

Andrew Davis

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PROFESSIONAL EXPERIENCE

Math Professor, Tyler Jr College, Tyler, TX (2019-present).

Taught Various math courses including: Developmental Math, College algebra coreq and College Algebra, Math and Society, Statistics and Business Finite. Taught in various types of methods from modular, coreq, regular credit, and online.

Program Director. Academic Assistance Resource Center, Stephen F. Austin University, Nacogdoches, TX (2008-2017).

Administered the tutoring program for all math, business, and computer science classes at the university. Hired, trained, scheduled and supervised 40-60 tutors per semester. This job required working in a team to manage the educational outcomes of our clients and was data driven. Used VBA and excel to analyses the effectiveness of the program and Stata to run regressions and statistical models. Managed a budget and worked with a team to adjust our services to more effectively serve the needs of our clients.

Math Instructor. Stephen F. Austin University, Nacogdoches, TX (2008-2017).

Taught courses including: Developmental Math, Math and Society, Math for Elementary School Teachers, Trigonometry, College Algebra, and Finite Math for Business Majors. Communicated with students and helped them learn how to be successful by helping them with both material and time management. Created lessons to ensure I covered necessary material and done in a timely manner. Regularly updated a data sheet with grades and attendance.

Math Instructor. University of Texas at Tyler, Tyler, TX. (2007).

Taught 2 Business Calculus classes and 2 lab sections. TA for Calculus 1 lab.

Math Instructor. Tyler Junior College, Tyler, TX (2005-2008).

Adjunct Instructor for Developmental Math. Taught 3-4 courses per semester.

Middle School Teacher. King's Academy, Tyler, TX (2005).

Taught History.

High School Teacher. Christian Heritage School, Tyler, TX (2003-2005).

Taught Calculus, Chemistry, and Bible.

High School Teacher. Liberty Christian Academy in Jerome, ID (2002-2003).

Taught Economics and Speech.

EDUCATION

M.A. in Economics. Washington University in St.Louis, MO (2019).

M.S. in Mathematics. University of Texas at Tyler in Tyler, TX (2007).

B.Sc. in Mathematics. Trinity Western University in Fort Langley, BC, Canada (2002).

PRESENTATIONS & PAPERS

- *Step by Step “How-Tos” for Showcasing Your Program’s Effectiveness with Excel.* College Academic Support Programs Conference, 2011, Austin, TX
- *Math, How to Study and When to Study it: A Guide for College Freshmen.* College Academic Support Programs Conference, 2011, Austin, TX
- Working paper on the effectiveness of supplemental instruction programs, almost ready for publication.

TECHNICAL SKILLS

- Proficient scripting in VBA.
- Proficient in statistical software, including STATA, R.
- Very proficient in Word, Excel, Powerpoint.
- Some experience programming in C++, Java, Python and Matlab.

References

- Kathrine Murray, Mathematics chair at Tyler Jr. College, kmur2@tjc.edu, 903-510-3501
- Dr. Lesa Beverly, Mathematics Chair at Stephen F Austin State University, beverlyll@sfasu.edu 936-468-3805(Former Boss)

- Mellissa Boiles, Former Director of the AARC at Stephen F Austin State University, meliboiles@gmail.com, 936-371-1175 (Former Boss and Former Coworker)
- Kerron Joseph, Former Program Director of the AARC at Stephen F Austin State University, kerronj@gmail.com, 936-553-2649 (Former Coworker)