COURSE DESCRIPTION

Often, when we think of science, we think of increasing knowledge. However, much interesting work has been done to discover what the limits of our knowledge are, and that is what we explore in this class. Often these limitations are tied up with paradoxes, and we explore a number of paradoxes as well. This class is a survey of these limitations and paradoxes.

We will be exploring limitations and paradoxes that involve: logic, set theory, evidence, computer science, philosophy, semantics, physics, and the infinite. Special emphasis will be placed on the general concept of knowledge, logic, and the logic of knowledge.

For more information, please contact Prof. Steinsvold: steinsvold1@verizon.net.