



Course Number Course Name	325 PRINCIPLES OF PHYSICAL HYDROLOGY
Credit Value (Breakdown of theory and lab credits)	3 Theory
Catalog Course Description	In this course, you will be exposed to a qualitative introduction to the dynamics of watersheds and groundwater flow from an intuitive perspective, laying the foundations for understanding the physical mechanisms by which water is transported throughout a hydrologic system.
Student Learning Outcomes/Objectives /Competencies of the Course	<ol style="list-style-type: none"> 1. Learn concepts and physical principles of water flow as well as techniques to solve hydrologic problems 2. Understand how to quantify the exchange and rates between atmosphere, oceans, and land masses. 3. A balanced view of hydrology that includes a coherent presentation of the theories and techniques that are used in practice.
College-Wide Student Learning Outcomes	<ol style="list-style-type: none"> 1. <i>Critical Thought</i> <i>Critical Thought will be assessed by testing of concepts related to Physical Hydrology.</i>