



Ethics, Safety, Society, Environment Assessment Rubric

Course No.: CHEN4470 Process Design Practice Date: _____

Team/Student: _____ Reviewer: _____

Topic (Weight)	Unacceptable (0)	Marginal (1)	Acceptable (2)	Exceptional (3)	Points
Professional Integrity & Ethical Decision Making (1)	← No evidence of any appreciation and/or understanding of professional integrity and/or ethics. Incapable of answering any questions on the subject.	← Serious deficiencies in appreciation and/or understanding of professional integrity and/or ethics. Only rudimentary questions are answered. Not able to elaborate or explain.	← Sound understanding of and mostly effective in addressing issues related to integrity and ethics. Most decisions and recommendations are supported and can be justified. Some elaboration and explanations given.	← Clear and complete understanding of and effective in addressing issues related to integrity and ethics. Decisions and recommendations are supported and discussed along with elaboration and explanation.	
Safety & Health Issues (1)	← No understanding or appreciation of safety and health related issues.	← Serious deficiencies in addressing health and safety issues leading to a unsupported and/or infeasible result.	← Sound understanding of health and safety issues. Mostly effective in achieving supported results.	← Complete understanding of health and safety issues leading to sound and supported results.	
Environmental Aspects (1)	← No understanding or appreciation of the importance of environmental concerns.	← Environmental aspects are addressed ineffectively with little or no effect on end results.	← Sound understanding of environmental aspects. Mostly effective in addressing environmental issues.	← Complete understanding of environmental aspects. Effective in addressing of environmental issues leading to a better result.	
Public Interest & Societal Impact (1)	← No consideration of public interest or societal impact. None or erroneous evaluation of global effects of engineering project/product.	← Serious deficiencies in understanding public interest and/or societal impact. Ineffective evaluation of impact of engineering project/product adversely affects result.	← Sound understanding of public interest and societal impact. Mostly effective evaluation of engineering project/product impact leads to improved results.	← Complete understanding of public interest and societal impact. Effective assessment of engineering project/product impact support and explain results.	



OVERALL PERFORMANCE	← Unacceptable	← Marginal	← Acceptable	← Exceptional	TOTAL
POINTS REQUIRED	0-3	4-6	7-9	10-12	