

Student Outcomes: Graduates will demonstrate:

(f) an understanding of professional and ethical responsibility

(g) An ability to communicate effectively

(j) a knowledge of contemporary issues

Target courses: ELEC 3040 (ELEC majors)/ELEC 3050 (ECPE majors) – Ethics case study paper.

		Rubric			
		Unsatisfactory	Developing	Meets expectations	Exceeds expectations
Performance Indicators	Has knowledge of the IEEE Code of Ethics	Unaware of existence of the Code, cannot discuss elements of the Code.	Aware of, and can discuss some aspects of the Code, but incompletely or inappropriately.	Aware of, and can identify and discuss how to apply the Code to practice.	Provides unique insights in the application of the Code to practice.
	Can recognize an ethical dilemma	Unable to recognize a situation as an ethical dilemma.	Recognizes only some obvious situations that pose ethical dilemmas; unable to recognize others.	Recognizes most situations that pose ethical dilemmas.	Recognizes any situation that poses an ethical dilemma.
	Can identify and explain the conflicts in an ethical dilemma	Unable to explain any issues involved in an ethical dilemma.	Explains some conflicting issues, but incompletely or inappropriately.	Adequately explains the conflicting issues involved in an ethical dilemma.	Provides unique insights into the issues involved in an ethical dilemma.
	Can discuss possible solutions to an ethical dilemma	Unable to offer possible solutions to an ethical dilemma.	Offers solutions, but may not be appropriate or applicable for a particular ethical dilemma.	Offers and explains at least one reasonable solution to an ethical dilemma.	Offers multiple solutions to an ethical dilemma, and discusses tradeoffs.
	Ability to see relevance of contemporary socio-economic or political concerns to engineering design decisions.	Unable to discuss any appropriate contemporary issues in the report	Able to discuss some contemporary issues in a meaningful way, but incompletely or in a way that does not directly relate these issues to the topic of the report.	Able to identify and discuss appropriate contemporary issues as they relate to the topic of the report.	Able to demonstrate unique insight into all the relevant contemporary issues related to the topic of the report, as well as issues that may be only tangentially related.

Above Rubrics: _____ (out of 20)

Quality of Writing: _____ (out of 5)

Total Score: _____ (out of 25)