Polymer Engineering -- 150:361
Final Exam – Study Guide

Fall Term 2007
Prof. Lehman
Thursday December 20, 2007
12:00 noon

Book Sections
Chapter 5: p. 146 – 147
Chapter 8: p 321 – 339

Specific Topics
Suspension rheology
Extrusion dies
Dispersive and distributive mixing processes
Immiscible polymer blends
Breakup of particulate agglomerates
Static Mixers
Mixing in single screw extruders
Solubility parameter
Injection molding
Solidification of thermoplastics
Solidification and Curing of thermoset polymers

Equations will be provided. Bring a calculator

Note: The exam will focus almost exclusively on the material since the second hourly. BUT, there may be a question or two taken from the first two hourly exams.