

Rubric for ABET Student Outcome 4: Ethics

Adapted from Sindelar, M., Shuman, L., Besterfield-Sacre, M., Miller, R., Mitcham, C., Olds, B., Pinkus, R., and Wolfe, H. (2003) Assessing Engineering Students' Abilities to Resolve Ethical Dilemmas, Proceedings, 33rd ASEE/IEEE Frontiers in Education Conference, Boulder, Colorado, November 5-8, 2003.

Evaluators are encouraged to assign a zero to any work sample that does not meet benchmark (cell one) level performance.

	Above Proficient 3	Proficient 2	Below Proficient 1
Recognition of Dilemma	Student clearly identifies and frames key ethical dilemmas. Student grasps that a dilemma has opposing alternatives that must be reconciled.	Student identifies and frames key ethical dilemmas, but does not recognize need to reconcile opposing alternatives.	Student fails to recognize the problem or identifies a single dilemma without recognizing others.
Perspective	Student conveys a global view of the situation, considering the perspectives of the employer, the profession, society, and the protagonist of the case.	Student acknowledges multiple points of view, perhaps articulating the case from multiple points of view.	Student has a wandering focus indicating a lack of perspective or articulates only a single point of view.
Resolution	Student considers potential risk and/or public safety, and proposes a creative middle ground (win-win).	Student's resolution considers potential risk to the public and/or safety, and other stakeholders.	Cited only rules as the resolution, even when used out of context without attention to the unique circumstances of the situation.