

# Johrdyn Lorden

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85257

## Education

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- May 2017 *Masters of Science, Secondary Mathematics Education, Northern Arizona University*
- Final Project
    - The Multiplicative Rule of Probability: Using Assessment and Technology
- December 2013 *Bachelor of Science, Mathematics, Arizona State University*
- Graduate of the School of Mathematics and Statistical Sciences
  - Attended Mary Lou Fulton Teachers College
  - Received Secondary Education Certification in Mathematics and Biology

## Professional Experience

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- 2019 – Present *Instructor, Arizona State University*
- Worked cooperatively with the Statistics Instructors on developing and instructing Elements of Statistics course
  - Used online program ALEKS to inform and enhance instruction
  - Created and shared fun online platforms for test reviews with coworkers
  - Taught the following courses:
    - College Mathematics
    - Calculus for Life Science Majors
    - Elements of Statistics
- 2017 – 2019 *Algebra Instructor, Gateway Early College High School, Phoenix, AZ*
- Developed and taught a mathematics curriculum such that students achieve proficiency of the Arizona state standards.
- Teach mathematics technology skills using TI graphing calculators, online graphing software, and spreadsheets.
  - Worked with students preparing to take the Accuplacer for the Community College.
  - Developed relationships and helped students manage stress while taking high school and college classes.
  - Attended AVID conference, member of AVID site team for School Development.
  - Head of the math department.
  - Mentored coworkers in PLC on using technology in the classroom.
  - Mentored coworkers in PLC on state standard understanding and curriculum development.
  - Contributed to raising the school letter grade by improving AZ merit

- pass rate amongst minority students to meet the state average.
- Raised the schools CCR score (College and Career Readiness score) by encouraging and supporting students to take college math classes.
- Taught the following courses:
  - Algebra 1
  - Algebra 2
  - Pre-Algebra
  - Precalculus
  - Logic and Puzzles (elective)

2016 – 2017

*Instructor, Coolidge High School, Coolidge, AZ*

- Increased Algebra 2 scores by 20% from the previous year as measured by Galileo Assessment System.
- Mentored coworkers in PLC on using technology in the classroom.
- Integrated use of online homework system.
- Attended Professional Development on Integrating Problem solving in the classroom.
- Attended Envoy Professional Development courses quarterly on non-verbal communication and body language in the classroom.
- Taught the following courses:
  - Algebra 2
  - Pre-Calculus

2013 – 2016

*Pre-Algebra Instructor, Imagine Superstition: College Preparatory High School, Apache Junction AZ*

- Conducted online classes for students with disabilities who could not attend classes traditionally.
- Utilized online collaboration skills to teach effectively.
- Attended Professional development quarterly on effective homework practices.
- Attended Intel teacher development course on Mathematics understanding.
- Attended Professional development course on inductive learning techniques in the classroom.
- Created and implemented Character Team including field trips to Feed My Starving Children, where the students received praise from staff on behavior.

## **Skills**

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Proficient in Microsoft Office.

Proficient in Google Suite.

Skilled at using and assisting students with online homework.

Proficient at using and creating online lessons.

Excellent Pedagogical skill and experience.

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