PHY 439: Gravity and Magnetic Methods  2 Units

Department of PHYSICS

Covenant University
1. PHY439

1.1. PHY 439: Gravity and Magnetic Methods  2 Units

Prerequisite: PHY 217, PHY226 & PHY 227

Gravity methods: potential field theory, rock densities, field instruments, data acquisition, corrections and enhancement, analysis and interpretation of gravity data, and application of gravity methods in geophysics; Magnetic methods: basic theory, magnetic properties of rocks and soils, field instruments, magnetic data acquisition, corrections, enhancement and interpretation, applications of magnetic methods in geophysics.