

Homework 11  
Critical Thinking GEA101  
Course Instructor: Dr. Michael Johnson

Instructions:

1. Describe a decision you yourself have had to make recently.
2. Conduct a problem specification: analyze the decision into acts, states, and outcomes.
3. Make a decision table.

Example:

1. Recently, you had to decide on whether or not to come to Friday's class.

2. Problem specification:

- Acts: come to class; don't come to class
- States: we learn two things that will be on the final; we learn one thing that will be on the final; we learn zero things that will be on the final. [Remember that I said on average there'd be 2 questions per week, so on any given day, we can learn between 0 and 2 relevant points.]
- Outcomes: free time, but lose 8 points on the final; free time, lose 4 points; free time, don't lose any points; no free time.

3. Decision Table

	Learn 2 Things	Learn 1 Thing	Learn 0 Things
Come to class	No free time	No free time	No free time
Don't come	Free time, but lose 8 points	Free time, but lose 4 points	Free time