IPRO 349 Solid Corn-Waste Fuel for Cogeneration

Fall 2008

CODE OF ETHICS
Overarching Principle

Our project team will conduct ourselves professionally and with the highest standards of integrity, striving to produce a high quality product to estimate practical process efficiencies and overall cost options of solid corn stover as an alternative energy resource.

1. Law

Canon: The process will abide by laws concerning EPA guidelines and emissions standards.
Pressure: Collect as much stover as possible to increase revenue.
Risk: The EPA regulated minimum of 30% of collected stover will not be left in the soil to prevent erosion.
Measure: Compliance with the canon will be evident from the absence of legal action concerning relevant EPA and emissions laws.

3. Professional Code

Canon (1): During the procurement of data we are to be honest but smart.
Pressure: Obtaining practical and warranted data from professional companies makes our work highly qualified.
Risk: Represent our team falsely so that companies and organizations weigh our request and share their valuable data.
Canon (2): Only warranted and truthful data will be presented to prove the process. All data will be properly cited and credit given where credit is due.
Pressure: Present whatever data will help to prove the process.
Risk: Collecting miscellaneous data which is not cited well and not warranted to verify our work.
Measure: We represent our strength in research by receiving responses from companies and the compliance with the second canon will be measured by an absence of legal action against the group.

5. Community

Cannon: In the course of the project, the group will not purposefully ignore anything that would possibly concern the community.
Pressure: Expand business and industrialize the process.
Risk: Only the concrete numbers and data will be considered, and not the overall welfare and wellbeing of the community.

Risk: In the economic system, we may choose ideal but impractical considerations to which farms might feel inconveniently obligated.

Measure: To make sure our products and methods are convenient and feasible to actual farms, we will keep a good relationship with the farm.

6. Personal Relations

Canon: Our sub teams will maintain a positive culture of teamwork, cooperation and cohesion.

Pressure 1: To avoid personal conflicts with other team members.

Pressure 2: To make sure that everyone puts in the same effort on the project.

Risk 1: To avoid working with another teammate because conflict issues have been left unresolved.

Risk 2: Group leaders may alienate their teammates by over managing or being controlling.

Measure: Sub teams will report the frequency and productivity of meetings outside meeting time.

7. Moral Values

Canon: All participants on the operation of the process will be treated with respect and dignity and will not be required to do anything against their personal will.

Pressure 1: Create high expectations for all participants of the process to create a successful and competitive company.

Risk: Participants will feel pressure to complete their task or role and proceed in a manner they would otherwise not.

Pressure 2: Participants or employees will want to advance their own positions at the risk of others.

Measure: Internal surveys quantifying the level of happiness and content of participants will be utilized to measure compliance with the canon.