

**CSci 3501 Assignment 6**  
**Due Friday, October 10 in class**

**Problem 1 (8 points).** Sipser: Exercises 0.4, 0.7, 0.8 p 26.

**Problem 2 (2 points).** Sipser: Exercise 0.10 p. 27.

**Problem 3 (2 points).** Sipser: Exercise 1.3 p. 83. Additionally give two strings that the automaton accepts and two strings that it rejects.

**Problem 4 (10 points).** Sipser: Exercise 1.6 p. 84. Parts **a, d, i, m, n**. You may submit a drawing or a **printout** of JFLAP files for this problem (or a mix). Please do not send me JFLAP files by e-mail.