

Theodore (Ted) R. Brouillette

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EDUCATION

M.S., Nuclear Physics, University of Michigan
A.M., Mathematics, Astronomy Minor, University of Michigan
Thesis Title: “Application of Television to Astronomy”
B.M.E., I.E. Option, 5-year program, University of Minnesota

TEACHING EXPERIENCE

- **Consultants’ Clearinghouse, Minnetonka, MN.** Owner of engineering consulting business. Currently tutoring students in geometry, pre-calculus and discrete mathematics, as well as college-level freshman physics and high school chemistry.
- **A+ Tutoring Service, Ltd., Twin Cities Area, MN:** Currently tutoring high school and college-level mathematics, physics, astronomy and chemistry to students of diverse backgrounds and learning levels. Also prepare students for the math and science portions of the ACT and SAT.
- **Club Z Tutoring, Twin Cities Area, MN:** Tutoring ACT Prep, geometry, pre-calculus, algebra.
- **Blake Schools, Minneapolis, MN.** Substitute in AP physics, 2004.
- **Breck Schools, Minneapolis, MN.** Substitute in algebra I and geometry I. 2003.
- **Inver Hills Community College, Inver Grove Heights, MN.** Summer 2003. Taught freshman-level descriptive astronomy, including recitation and labs.
- **Minnetonka Community Education and Services, Minnetonka, MN.** Tutored high school chemistry, physical science and math.
- **Perpich Center for Arts Education, Golden Valley, MN.** Substitute teacher in math and science.
- **Advantage Education, Inc., Twin Cities Area, MN:** Taught numerous ACT (reading, English, science and mathematics) and SAT preparation courses, both mathematics and verbal, in many high schools throughout the Twin City Area for several years.
- **Normandale Community College, Bloomington, MN:** Taught calculus-based engineering physics II (plus six labs) and astronomy I.

- **National College, Minneapolis, MN:** Taught algebra II and calculus II.
- **LaSalle College, Philadelphia, PA:** Taught differential calculus and calculus-based general physics labs.
- **Community College of Philadelphia, PA:** Taught culturally oriented historical physics (3 labs) and non-calculus-based liberal arts first-year physics. Taught calculus II. Also taught world materials engineering (energy course for scientifically oriented liberal arts students) to a culturally diverse student body.
- **Clinton Community College, Clinton, IA:** Taught college-level freshman mathematics and sophomore physics sequences.
- **Corbett College, Crookston, MN:** Taught freshman mathematics and review course in high school algebra. Taught freshman-level college chemistry and sophomore-level physical science course for non-science majors.
- **Wayne County Community College, Detroit, MI:** Taught elementary college courses in mathematics, astronomy and psychology to a culturally diverse student body.
- **University of Michigan, Ann Arbor, MI:** Teaching fellowship in physics department. Taught senior- and graduate-level optics laboratories.
- **University of Minnesota, Minneapolis, MN:** Teaching assistantship, astronomy department. Taught elementary astronomy (labs and recitation).

INDUSTRIAL EXPERIENCE

Thirty-five years experience in research and development in the aerospace, nuclear power, defense and related industries.