

**DAVID A. MAZUR**

Math Tutor for Southern-Central CT  
In person at your location, or online.

**Website:** <http://www.math-tutor-ct.net>

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**OBJECTIVE: Tutoring one-on-one or to a group:**

High or Upper School level Algebra 1 and 2,  
PreCalculus, Geometry, and Calculus AB/BC  
Middle School level PreAlgebra and Algebra 1  
College level Algebra, Calculus 1 and Calculus 2  
Mathematics preparation for SAT/ACT, SSAT, or PRAXIS

**SUMMARY:** Trained mathematics teacher with teaching experience,  
and with 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**, 2014-present

- Precalculus
- Algebra 1 and 2
- Geometry
- Calculus, 1st and 2nd semester College Calculus, secondary school AP Calculus AB,
- Mathematics preparation for SAT/ACT (college entrance) and SSAT (non-public secondary school entrance)

**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

**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), Underwriters Laboratories of Canada (ULC), Canadian Standards Association (CSA), National Fire Protection Association (NFPA), Mine Safety and Health Administration (MSHA), Factory Mutual (FM), 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 to reduce 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