课程代码（Coursenumber）  
CHEM 31B  
  
课程对象（Audience）  
Primarily for Graduates  
  
开课教师（Teacher）  
Fayer, M.; Schwartz, J.  
  
学期（Semester）  
Terms: Win, Sum  
  
课程描述（Description））  
Chemical equilibrium; acids and bases; oxidation and reduction reactions; chemical thermodynamics; kinetics. Lab. Prerequisite: 31A.  
  
课时信息（Totalhours）  
Units: 4  
  
教参信息（Textbookinfo）  
1 Chemistry: Principles, Patterns, and Applications Volume 2 (v. 2) by Bruce A. Averill and Patricia Eldredge (Paperback - Apr. 20, 2006)  
ISBN-13: 978-0805383195  
世界各地拥有馆藏的图书馆（OCLC）:36  
2 Principles of Ceramics Processing, 2nd Edition by James Stalford Reed (Hardcover - Jan. 9, 1995)  
ISBN-13: 978-0471597216  
3 Membrane Separations Technology, Volume 2: Principles and Applications (Membrane Science and Technology) by R.D. Noble and S.A. Stern (Hardcover - Jan. 31, 1995)  
ISBN-13: 978-0444816337  
4 Handbook of Chemical Vapor Deposition, 2nd Edition, Second Edition: Principles, Technology and Applications (Materials Science and Process Technology) by Hugh O. Pierson (Hardcover - Jan. 14, 2000)  
ISBN-13: 978-0815514329  
5 Fermentation and Biochemical Engineering Handbook, 2nd Ed., Second Edition: Principles, Process Design and Equipment by Henry C. Vogel and Celeste C. Haber (Hardcover - Dec. 17, 2007)  
ISBN-13: 978-0815514077  
世界各地拥有馆藏的图书馆（OCLC）:166  
6 Principles and Practice of Automatic Process Control, 2nd Edition by Carlos A. Smith and Armando B. Corripio (Hardcover - Feb. 24, 1997)  
ISBN-13: 978-0471575887  
7 Chemistry: Principles, Patterns, and Applications Volume 2 with Student Access Kit for MasteringGeneralChem... by Bruce A. Averill and Patricia Eldredge (Paperback - Apr. 30, 2006)  
ISBN-13: 978-0805382839  
8 Principles of Chemical Nomenclature: A Guide to Iupac Recommendations (IUPAC Chemical Data Series) (Bk. 2) by W. V. Metanomski (Paperback - Jan. 1998)  
ISBN-13: 978-0865426856