

# George J. Wagenmann III

219 Miller Rd Apt. J Akron, PA 17501

(267) 371-2787

george.wagenmann.iii@gmail.com

## Objective

To educate high school students in the fields of technology, engineering, and mathematics.

## Education

Millersville University, Millersville, PA

Bachelors of Science in Technology Education

December 2013

Minor in Mathematics

Overall GPA: 3.6/4.0 Major GPA: 3.9/4.0 Dean's List 4/8 Semesters Cum Laude

## Teaching Experience

**Long Term Substitute:** Hempfield High School, Landisville, PA

January-June 2014

- Taught Electronics 1
- Planned and implemented lessons on electrical components, magnetism, basic circuits, and project construction.
- Differentiated lessons based on students' needs and on the block schedules
- Responsible for study hall and lunch duty
- Professional Development included Hempfield Entry Level Program Year 1

**Student Teaching:** Manheim Township High School, Neffsville, PA

Fall 2013

- Responsibilities included: Computer-Aided Drawing, Project Lead the Way: Introduction to Engineering Design, and Project Lead the Way: Civil Engineering and Architecture courses
- Planned and implemented lessons on technical drawing techniques, research, and presentations.
- Developed a unit on technological design and pattern development where students used the design process to solve problems using concepts of pattern development.
- Differentiated lessons to ensure that all students were involved and understood the material being presented.
- Co-taught using various techniques such as one teach, one assist, station teaching, and supplemental teaching.

**Professional Block:** Cocalico Middle School, Denver, PA

Spring 2013

- Observed a general 6<sup>th</sup>-8<sup>th</sup> grade Technology Education classroom where students used design to learn distinct woodworking, energy, and pattern development processes.
- Taught demonstrations on different techniques in wood technology.
- Planned and implemented a lesson on polymer technology where students engaged in problem solving and new materials.

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**Sophomore Block:** McCaskey East High School, Lancaster, PA

Fall 2010

- Observed a 9<sup>th</sup>-12<sup>th</sup> grade Special Education classroom where the student performed necessary tasks to increase their technical skills for future employment.
- Assisted students with questions while they were working on tasks.

**Special Education Experience:** Conestoga Valley High School, Conestoga, PA      Spring 2011

- Planned and implemented a manufacturing lesson with a group of peers for students with intellectual disabilities to gain experience with different tools and techniques.
- Developed and taught a mini mathematics lesson on counting change independently during manufacturing lesson.

## Work Experience

**Individual Tutor**

2012-2013

Millersville University, Millersville, PA

- Tutored individual students in technology courses such as Energy, Power, and Transportation and Electronic Systems.
- Managed multiple students by planning instruction, helping them with better note taking strategies and studying techniques, and provided assistance during laboratory activities.

**Summer Information Technology Intern**

2009-2013

Pennridge School District, Perkasie, PA

- Solved technical issues that arose on computers.
- Repaired and replaced broken technology.
- Sanitized technology and organized classrooms to prepare for the next school year.
- Trained and monitored other employees to ensure they understood what needed to be accomplished.

## Professional Memberships

Epsilon Pi Tau Honor Society, Beta Phi Chapter

2011-Current

Secretary of Beta Phi Chapter

2012-2013

International Technology and Engineering Educators Association (ITEEA)

2011-Current

Technology and Engineering Education Collegiate Association (TEECA)

2011-2013

Millersville University Chapter

National Honors Society, Pennridge High School Chapter

2007-2009