



# POLYMER SCIENCE & ENGINEERING

www.pse.umass.edu

SPRING 2013

SPECIAL TOPICS COURSE

University of Massachusetts Amherst

**PSE 797D**

**Scientific and Engineering Management**

**Meeting Pattern:** Fridays 10:30 to 12:00

First Class: Friday, February 1, 2013

**Facility:** Conte A110

**Credits:** 1

**Instructors:** Professor Crosby  
Professor Tew  
Professor Watkins

**Course Description:**

This course deals with the challenges and issues of managing a group of scientists – in industry or academia. Although many of you are being successfully trained as scientists and engineers, graduate school should also begin your preparation as a manager or advisor. These are the positions that many of you will assume over the next several years. As you'll learn through this course, a successful career in science and engineering relies on many skills that are not related to your ability in the laboratory. We will discuss topics such as proposal writing, lab management, communication strategies, and mentoring. Our coverage of these topics in this initial course will not be deep, but it will be broad and insightful.

<u>Professor Crosby</u>	<u>Professor Tew</u>	<u>Professor Watkins</u>
Office: Conte A313 Phone: 577-1313 Email: <a href="mailto:crosby@mail.pse.umass.edu">crosby@mail.pse.umass.edu</a>	Office: Conte A617 Phone: 577-1612 Email: <a href="mailto:tew@mail.pse.umass.edu">tew@mail.pse.umass.edu</a>	Office: Conte A616 Phone: 545-2569 Email: <a href="mailto:watkins@polysci.umass.edu">watkins@polysci.umass.edu</a>