**DSC 572: Project Management 3 (3 + 0)**

Examines the organization, planning, and controlling of projects and provides practical knowledge on managing project scope, schedule and resources. Topics include project life cycle, work breakdown structure and Gantt charts, network diagrams, scheduling techniques using the Critical Path Method (CPM) and the Program Evaluation and Review Technique (PERT) and resource allocation decisions. Concepts are applied through team projects and tutorials using project management software.

**Reference Books:**

**Introduction to Management Science by Bernard W. Taylor**

**Publisher: Prentice Hall. Latest Edition.**

**Krajewski Lee J., Ritzman Larry P., and Malhotra Manoj, Operations Management, Processes and Value Chains.**

**Publisher: Pearson, Latest Edition.**

**Project Management by Jeffrey K. Pinto**

**Publisher: Pearson. Second Edition.**