

## E100 section 4: Special Topics in Engineering and Applied Science: Integrated Core Curriculum Design and Implementation

Units 0-0-3

Instructor P. Asimow

In preparation for teaching an integrated first-year core curriculum — that will cover physics, chemistry, mathematics, biology, earth science, and humanities with emphasis on the connections among these areas — students interested in potentially being teaching assistants next year are sought to participate this Spring in the design and testing of curricular materials, especially laboratory exercises. Upperclass undergrads and graduate students enrolled in this section will gain experience in integrated STEM teaching principles as well as practical lab course implementation. For graduate students, this course will fulfill “apply” points for the CTLO Certificate of Practice in University Teaching.