

91.420/91.543, Artificial Intelligence  
Spring 2002  
Prof. Yanco

### Assignment 5

Out: Tuesday, 5 March 2002

Due: Thursday, 14 March 2002

I recommend that you attempt these problems before Tuesday's midterm, but the assignment is not due until the class after the midterm.

**Reminder:** The midterm will be given in class on Tuesday, 12 March 2002.

*Note:* There will only be two projects in the course, due to the timing of the midterm and spring break. To account for the missing 10% of your grade, the second project will now be worth 20% of your grade (up from 15%) and the final project will be 25% of your grade (up from 20%). Please talk to me about any concerns you might have regarding this change.

Problem 1: Exercise 6.2 on p. 180 of Russell and Norvig.

Problem 2: Exercise 6.4 on p. 181 of Russell and Norvig.

Problem 3: Exercise 6.10 on p. 181 of Russell and Norvig.

Problem 4: Exercise 6.12 on p. 182 of Russell and Norvig.

Problem 5: Exercise 7.2 on p. 213-214 of Russell and Norvig.

Problem 6 (91.543): Exercise 6.16 on p. 184 of Russell and Norvig.