**Applied Stochastic Processes (MATH-437 / MATH 535)**

**Credit Hours:** 3

**Course Pre-Requisites:** Probability (MATH 230) AND Linear Algebra with Differential Equations (MATH 120)

**Instructor:** Adnan Khan

**Schedule:** Monday to Friday (9.30 AM - 11.30 AM)

**Course Description:** This is a first course in Stochastic Processes. The applications will be drawn from Finance, Physics, Biology and Medicine. A key component of the course will be the homework, where both theoretical and computational problems will be assigned. These would be integral to understanding the material discussed in class