

## ☐ **Topical Outline**

### ❖ **Week 1**

July 2 (Mon) : Introduction

July 3 (Tue) : Pharmacokinetics and Pharmacodynamics

July 4 (Wed): Biomaterials for Drug Delivery System (DDS) I

July 5 (Thr): Biomaterials for Drug delivery System (DDS) II

July 6 (Fri): DDS I –Prodrugs and Macromolecular delivery system

DDS II-Controlled Release System

### ❖ **Week 2**

July 9 (Mon) : DDS III- Target-specific Delivery System,

Review

July 10 (Tue): Mid Exam

July 11 (Wed): DDS-IV: Particulate Delivery System

July 12 (Thr): Drug Delivery in Gastrointestinal Tract

July 13 (Fri): Protein Drug Delivery

### ❖ **Week 3**

July 16 (Mon): Gene Therapy

July 17 (Tue) : Drug and Gene Delivery in Tissue Engineering

July 18 (Wed) : Review

July 19 (Thr) : Journal presentation

July 20 (Fri): Final Exam