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Nota di contenuto	Chapter 1: Essential Pharmaceuticals in the Flipped-Classroom. - Chapter 2: Overview of Biopharmaceutics and Regulatory Concepts Relevant to Drug Product Design -- Chapter 3: Preformulation in Drug Product Design -- Chapter 4: Capsule and Tablet Dosage Forms -- Chapter 5: Modified Release Solid Oral Dosage Forms -- Chapter 6: Solution-Based Dosage Forms and Sterile Products -- Chapter 7: Disperse Systems – Suspensions -- Chapter 8: Disperse Systems – Emulsions -- Chapter 9: Ophthalmic and Otic Drug Delivery -- Chapter 10: Topical and Transdermal Drug Delivery -- Chapter 11: Oral Transmucosal Delivery -- Chapter 12: Rectal and Vaginal Drug Delivery -- Chapter 13: Pulmonary Drug Delivery -- Chapter 14: Nasal Drug Delivery -- Chapter 15: Drug Product Design and Delivery of Biologics.

Sommario/riassunto

Particularly in healthcare fields, there is a growing movement away from traditional lecture style courses towards active learning and team-based activities to improve retention of concepts and build higher level thinking through the application of complex problems with a strong foundation of facts and data. Essential Pharmaceutics is suited to this modern teaching style, and is the first book of its kind to provide the resources and skills needed for the successful implementation of an active learning basic pharmaceutics course. This text offers a format that is specifically suited for integration in an active learning, team-based classroom setting. It is ideal for self-learning for the beginning pharmaceutics student, based upon the extensive utilization of figures, tables, and its overview of essential topics in pharmaceutics. Essential Pharmaceutics provides the requisite foundational knowledge for the development and implementation of case studies based upon modern drug products.
