Instructions: Complete the listed problems. Here ‘Section …’ refers to the textbook and ‘AHP’ refers to the Additional Homework Problems document (posted on Sakai).

For the direction fields, it is only necessary to show just enough to provide a clear sense of qualitative behavior. You may draw them via computer if preferred.

Problems:

- Section 2.1, problems 1, 4, 28, 33.
- Section 2.2, problems 7, 10, 16, 21, 30 (all parts), 31(a, b). *Note: Unless the problem asks for an ‘explicit’ solution, you may leave the solution in implicit form.*
- Section 2.3, problems 8, 10 (read example 2 for modeling context).
- Section 2.6, problem 1
- AHP 7,11