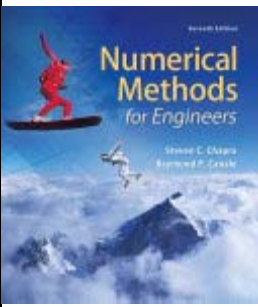
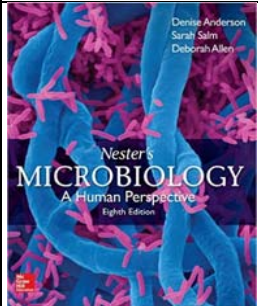
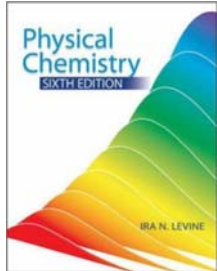
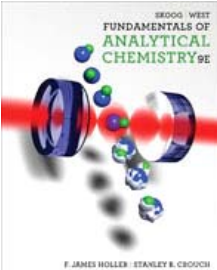



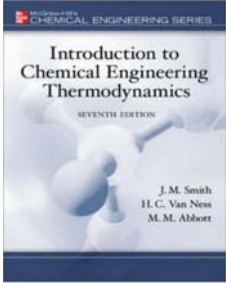
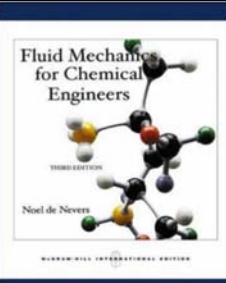
LIST OF TEXT BOOK

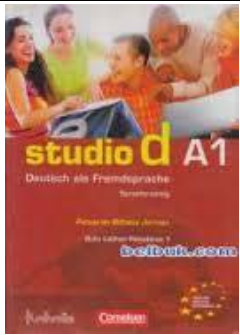
Faculty	Life Science	Date/Rev.	6 January 2017/02/SuH
Study Program	Chemical Engineering	Academic Year	2016-2017

For Semester 4

No	Book Cover	Subject	Book Title	Edition	Author	Publisher	ISBN	Price (IDR)
1	Hand out	English						-
2		Numerical Methods	Numerical Methods for Engineers,	7th	Steven Chapra, Raymond Canale	McGraw-Hill	9780073401065	352,000
3	 (Used from Sem.3)	Microbiology Laboratory	Nester's Microbiology: A Human Perspective	3 rd	Denise Anderson, Sarah Salm, Deborah Allen, Eugene Nester	McGraw-Hill	9780073522593	-

No	Book Cover	Subject	Book Title	Edition	Author	Publisher	ISBN	Price (IDR)
4	  (Used from Sem.3)	Physical and Analytical Chemistry Laboratory	(i) Physical Chemistry AND (ii) Fundamentals of Analytical Chemistry,	(i) (ii) 9 th	(i) Ira N Levine, (ii) Skoog and Wests	(i) McGraw-Hill (ii) Cengage Learning	(i) 9780072538625 (ii) 9780495558286	-
5		Heat Transfer Operations	Introduction to Heat Transfer,	5th	Incropera, DeWitt, Bergman, Lavine,	Wiley	9780470646168	470,000

No	Book Cover	Subject	Book Title	Edition	Author	Publisher	ISBN	Price (IDR)
6		Chemical Engineering Thermodynamics	Introduction to Chemical Engineering Thermodynamics	7th	JM Smith, Van Ness, MM Abbott	McGraw Hill	9780071247085	524,000
7	seelcted papers	Chemical Industrial Technology	Selected publications relevant to: (i) Pharmaceutical Industries (ii) Energy: Oil, gas and Biofuel (iii) Petrochemical Industries					-
8	 (Used from Sem3)	Fluid Mechanics and Particles II	Fluid Mechanics for Chemical Engineers	3 rd	Noel De Nevers	McGraw-Hill	978-0071238243	-
9	seelcted papers	Introduction to Industrial Biotechnology	Selected Publications covering (i) Fermentation in Food Technology, (ii) Biotechnolgy in Pharmaceutical Industries and Vaccine Industries, (iii)					-

No	Book Cover	Subject	Book Title	Edition	Author	Publisher	ISBN	Price (IDR)
			Biotechnology in waste treatment					
10		<i>Advances in Engineering Research 1</i>	To be supplied by Flying Faculty from TU Ilmenau (Germany) relevant to Topics selected					-
11	 (used from Sem. 3)	German Language	Deutsch als Fremdsprache		Studio	Katalis	9789798060625	-
Total (IDR)								1,346,000