

Elliot D. Rappaport
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Licenses, Degrees, and Certifications:

- US Merchant Mariner's License: Master of vessels to 1600 tons, any ocean.
- MST, Earth & Physical Science Education, The University of Maine, 2007
- Maine State Teacher's Certification, 7-12 physical science
- BA, Oberlin College, 1986
- Wilderness Emergency Medical Technician (WEMT)

Employment History and Experience:

***2002-Present: Associate Professor of Nautical Science
The Sea Education Association (SEA), Woods Hole, MA.***

Ship captain and lecturer in nautical science for high school, and post-secondary sail training programs. Instructor for USCG-approved courses in Basic Safety Training (BST) and Bridge Resource Management. SEA (www.sea.edu) is an accredited, independent institution that operates field programs in marine and environmental studies in the Atlantic and Pacific Oceans. Programs generally are a semester in length, and combine classroom instruction with oceanographic research cruises aboard one of two sailing school ships. In addition to teaching, the captain is responsible for vessel operation, maintenance, crew training, and voyage planning. Currently part of a team of SEA faculty working to develop interdisciplinary STEM teaching modules under a 2-year grant from the Davis Educational Foundation.

***Spring 2012: Adjunct Instructor of Mathematics
Southern Maine Community College***

Instructor for one section of "Developmental Mathematics", a basic mathematics course designed for matriculating students who have not met the math placement requirements. Registrants in this course were a diverse population, and meeting their needs required instructors to accommodate a range of learning styles.

***2005-2007: Graduate Degree Candidate/Teaching Assistant
The University of Maine.***

Instructor of undergraduate laboratory and classroom courses in physics, earth science, and mathematics during fulfillment of requirements for an MS in science education. In addition to graduate course work in physics, earth science, and pedagogy, this degree program included one semester of student teaching in a 9-12 science classroom, and the completion of a research thesis: "Understanding Weather: Phase Changes of Water in the Atmosphere".

***1992-2001: Master of Small Craft, Adjunct Faculty in Nautical Science
Maine Maritime Academy (MMA)***

Instructor of navigation, meteorology, sailing, and seamanship, and director of a training program based aboard the schooner *Bowdoin*, a traditionally rigged sailing school vessel. Courses included training for cadets enrolled at MMA, and extension programs for high school students and adults. Responsibilities included operations, crew training, maintenance, and curriculum development. MMA is an accredited four-year college of marine transportation, engineering, and oceanography.

References:

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