



Project Name – This is the name of your project, not your team name

Overview

Describe the problem that your sponsor has presented to your team and the corresponding challenges facing your team. This description should be about 3-4 sentences in length and provide the reader with enough information to get the gist of the problem and understand where the “engineering” is in the project.

Sponsor
logo (adjust
size as
needed)

Objectives

State your team’s objectives and what it is you all did for the project this semester. This can be one or two sentences, or you can use bullets if there are multiple objectives. For examples of one-page summaries, see Past Projects on the Learning Factory Website under the Sponsors tab.

Approach

- Describe the approach your team took to solve the problem using a bulleted list of steps
- For example, talk about how you gathered the customer needs and/or requirements
- Did you do some concept generation and selection?
- Did you review relevant patents, analyse existing products/processes, etc.?
- Did you have to visit the sponsor and gather data from them?
- What sort of simulation models/analyses did you use to evaluate different alternatives?
- Did you create CAD models?
- Did you fabricate a prototype? multiple prototypes? etc.
- Did you perform testing?
- How did you validate your model/results?
- What sort of results did you generate? How did you analyse them?

Outcomes

Finally, list the outcomes for this project making sure to clearly convey their implications for the sponsoring company:

- The sponsor will save \$XXX as a result of this project
- Manufacturing/production times were reduced by XX hours/minutes as a result of this project
- The project reduced set up time, assembly time, tool wear, etc.
- If the project resulted in a new/unique product/approach/simulation, make sure to convey that as well.
- Finally, make sure this fits on one page, and submit both DOC and PDF to your instructor

A picture that captures the
essence of your project,
prototype, simulation, etc.
(adjust size as needed)

Everything must fit on 1 page

Submit DOC and PDF versions to instructor