




Catharine Alvarez

Private School Director, Educational Consultant, Tutor

 rivendellacademyfremont.net  catharine-alvarez  rivendell.academy.fremont@gmail.com

EXPERIENCE

RIVENDELL ACADEMY OF FREMONT | DIRECTOR

October 2020 - Current | Fremont, CA

- Founder and director of Rivendell Academy, a private independent study program for home schoolers in grades K-12.
- Private tutor specializing in mathematics, chemistry, and physics.
- Educational consultant specializing in home school curriculum planning and college admissions counseling for home school students.

JOHNS HOPKINS CENTER FOR TALENTED YOUTH | DISTANCE EDUCATION

INSTRUCTOR, MATHEMATICS

January 2019 - June 2022 | Baltimore, MD (remote)

- Curriculum developer for online AP Calculus AB, AP Calculus BC, Honors Pre-Calculus, and Honors Trigonometry.
- Customized Moodle course appearance, course materials, homework, quizzes, and exams.
- Wrote and edited calculus and pre-calculus problems using LaTeX and HTML.

ONLINEG3 | MATH COACH

August 2014 - May 2015 | Eugene, OR (remote)

- Individually tutored students online using the ALEKS mathematics curriculum.

WARWICK ELEMENTARY SCHOOL | VOLUNTEER MATH LAB COORDINATOR

September 2006 - June 2008 | Fremont, CA

- Proposed, initiated, and organized the Math Wizards math enrichment program through the PTA.
- Created and taught hands-on lesson plans for 2nd and 3rd graders to explore mathematical concepts using manipulatives.

UNIVERSITY OF WISCONSIN, MADISON | LECTURER

August 1998 - January 1999 | Madison, WI

- Taught three sections of College Algebra.

POST-GRADUATE COURSEWORK

UCLA EXTENSION

- Introduction to Counseling for College Admission (2021)
- Special Issues in College Counseling (2021)
- Financial Aid Fundamentals (2022)
- Preparing Community College Students for Transfer (2022)
- Testing and Career Assessment (2022)
- The Business of College Counseling (2022)
- Implicit Bias in College Counseling (2022)

LINFIELD UNIVERSITY ONLINE AND CONTINUING EDUCATION

- Introduction to Psychology (2010)
- Lifespan Development (2010)

SKILLS

TEACHING

ONLINE EDUCATION

CURRICULUM DESIGN

COLLEGE COUNSELING

EDUCATIONAL CONSULTING

TUTORING

EDUCATION

UNIV. OF CALIFORNIA, BERKELEY

PH.D. APPLIED MATHEMATICS

May 1998 | Berkeley, CA

UCLA EXTENSION

CERTIFICATE IN COLLEGE COUNSELING

November 2022 | Online

LINFIELD UNIVERSITY

B.S. MATHEMATICS

MINOR: PHYSICS

May 1990 | McMinnville, OR

CERTIFICATIONS

CERTIFIED PROFESSIONAL TUTOR

National Tutoring Association (2020-present)

SECURITY+ CE CERTIFIED

CompTIA (2022-present)

CHILD PASSENGER SAFETY TECHNICIAN

Safe Kids Worldwide (2018-present)