

JESSICA THOMPSON

177 Jimmies Place, Princeton, WV 24739 · 304-922-1699

jessthom@vt.edu

I am a highly motivated and organized professional who takes great pride and pleasure in helping students who struggle with mathematics to not only build their math skills, but to develop an understanding of its importance. I work hard to foster a love and appreciation of mathematics in every student that I encounter. I believe that every student can succeed if given the right tools. I pride myself in my flexible approach to determine what methods will work best for an individual student and then seeing that those methods are successfully provided.

EXPERIENCE

2017 – PRESENT

INSTRUCTOR OF MATHEMATICS, VIRGINIA TECH, BLACKSBURG, VA

- Taught MATH 1225 – Calculus of a Single Variable
- Taught MATH 1014 – Precalculus with Transcendental Functions
- Taught MATH 1226 – Calculus of a Single Variable
- Coordinator of MATH 1014

2013 – 2017

INSTRUCTOR OF DEVELOPMENTAL MATHEMATICS/TSE MANAGER, BLUEFIELD STATE COLLEGE, BLUEFIELD, WV

- Taught co-requisite developmental mathematics courses and offered support to developmental mathematics students in the Transitional Studies Emporium (TSE), a high-tech computer lab that is dedicated to the instruction of developmental mathematics and English courses
- Developed and implemented a co-requisite model of developmental mathematics in which students in need of mathematics remediation were placed into a credit bearing college mathematics course that corresponded to their field of study while also being placed into a non-credit bearing developmental mathematics course where their individual remediation needs were addressed using Pearson MyMathLab software
- Developed and implemented a new approach to developmental mathematics in response to changes in state policy in which students needing remediation are placed into a credit bearing college level mathematics course that corresponds to their field of study and has built in “just in time” remediation in the form of additional class time to be spent with individualized instruction utilizing competency based study plans and technology based teaching platforms in the TSE
- Attended numerous conferences on developmental education reform and pedagogy
- Collaborated with other campus departments to ensure proper scheduling of classes and alignment of course content
- Served on numerous campus committees including Academic Quality committee
- Assisted with revision and evaluation of the Quantitative Literacy assessment assignment
- Developed an assessment process for developmental mathematics courses and entered the assessments into LiveText

- Utilized proactive outreach methods such as sending email notifications to students, their advisors, and Student Support Services if they were deemed to be at risk by having excessive absences or missing assignments

2009 – 2013

STUDENT SUPPORT SERVICES EDUCATIONAL OUTREACH COUNSELOR, BLUEFIELD STATE COLLEGE, BLUEFIELD, WV

- Supervised numerous tutors
- Provided assistance to students in various mathematics and science courses
- Counseled students regarding their program of study, course schedules, and minor personal matters
- Referred students to various campus resources when topics of concern were beyond the scope of my position
- Created and delivered workshops on various topics including:
 - Math Anxiety
 - Stress Management
 - PowerPoint Presentation Skills
 - Study Skills
 - Relaxation Techniques
 - Test Taking Strategies
- Maintained detailed records of student contact and services provided
- Ran various reports through the BLUMEN database
- Assisted with completing the Annual Performance Report

2005 – 2013

ADJUNCT INSTRUCTOR OF MATHEMATICS, BLUEFIELD STATE COLLEGE, BLUEFIELD, WV

- Taught numerous mathematics courses, both in class and online, including:
 - Developmental Algebra
 - Developmental Mathematics
 - General Mathematics
 - College Algebra
 - Quantitative Techniques in Business
 - Mathematics for Early/Middle Grade Teachers
- Assisted with building a partnership with Stevens Correctional Facility by offering mathematics courses at the prison in the summer of 2009
- Assisted with securing a grant to build the Transitional Studies Emporium

2005 – 2009

PROFESSIONAL TUTOR/PROGRAM COORDINATOR, BLUEFIELD STATE COLLEGE, BLUEFIELD, WV

- Provided tutoring in numerous mathematics and science courses including, but not limited to:
 - Linear Algebra
 - Calculus I, II, and III
 - Differential Equations
 - Modern Algebra
 - Quantitative Techniques in Business

- Business Statistics
- Probability and Statistics
- Physics
- Chemistry
- Biology
- Assisted with day to day operations of the department
- Monitored the Student Support Services Computer Lab

EDUCATION

2009 – 2012

M.A. MATHEMATICS, UNIVERSITY OF HOUSTON, HOUSTON, TX

- Graduated with a 4.0 GPA

2000 – 2004

B.S. APPLIED SCIENCE, BLUEFIELD STATE COLLEGE, BLUEFIELD, WV

- Graduated Magna Cum Laude