activities

2019-2021, Undergraduate Academic Appeals Panel

Departmental Service Activities

2018-2019, Academic Professional Track Committee

Evaluate APT faculty's departmentals performance

Assist in the hiring of new APT faculty

2003-2018 Supervise graders and Undergraduate Teaching Assistants

2012-2013 Chair of Subcommittee L (Lecturer promotion committee).

1997-Present (various semesters), Course Coordinator

Math 131, 141, 142, 166, 151, 152

Be a resource for instructors new to the course.

Insure that sections taught by different instructors are comparable: exams are similar in difficulty, similar calculator policies, and similar pace in the coverage of the material.

Created the common exams for the Math 151 and 152 courses.

1997-Present (various semesters), Week in Review: Math 131, 141, 142, 166, 151, 152

2005-2014 (various semesters), Mentor graduate students teaching their first course

Provide resources for first-time teachers

Help integrate the use of the TI-83/TI-84 into the lecture.

Assist with the variety of issues that arise during the semester.

2017 Member of the committee to create the course schedule for the new 152 textbook.

Textbook Search Committee (various semesters): Math 131, 141, 142, 166, 152

Curriculum Development:

Math 225: Created the curriculum for the course.

- Determined concepts to be covered.
- Created classroom demonstrations that demonstrated these concepts.
- Created weekly projects that allowed to practice the weekly concepts.

Math 325: Created and Coded homework problems/assignments in the Webassign homework system.

- Transformed the 9 homework assignments, created for an FM prep course(Financial Mathematics prep course), into 16 assignments where each assignment now covers a few sections instead of an entire chapter.
- Coded an additional of 90 algorithmic homework questions that targeted the difficulty level of students learning the material for the first time.

Math142: Created the department's homework assignments (2012).

Coded algebraic homework problems for the Webassign homework system Math 141, Math 142, Math 166, Math 151, Math 152, Math 251, Math 325

Created supplemental problems sets with solutions for Math 141, Math 142, and Math 166

Created a TI-Calculator Tutorial website for the Math 131, Math 140, Math 141, Math 142, and Math 166 courses.