This course will introduce the basic concepts of engineering economy, e.g., the time value of money, life cycle costs and economic metrics. We will explore their application to business with a specific focus on energy. The course will make use of examples, problems, and case studies from business and the conventional and renewable energy industries to illustrate and explain the economic concepts and decision making.

Course instructor: Richard Sears, Adjunct Professor, ERE

33 years at Royal Dutch Shell (retired) as Geophysicist, Economist, Planner, Vice President Deepwater Exploration and Development

Visiting Scientist, Massachusetts Institute of Technology, MIT Energy Initiative

Chief Scientist, National Commission on the BP Deepwater Horizon Oil Spill and Offshore Drilling