

## **MTH 307 REAL ANALYSIS II: (3 Units) (L30: P0: T 15)**

### **Pre-requisite - MTH 207**

Riemann integral of functions  $\mathbb{R} \rightarrow \mathbb{R}$ , continuous nonnegative functions. Functions of bounded variation. The Riemann-Stieltjes integral. Pointwise and uniform convergence of sequences and series of functions  $\mathbb{R} \rightarrow \mathbb{R}$ . Effects on limits (sums) when the functions are continuous, differentiable or Riemann integrable power series.