

- Mathematics -

TYLER M JACOBSEN

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EDUCATION:

Cedar Crest College

Allentown, PA | May 2017

Master of Education with certification
in **Secondary Education - Mathematics**

G.P.A: 3.83/4.00

Pennsylvania State University

University Park, PA | Dec. 2014

Bachelor of Science in Mathematics

CERTIFICATION:

Instructional I Certificate

Mathematics: Secondary Ed
Grades 7-12 (**Pennsylvania**)

CEAS

Mathematics: Secondary Ed
Grades 7-12 (**New Jersey**)

WORK EXPERIENCE:

Easton Area High School

Algebra 1 (CP and OL) Teacher

Easton, PA

July 2020 - present

- Designed an interactive website of math resources, lessons and practice sheets for students
- Connected and cross-correlated existing materials with Online Programs and Technology
- Assisted in updating the prior curriculum to match or exceed existing standards/practices through EduPlanet

Don Bosco Preparatory High School

Algebra 2 (CP, Honors, and Advanced) Teacher

Ramsey, NJ

July 2017 - July 2020

- Created and instituted an Algebra 2 Curriculum designed to take advantage of 1 to 1 technology.
- Adapted and rewrote generic department resources to better assist with various student accommodations.
- Collected and Maintained Data Analysis on student progression across consecutive topics.
- Created video notes and held online interactive lessons for the Algebra 2 Team during stay-at-home classes

Buxmont Academy - Bethlehem Campus

Math Teacher

Bethlehem, PA

Nov. 2015 - June 2016

- Mid year replacement for existing Math teacher
- Coordinated an individualized Math curriculum for Grades 8 through 11
- Lead and taught in a small classroom environment for those respective grades

RELEVANT EXPERIENCE:

New Jersey Center of Teaching and Learning

Math Program Assistant

Bergen County, NJ

June 2013 - Jan. 2015

- Developed part of the coursework for the AB Calculus curriculum
- Wrote, adapted and exported the material onto several formats for public usage (PDF, Notebook, Word, Pages)

STUDENT TEACHING EXPERIENCE:**Northeast Middle School, 7th Grade****Bethlehem Area School District | March 2017 - April 2017**

- Participated in the adaptation of the Pearson Education enVision program centered around interactive learning. Guided student discovery during several hands on experiments in probability. Collaborated on the integration of the Pearson program into daily experiences. Applied Restorative Practices for troubled students to address the fidelity of traditional punishments.

Emmaus High School, 11th Grade**East Penn School District | Jan. - March 2017**

- Modified a textbook oriented unit plan with personally-created class notes and discovery experiments to address the needs of a diverse classroom. Designed a parallel curriculum aligned to PA Core standards that expanded upon the traditional lecture experience for students working in lower track courses. Modernized a low-tech academic environment by incorporating Web 2.0 instruction, including Plickers, Prezi, Kahoot, and WebQuests.

LEADERSHIP EXPERIENCE AND
VOLUNTEER WORK:**THON Fundraiser, Summer Manager, and Maintenance and Operations Chair for the Alpha Gamma Rho Fraternity at Penn State University**

- Co-Led a group of 150+ in various efforts to help raise money for Pediatric Cancer Research; ~ \$100,000 annually
- Managed and directed the weekly and year long maintenance and upgrades for the fraternal home

Freshman Cross Country / Track and Field Coach - 2 years

- Studied under a 17 time championship coach
- Taught the boys how to properly attend to their growth through proper stretching, lifting, eating and training habits
- Bergen County Freshman Cross-County Champions

Habitat For Humanity of The Hudson Valley, YouthWorks Mission Trips

- Completed 100+ hours of community service
- Multiple week long trips to poverty stricken areas of the United States in order to aid in various areas of improvement

References Available on Request

SKILLS:

Notability	Microsoft Excel
Pearson Education	Plickers
Schoology (Certified)	Apple (Certified)
1-to-1 Technology	Video Streaming
Google Suite (Cert in Progress)	Creating Video Lessons (samples available)
IXL	

PROFESSIONAL WEBSITE:

www.tylerjacobsen.info