

Fundamentals of Reservoir Rock Properties. Chapters: 1, 2, 3, & 4 + Petroleum Production Engineering, A Computer-Assisted Approach. Chapters: 1 and 2. + محاضرات المقدمة للمرحلة الأولى.	مقدمة الى تكنولوجيا النفط	١
Thermodynamics Introduction to Chemical Engineering Thermodynamics, 8 th Ed. By Smith. Chapters: 1, 2, 3, 4, 5, 6 and 7.	ديناميك حرارة	٢
Fluid Flow Fluid Mechanics Fundamentals and Applications, by Yunus A. Çengel. Chapters: 2, 3, 5, 6, 7, 8, and 14.	جريان موانع	٣
Properties of petroleum and natural gas Characterization of Petroleum Fractions by Riazi. Chapters: 2 & 3 + محاضرات خواص النفط والغاز الطبيعي للمرحلة الثانية.	خواص النفط والغاز الطبيعي	٤
Engineering analysis Mathematical Methods in Chemical Engineering, by Jenson & Jeffreys. Chapters: 2, 3, 5, 6, 8 & 9 + محاضرات المرحلة الثالثة.	تحليلات هندسية	٥
Mass transfer Chemical Engineering Vol. 1, Vol. 2, Vol. 4 and Vol. 5 by Coulson and Richardson, Chapters: Diffusion, Absorption, Distillation, and Extraction.	انتقال مادة	٦
Petroleum refining processes محاضرات المرحلة الثالثة + Fundamentals of Petroleum Refining, 1 st Ed., By Mohamed A. Fahim, Taher A. Alsahhaf and Amal Elkilani, Chapters: 1, 4, 9 & 14.	عمليات تكرير النفط	٧
Reactor design and engineering of catalysts Chemical Reaction Engineering, 3 rd Ed., by Octave Levenspiel. Chapters: 3, 4, 5, 6, 7, 8, 9, 11, 17, 18, 21, and 22.	تصميم مفاعلات وهندسة العوامل المساعدة (المحفزات)	٨
Heat transfer Chemical Engineering Vol. 1 and Vol. 4 by Coulson and Richardson. Chapters: Heat Transfer by Conduction, Heat Transfer by Convection, Heat Transfer by Radiation & Heat Exchanger.	انتقال حرارة	٩
Special petroleum processes Fundamentals of Petroleum Refining, 1 st Ed., By Mohamed A. Fahim, Taher A. Alsahhaf and Amal Elkilani, Chapters: 1, 5, 6, 7, 8, 10, 11 & 15.	عمليات نفطية متخصصة	١٠

