

**ECH 4604: Final Exam**  
Fall 2005

Develop a CHEMCAD module in Version 5.5 for the unit operation assigned to you in the table below. The format of the module should be along the lines of the modules given in the class. You can use the existing modules as a template for your module.

Name	Unit Operation
Bailey, Natalee	How to install CHEMCAD
Beard, Michael	Mixer
Blue, Kacie	CSTR using reaction kinetics
Boyd, Rogelio	Heat Exchanger
Brewer, Jared	Splitter
Cardoso, Carlos	PFR using reaction kinetics
Castro, Adirene	Tray Absorber
Charlton, Jacqueline	Distillation cost estimation
Chou, Hsiang-Yu	Flash
Cooksey, Shanann	Distillation: Short-cut calculations
Dasilva, Marilia	CSTR using Gibbs reactor
Dekloet, Annette	Packed Absorber
Dotson, Steven	VLE data
Gaffney, Ashley	Batch Reactor
Helkin, Jessica	Distillation: Tray-by-tray calculations
Lawson, Jeffrey	Flash
Lescher, Mark	Tray Absorber
Loshin, Aaron	CSTR using stoichiometry
Mitchell, Jameer	Piping network
Nnaji, Ninika	Tray Absorber
Poplin, Micah	Mixer-Settler
Richardson, Chanthea	Packed Absorber
Sellgren, Katelyn	Heat Exchanger
Stjohn, Robert	Flowsheet with recycle
Thompson, Craig	Batch Reactor
Thompson, Kimberly	Liquid-Liquid extraction
Togun, Olusegun	Piping network
Valencia, Alejandro	Flowsheet with recycle
Young, Brandon	PFR using reaction kinetics

- This final is due by Monday, December 12, 2005 at 12:00 noon (this is the scheduled date and time for the final for this course). The module should be written as a Word document and emailed to me at palanki@eng.fsu.edu. Please use your first initial and last name as the file name of your module.
- This exam is worth 2 points. If you do not turn in your module by the specified date and time, you will get a zero for this exam.