

## CHBE 328 Kinetics Article Review – Spring 2006

Please read a quality journal article of your choice related to kinetics and/or reactor design. If you are unsure if the article content is related to kinetics and/or reactor design, make a copy of the article for me to review.

Develop a review paper in the report format described below. Use information presented in class, in the book, and information that you gather on your own to develop the discussion section of the report.

Format:

The review should contain *each* of the following:

- 1) Abstract (200 words or less),
- 2) A 2 page summary of the paper. Provide a detailed summary of the background, theory, methods, important results, and conclusions from the paper.
- 3) A 2 page discussion of your evaluation and impressions of the paper. Consider commenting on the application of the results and/or relevance to industrial problems. Compare and contrast this article to other related articles. Suggest potential improvements that would make the article better, or highlight and describe errors that you found in the paper. Be sure to justify your statements with references to other articles or your textbook.

Be thorough and concise. Type your review in double space with a maximum 4 page limit not counting the abstract. Any pages over this limit will be disregarded. Use 11 or 12 point font only.

Rough draft due Friday March 24 (15 points). I'll review these and make suggestions for improvements.

Final paper due Monday April 17 (35 points).