

## Outcome 9: Knowledge of contemporary issues Performance Criteria Scoring Rubrics

Course: \_\_\_\_\_

Semester taught: \_\_\_\_\_

Type of Student Work Used for Assessment  
(e.g., Homework #4, Exam #2 problem 3, final project): \_\_\_\_\_

Number of students in course: \_\_\_\_\_

Number of students sampled: \_\_\_\_\_

Rating Scale Element	0	Needs Improvement	1	2	Meets Expectations	3	4	Exceeds Expectations	5	N/A
<b>Ability to address current events in the engineering discipline or in society</b>		Simply lists and describes major disciplinary and societal issues (climate change, renewables, bioenergy, nuclear waste, environment, etc.)			Interprets a specific engineering solution or scenario relative to one or more of these key issues; illustrates by example possible implications			Evaluates alternative engineering solutions or scenarios using socio-economic measures (quality of life, global ramifications, etc.)		
<b>Informed about the current job market</b>		Lists and describes main career choices for chemical engineers			Gathers information on career options to identify possible career choices and/or to prepare for interviews			Compares and critically evaluates career choices in context of own interests and talents; makes informed decisions		