

Teaching Information Andrea Young

Courses Taught/Responsibilities

Assistant Instructor (Instructor of Record)

- Elementary Functions and Coordinate Geometry (Fall 2005 and 2006):
During both semesters, I lectured, wrote and graded tests and assigned homeworks. Since the classes met 5 days a week, I made Tuesdays and Thursdays discussion sections, during which I planned some sort of interactive activity (group work, game, self-graded quiz, etc). In Fall 2006, my section of precalculus was affiliated with the Texas Interdisciplinary Plan (TIP), which tries to bring a small college environment to the large university setting. I had frequent interaction with the TIP mentors, and during class, I emphasized critical thinking skills in order to fit in with the TIP mission statement.
- Foundations of Arithmetic (Spring 2006):
This class was designed to teach elementary education majors the fundamentals of arithmetic. The syllabus for this class was not clearly defined, so I had the freedom to choose explorations and topics that I thought would be beneficial to the students. I acted as a facilitator more than as a teacher, choosing to have individual interactions instead of giving lectures. I wrote and graded tests and projects. Additionally, the students kept a daily journal that I read and commented on weekly. Finally, there was funding through the Uteach program for a student intern. He was a mathematics education major. We had weekly meetings to discuss upcoming explorations and teaching strategies. He attended every class and interacted with the students, thereby gaining teaching experience.

Teaching Assistant

- Mathematical Methods-Writing Intensive First Year Seminar (Fall 2007):
The focus of this class is calculus: both its historical and mathematical contexts. I attend class and grade homeworks and papers. Additionally, I am responsible for developing projects. The students will be working on projects in groups dealing with such topics as the cooling of a cadaver, temperatures around the equator, and the geometry of pool tables.
- Multivariable Calculus (Summer 2007):
I led discussion sections and graded tests and homework.
- Differential Calculus (Summer 2007):
I led discussion sections and graded quizzes.
- Differential Calculus (Fall 2003):
I was a Supplemental Instruction leader this semester. We had a 2-day training session before the semester started and then had weekly meetings to discuss new student-centered learning techniques. I led discussion sections. The homework and tests for this class were completely computerized, so I had no grading responsibilities.

Student Comments

- “Andrea was helpful, approachable, thorough, and encouraging. She was always prepared, and did a great job going over the material. Way to go!” Summer 2004 (Course Instructor Survey)
- “She was a great instructor and very knowledgeable. She was courteous and accommodating. I hate math, but this class wasn't TOO bad.” Fall 2005 (Course Instructor Survey)
- [You] “should put all of your M505G students in Andrea's class.” Fall 2006 (as communicated by John Theofanis, TIP advisor)
- “Andrea always made us feel free to ask questions and was very enthusiastic!” Spring 2006 (Course Instructor Survey)

- “Andrea is the best Calc TA I have ever had and I have had 3 of them! If it wasn't for Andrea, I would have failed.” Summer 2007 (Course Instructor Survey)