

**Course Name: Highway Engineering Lab.**

**Course Number:** 110401467

**Prerequisite:** 110401466\*

**Course Description:**

Tests on asphalt binders include: penetration, softening and flash points, ductility, viscosity, and specific gravity; Tests on subgrade soils include: CBR test, Test on aggregate include: sieve analysis, specific gravity, absorption, aggregate blending, Tests on hot mix asphalts include: Marshall mix design, extraction, skid resistance.