

DAVID A. MAZUR

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OBJECTIVE: Employment as a one on one or group tutor or instructor of:
High or Upper School level Algebra 1 and 2, PreCalculus, Geometry, and/or AP Calculus AB/BC,
Middle School level PreAlgebra and/or Algebra 1
College level Algebra, Calculus 1 and/or Calculus 2

SUMMARY:

- Trained and experienced in teaching mathematics
- Common Core State Standards familiarity
- Experience working in industry

PHILOSOPHY OF EDUCATION

- The focus of an educator's responsibility is not to teach, but rather for students to learn.
- K-12 student learning should include gaining understanding of how to use and apply knowledge, preparation for future learning, expansion of options for the future, and preparation for life.

EXPERIENCE TEACHING

TUTORING the following within 2014 to present

- Algebra 1 and Algebra 2
- Precalculus
- Trigonometry, in context of Algebra 2 and Precalculus
- SAT Mathematics preparation
- Calculus, AP-AB, and second semester of College Calculus

H. C. WILCOX TECHNICAL HIGH SCHOOL, Meriden, CT, 2012-2013

- Teaching Algebra 2 and Algebra 1

TEACHER SUBSTITUTE, Guilford Public Schools, Clinton Public Schools, North Branford Public Schools, and Kelly Educational Staffing (Hamden, East Haven, Branford Public Schools), 2011-2012

OXFORD ACADEMY, Westbrook, CT, 2009-2011

Teaching in a one to one student to teacher ratio per class for up to 8 classes at a time.

- Teaching Calculus, Precalculus, Algebra 2, and Algebra 1
- Holistic Curriculum Committee

HILL REGIONAL CAREER HIGH SCHOOL, New Haven, CT, 2005-2008

- Teaching Precalculus, SAT Math Review, Honors Algebra 1 and College Algebra 1
- Technology Committee
- NEASC Community Committee

ELISABETH C. ADAMS MIDDLE SCHOOL, Guilford, CT, 2005

UNDER SCSU STUDENT TEACHING

- Teaching Prealgebra and Geometry

UNIVERSITY EDUCATION

SOUTHERN CONNECTICUT STATE UNIVERSITY (SCSU), New Haven, CT

- Secondary School Mathematics Teacher Certification, graduate program, 40 credits, 2005
- (13 graduate course credits plus 27 undergraduate course credits)
- Mathematics-Topology, graduate course, 3 credits, 2011
- Classroom Group Processes With Exceptional Children [special needs], graduate course, 3 credits, 2008
- Teaching Mathematics to Accelerated Students and Low Achievers, graduate course, 3 credits, 2012

UNIVERSITY OF NEW HAVEN (UNH), West Haven, CT

- Curriculum Design, graduate course, 3 credits, 2009
- Principles of Classroom Management, graduate course, 3 credits, 2009
- Teaching Strategies in Mathematics, graduate course, 3 credits, 2008

UNIVERSITY OF CONNECTICUT (UConn), Storrs, CT

- B.S. Electrical Engineering, 138 credits, 1972

DAVID A. MAZUR (continued)

TECHNOLOGY AND SOFTWARE SKILLS

- TI-84 and TI-89 graphing calculators, Geometer's Sketchpad, Interactive White Board.
- Microsoft Power Point, Microsoft Excel, Microsoft Word
- Developed a website for student access to grades, assignments and resources

EXPERIENCE WITH CHILDREN OTHER THAN TEACHING

- Music leader and staff assistant at Camp Joy, circa 1986-1995
Camp Joy operated one week each August, serving children, and some adults, with disabilities.

EXPERIENCE IN OCCUPATIONS OTHER THAN TEACHING

EDWARDS SYSTEMS TECHNOLOGY (EST), Cheshire, CT, and predecessor organizations, 1988-2003
Manufacturer and marketer of electrical signaling appliances, fire alarm systems, and other products.

Agency Liaison Engineer:

Served as liaison to national and international certifying/standards agencies

Underwriter's Laboratories (UL), Factory Mutual (FM), Mine Safety and Health Administration (MSHA), Canadian Standards Association (CSA), Underwriters Laboratories of Canada (ULC), TÜV-Rheinland and TÜV-America (both TÜV organizations being USA located branches of German based testing organizations).

- Provided guidance and information regarding these agencies' design and test requirements.
- Reviewed new product design and specification modifications for compliance to agencies' requirements.
- Resolved conflicts between the agencies' product certifications and EST's production or needs.
- Reviewed, for comment and communication, proposed revisions to the agencies' standards.
- Maintained the agencies' description files for EST products.
- Interfaced between certifying/standards agencies and EST's staff to establish and/or maintain the agencies' certification of new or modified EST product, providing the agencies with comparative and/or technical information as applicable to enable waiving of certain tests toward goal of reducing investigation costs.

U S ELECTRICAL MOTORS DIV. (USEM), Emerson Electric Co., Milford, CT, 1972-1987

Manufacturer of electrical motors, gears and drives.

Application Engineer, 1987

- Applied and modified standard designs to customers' special needs.

Sr. Product Engineer (agency liaison), 1979-1986

- Served as liaison to certifying/standards agencies UL, CSA, FM, and NFPA, performing the same activities and functions detailed above for "Agency Liaison Engineer" under EDWARDS SYSTEMS TECHNOLOGY.

Special Contribution:

Prevented unnecessary product restriction and re-test for hazardous locations electrical motor industry, using written communication and in person presentation to the relevant National Electrical Code (NEC) committee.

Marketing Services Supervisor, Large Apparatus Orders, 1976-1979

- Supervised personnel and function of order processing and performed tasks of Marketing Services Specialist, Large Apparatus Orders (defined below).

Marketing Services Specialist, Large Apparatus Orders, 1975-1976

- Audited price vs. specifications and coordinated resolutions of price vs. specifications conflicts.

Inside Sales Engineer, 1972-1974

- Serviced Outside Sales and customers by providing technical support and pricing information, entering and expediting orders and resolving customer's needs.

PROFESSIONAL AFFILIATIONS FOR AREAS OTHER THAN TEACHING

- UL's Standards Technical Panel for Signaling, Audible Signaling Appliance Standard, 2002-2003
- UL's Ad Hoc Committee for Zone Classified Hazardous Locations, 1995
- UL's Ad Hoc Committee for Electrical Equipment used in Hazardous Locations, 1995
- UL's Industry Advisory Conference for Notification Appliances, 1994
- CSA subcommittee for Motors and Generators For Use In Hazardous Locations Standard, 1985-1986