

# Matthew Braddock

matt.braddock@gmail.com | <https://mattbraddock.com/>

## EDUCATION

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*Master of Science*, Instructional Technology

Fort Hays State University, Hays, KS, December 2015

Cumulative GPA: 4.00

*Bachelor of Arts*, Mathematics

California State University, Stanislaus, Turlock, CA, June 2010

Concentration: Subject Matter Preparation

*Associate of Science*, Mathematics

American River College, Sacramento, CA, June 2008

## CERTIFICATION

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*Advanced Professional Certificate*

Maryland: 7-12 Mathematics, January 2017 - December 2021

## PROFESSIONAL EXPERIENCE

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*Mathematics Educator*, Howard County Public School System

Howard High School, Atholton High School, Mt. Hebron High School, Glenelg High School

Ellicott City, MD, July 2015 - Present

- Teach grade 9-12 students in Algebra 1, Geometry, Geometry G/T, and Algebra 2
- Collaboratively plan lessons with peers aligned to Common Core State Standards and PARCC assessments
- Develop and maintain a course page on Canvas to post assignments, grades, and study resources, and communicate with students and parents through announcements and messages
- Test and evaluate new features of Canvas as part of the Canvas Gradebook Pilot Program before implementation county-wide
- Present at department and faculty meetings on the features and course implementation of Canvas
- Chair the Technology Integration subcommittee of the Student Improvement Team

*Mathematics Educator*, Prince George's County Public Schools

Dr. Henry A. Wise, Jr. High School

Upper Marlboro, MD, July 2012 - July 2015

- Taught grade 10-12 students in AP Calculus AB, Trigonometry, SAT Preparation, and College Summit
- Developed and implemented lesson plans adhered to county curriculum and College Board Curriculum Framework
- Assisted in updating the Algebra 2 curriculum for the county mathematics department
- Presented at department meetings on utilizing math software in the classroom

## PROFESSIONAL PRESENTATIONS

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*Exploring Features of Graphs with GeoGebra Mobile*

HCPSS Secondary Mathematics Countywide Professional Development, February 2018

*Advanced GeoGebra: Creating Interactive Technology for the Classroom*

College and Career Readiness Conference, June 2015

PGCPS Common Core Learning Community, March 2015

*Beginning GeoGebra: Introducing Interactive Technology in the Classroom*

PGCPS Common Core Learning Community, November 2014

*Google Forms and Sheets: Balancing Data with Sanity*

Powering Up with Technology, November 2014

PGCPS New Teacher Boot Camp, August 2014

## TECHNOLOGY SKILLS

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*Learning Management Systems*

8 years of expertise with systems such as Canvas, Blackboard, Edmodo, and SchoolMAX

*Front End Development*

4 years of self-taught experience with HTML, CSS, and JavaScript, including frameworks such as jQuery, Bootstrap, Node.js, and AngularJS to create open source projects

*Media Editing*

12 years of experience with Adobe Photoshop, Adobe Premiere, and Audacity through educational and personal projects