

EE/CprE 491
Reflection #3
Sgordon4

Original Table

Table 1. The seven areas of professional responsibility in the assessment instrument

Area of responsibility	Definition	NSPE Canon
Work Competence	Perform work of high quality, integrity, timeliness, and professional competence.	Perform services only in areas of their competence; Avoid deceptive acts.
Financial Responsibility	Deliver products and services of realizable value and at reasonable costs.	Act for each employer or client as faithful agents or trustees.
Communication Honesty	Report work truthfully, without deception, and understandable to stakeholders.	Issue public statements only in an objective and truthful manner; Avoid deceptive acts.
Health, Safety, Well-Being	Minimize risks to safety, health, and well-being of stakeholders.	Hold paramount the safety, health, and welfare of the public.
Property Ownership	Respect property, ideas, and information of clients and others.	Act for each employer or client as faithful agents or trustees.
Sustainability	Protect environment and natural resources locally and globally.	
Social Responsibility	Produce products and services that benefit society and communities.	Conduct themselves honorably, responsibly, ethically, and lawfully so as to enhance the honor, reputation, and usefulness of the profession.

Q1)

Area of Responsibility	IEEE Code Of Ethics	My Definition	Difference
Work Competence	3 and 6	Only undertake work if qualified, and perform it to the best of your ability.	No difference.
Financial Responsibility		Don't waste time or money, especially on busy work.	N/A
Communication Honesty	2	Be truthful and up-front. Do not deceive others.	No difference.
Health, Safety, Well-Being	1	Ensure safety is held paramount, and any risks are disclosed.	IEEE goes more into depth of the responsibilities.
Property Ownership	7, 9, and 10	Respect the property of others, and avoid injuring or discrediting it.	IEEE maintains one should treat criticism as a type of property as well.
Sustainability	1	Protect global resources, and ensure future generations understand their responsibilities.	N/A
Social Responsibility	4, 5, and 8	Conduct honest business, and work for the betterment of all.	No difference.

Q2)

Area of Responsibility	Importance
Work Competence	High: All work to be put out into the world deserves the utmost care from start to completion.
Financial Responsibility	Medium: With the time allotted and the low budget required, there is little worry of breaching this objective.
Communication Honesty	Medium: Disagreements should be resolved swiftly, but small conflicts of interest will not be project-halting.
Health, Safety, Well-Being	Low: There is little danger associated with the project.
Property Ownership	High: As this project will be building off of client private property, it is of great importance to treat it with reverence.
Sustainability	Low: There will be little resource use over the course of the project.
Social Responsibility	Medium: Although there is little danger of breaching this objective, the team will remain vigilant.

Q3)

Area of Responsibility	Current Performance
Work Competence	High: All members are qualified for their roles, and will attempt to complete their work to the best of their individual abilities.
Financial Responsibility	Medium: The project has so far used nearly no physical resources, but we have used more time than necessary.
Communication Honesty	High: All disagreements or conflicts have been minor and immediately rectified.
Health, Safety, Well-Being	High: No unsafe situations have been encountered, and contingencies are in place in the meantime.
Property Ownership	High: Any property or information handled so far has been treated with care.
Sustainability	High: Very little resources have been used.
Social Responsibility	High: Great care has been taken to ensure the project proceeds ethically and is maximally beneficial.

Q4)

The team's individual reflections each had some small differences, mainly over the personal definitions of the areas of responsibilities. These differences were minimized when deemed necessary, or left alone otherwise. The team generally agreed on Q2, and there were almost no differences for Q3.

Q5)

As our project deals with upgrading already existing customer property through both software and hardware, the Property Ownership responsibility is of utmost importance. The team has so far treated any information, confidential or otherwise, as carefully as possible, and we have plans to use extreme care when eventually handling the Sisyphus Table we will be using for testing. This has helped keep consistent positive relations with our client, and will no doubt do the same with any others we interact with.

Q6)

Our team has not performed as well as we would have liked in the Financial Responsibility objective. While we have used little in the way of physical resources, some time has been wasted being unproductive during meetings, and over some misunderstandings when compiling reports. This could, if left unchecked, greatly slow project progress and potentially cause us to miss our deadlines. The team will make a greater effort to ensure meetings are scheduled, and that there is a distinct plan for each one going forward.