

# **Matthew P. Patton**

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## **OBJECTIVE**

To create an encouraging and academically driven learning environment that challenges students to use higher-order thinking and develops applicable mathematic skills.

## **EDUCATION**

### **Bachelor of Arts in Mathematics with Teaching Certification**

Messiah College, Grantham, PA   December, 2012

- Pennsylvania State Certification; Grades 7-12
- GPA 3.2/4.0

## **TEACHING EXPERIENCE**

### **Mathematics Department Chair**

Lancaster County High School, Lancaster, VA   August 2013- Present

- Implement Algebra II and Geometry classes for grades 9 through 12 using research-based practices for mathematics instruction and classroom management
- Develop engaging lesson plans that align to the Virginia Standards of Learning
- Devise diagnostic, formative, and summative assessments that are differentiated to meet the needs of all students
- Increased end of course state exam pass rates from 55% to 79% in Geometry and from 62% to 78% in Algebra II during 2013-2014 school year
- Integrate technology regularly into the classroom through use of iPads, tablets, laptops, graphing calculators and SMART Board activities

### **Student Teacher**

Spring Grove High School, Spring Grove, PA   Fall 2012

- Collaborated with a cooperating teacher to lead classes including Honors Geometry, Introduction to Statistics, AP Statistics, and Enhanced Math for Seniors
- Acquired 13 weeks of experience in an APL high school
- Incorporated Algebra I Keystone review material into lessons and daily class activators
- Constructed and implemented unit plans in each class that aligned with SAS standards

### **After School Tutor**

Allison Hill Community Center Allison Hill, PA   September 2011- May 2012

- Aided inner-city K-12 students in homework completion
- Promoted good study habits and a strong work ethic

## **WORK EXPERIENCE**

### **Liberty Thrift and Home Furnishings**

Perkiomenville, PA, Truck Driver, Summer 2013; Sales Clerk 2005-2010

- Delivered furniture to customers and stores, providing experience in planning, problem solving, customer service, and time management

## **FUTURE INTEREST**

- Coaching basketball or soccer at the middle school or high school level