



GEOHERMAL SYSTEMS FOR HEAT AND POWER

Course Number	RE 127
Course Name	GEOHERMAL SYSTEMS FOR HEAT AND POWER
Credit Value (Breakdown of theory and lab credits)	4, 2T+2S
Catalog Course Description	You will discuss the full range of geothermal systems, from their origins and uses to how geothermal energy can provide industrial process heat and electrical energy. Classes will take place on- and off-campus. <i>Prerequisite:</i> RE 103. (4, 2T+2S)
Student Learning Outcomes/Objectives /Competencies of the Course	<ul style="list-style-type: none"> • Identify the fundamental physical characteristics and processes in geothermal systems • Differentiate between types of geothermal resources and their location • Distinguish between the different types of geothermal technologies and appropriate uses of them • Identify economic costs and benefits of geothermal energy exploitation • Identify environmental costs and benefits of geothermal energy exploitation
College-Wide Student Learning Outcomes	Cultural Competence