

## Steps for Better Thinking: Self-Evaluation Form

Name: \_\_\_\_\_

This self-evaluation form will help you evaluate and improve your performance on assignments such as the one you completed for today's class. For each topic, circle the rating that best describes your performance on this assignment. Then provide comments or make notes about things you could do differently in the future to improve your performance.

| <b>Step 1 Identification and Discussion of Uncertainties:</b>                     |  |  |   |   |
|---|--|--|---|---|
| Did not identify any uncertainties beyond simple lack of information or knowledge | Identified one or two specific uncertainties; provided little or no discussion           | Identified a variety of specific uncertainties and explained how they affected the problem   | Identified a variety of specific uncertainties and discussed their relative importance in addressing the problem          | Not only identified a range of uncertainties, but also addressed ways to deal with them or to gain more knowledge over time |
| Comments:   |  |  |   |   |
| <b>Step 2 Own Biases and Overall Approach to Problem:</b>                         |  |  |   |   |
| Proceeded as if the goal were to find the single "correct" solution               | Proceeded as if goal were to stack up evidence and information to support own conclusion | Proceeded as if goal were to establish an unbiased, balanced view of different viewpoints; unable or reluctant to reach a conclusion | Proceeded as if goal were to efficiently reach a well-founded conclusion based on an objective evaluation of alternatives | Proceeded as if goal were to construct knowledge, to move toward better conclusions over time                               |
| Comments:   |  |  |   |   |

| <b>Step 2 Identification and Discussion of Pros and Cons:</b>                        |   |   |  |   |
|--|---|---|--|---|
| Cited some arguments directly from readings; did not describe arguments in own words | Focused on arguments in favor of own conclusion and against the other alternative | Objectively presented pros and cons, including multiple arguments in favor of each alternative                | Objectively presented pros and cons, including multiple arguments in favor of each alternative; also organized discussion to clarify most important issues | Objectively presented pros and cons, including multiple arguments in favor of each alternative; also incorporated possible future information that might influence evaluation of alternatives |
| Comments:  |   |   |  |   |
| <b>Step 3 Prioritizing Factors</b>   |   |   |  |   |
| Attempted to identify “right” answer   | Explained reasons for conclusion  | Discussed why various factors are important; unable or reluctant to identify which factors are most important | Explained trade-offs in reaching conclusion  | Explained trade-offs in reaching conclusion; addressed limitations and long term issues or potential changes  |
| Comments:  |   |   |  |   |

| <b>Step 4 Envisioning Changed Position in the Future</b>                       |   |   |   |  |
|--|---|---|---|--|
| Unable to envision change or cited possible change in experts' recommendations | Cited possible concrete change, such as proof that one alternative is better than the other | Discussed various factors that might change in the future | Discussed changes that might lead to different trade-offs in the future | Discussed changes that might lead to different trade-offs in the future; addressed how new knowledge might be acquired |
| Comments:  |   |   |   |  |