

space availability for study groups as of 03/30/2016 01:00PM

Go to <http://www.esc.edu/myesc> to register

Online Study Groups

Everyday Science 4 cr with Ralph Mitchell

spaces avail **11**

Intro/Liberal

fulfills SUNY gen. ed. req | Natural Sciences - fully

** Online Study Group **

Here is a chance to fulfill your Natural Sciences general education requirement from the comfort of your own home. This study will be conducted entirely online. What is free fall? How do sonograms work? What do compact discs and lasers have in common? How are microwave ovens and chemical bonds related? What is acid rain? How are Earth's motions and ice ages related? What causes earthquakes and tsunamis? You will be able to answer these everyday science questions and others while taking this online participatory study group. This study will provide a general survey of general science including chemistry, physics, astronomy and earth science. Participants in this study group will be able to use this knowledge of science to make informed decisions at work and at home. The group is intended for students whose concentrations are in areas other than science, but who desire a study such as this to support or add to their degree program plans. Some knowledge of first-level college mathematics would be useful, but this is primarily a study of basic science principles. Students will cover a range of topics including the laws of motion, simple machines, solar energy, lasers, the solar system, rocks and minerals, and chemical reactions. Students will read portions of a standard text in science, solve a selection of problems and exercises in each of the chapters covered, and submit their work via email to the instructor for review. Students will interact with other students and with the instructor using a dedicated web site set up by the instructor for discussions and questions on the material being covered. The web site will include study announcements, assignments and requirements, and responses to questions from the instructor and from other student participants. The instructor will contact students by email at the beginning of the term.

Research Theory Design and Methods 4 cr with Gary Lacy

spaces avail **14**

Intro/Non-Liberal

** Online Study Group **

This research study provides students with core knowledge and skills for understanding, analyzing, and designing research at the graduate level. Students explore the philosophy of science, the importance of theory in research, and research processes. Quantitative, qualitative, and mixed method research designs and methods are introduced. Ethical and social change implications of conducting research, producing knowledge, and engaging in scholarship are emphasized. Students will apply and synthesize their knowledge and skills by developing elements of simple research plans.

Spirituality over a Lifetime 4 cr with Stacey Gallagher

spaces avail **9**

Intro and Adv./Liberal

fulfills SUNY gen. ed. req | Humanities - fully

** Online Study Group **

Students will explore spiritual practices celebrated over a lifetime and read religious stories (sacred writings, fiction, creative non-fiction) that reflect values of particular spiritual or religious groups and individuals and that serve to inspire and challenge people of all spiritual and religious traditions.