

## **CVE 405: HYDROLOGY FOR ENGINEERS (2 Units)**

hydrologic circle. History of hydrology, scope and application of hydrology, climatic measurements, precipitation and precipitation analysis; analysis of hydrologic data including statistical inferences; infiltration, evaporation and evapotranspiration. Runoff and hydrograph analysis; stream and reservoir routing. Ground water analysis including well hydraulics; Design criteria for hydraulic projects.