

Technical Process Summary 1 Assignment

In your Technical Process Summary1 assignment you should clearly state the technical details of how your product is being/will be produced. The Technical Process Summary 1 assignment should contain the following information:

- Include a list of critical process parameters and a flowchart of the process.
- Describe the critical impact/functionality/performance characteristics of soy or corn components in your product.
- List the amount of corn and or soy components contained in your product.
- Describe the key technical or commercial issues needed to produce this product.
- Address if this product can be made with existing facilities/technologies or are totally new facilities or retooling needed?

Keep your audience in mind (the judges) when writing your Technical Process Summary Assignments. You need to be as detailed and descriptive as possible but at the same time use terminology that a layman will be able to understand and comprehend.

Technical Process Summary 1 Assignment Rubric

Categories	15	12	8	0	Total
Technical Details	Thorough, easy to read details	Detailed but hard to understand	Not well written or very hard to understand	Did not address the technical details	
Flowchart	Clear, well organized, accurate, and descriptive	Clear, organized, accurate, but could use more description	Not well organized or descriptive	No chart turned in with assignment	
Impact/functionality/performance of the corn and or soy components	Easily described in detail the role that the corn/soy components play in the product	Described the corn/soy components role but not in layman's terms	Did not thoroughly address the role of the corn/soy components	Did not address the corn/soy components role in the product	
Technical/Commercial Issues	Issues were well thought out and addressed	Some issues were not discussed	Missed many of the technical/commercial issues	Not addressed in the assignment	
Manufacturing Needs	Understood and explained the manufacturing needs for this product	Thought of many needs but still missed some key issues	Not well thought out or little understanding of the manufacturing needs	Not addressed	
Assignment turned in on time with advisors' signatures	Turned in at meeting with advisors' signatures	Turned in after meeting with advisors' signatures	Turned in after meeting with no advisors' signatures	Turned in late	
Total Points					/100 Not Pass Pass

You must earn an 90% or better to continue in the competitions. You will be given one opportunity to redo this assignment if you do not earn an 90% or better. Even if you earn an 90% on this assignment you may be asked to redo a portion of this assignment to more accurately meet the rubric criteria. If you are asked to redo a portion of the assignment and it is not turned in by the due date set by the competition administrator your team may be eliminated from the competitions.

If your team has any questions about this assignment, please direct them to:

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