

CHEG 251 Homework Assignment #7

Due: Friday, March 23th, 2006

1. **Fogler, 4th Edition: P7-8_A**, parts (a) – (d)
2. **Fogler, 4th Edition: P7-11_B**, parts (a) – (b)
3. **Fogler, 4th Edition: P7-13_B**, parts (a) – (b)

HONORS SUPPLEMENT:

Identify and describe an enzymatic reaction system that is employed (or has the potential for use) in Industry. What is the reaction? What is the enzyme? What is the market or use of the product? What company/s utilize this system? When was this process commercialized/discovered? How does the course lectures and Chapter 7 relate to this “real-world” process? Summarize in a 1-pg report with references.

Use whatever resources are available to you, including INSPEC, Web of Science (available thru UCONN library server, databases of research literature), Kirk-Othmer Encyclopedia of Chemical Technology (copies available in bookstacks and reference stacks in Babbage Library), Chemical and Engineering News (C&EN), or even Google.