

Outline for Culminating Project Proposal For the Engineering Management Program St. Cloud State University

Your culminating project proposal should include the following headings and should be in double line spacing. You can use 8 – 10 pages or so to describe your project proposal.

Cover Page

See format for cover page on the next page.

1. Introduction

Provide a brief description of the project and any other background information that is relevant.

2. Problem Statement

A problem statement identifies the root cause (why) for conducting the project and is stated very briefly - may be in a sentence or two. In other words, you need to state why you are undertaking this project.

3. Nature and Significance of the Problem

State the importance of the problem here and explain how the project will be useful.

4. Objective of the Project

List specific objective(s)/goal(s) of your project. The objective of the project can be described in a sentence or two.

5. Project Questions

State at least 3 questions based on the problem and linked to the objective of your study that you will answer when you actually execute the project. Avoid writing yes/no type of questions. These questions can be answered after you actually execute the project and should be measurable in some way. Stating your questions starting with “what” is a good example.

Hypotheses are essential when working on experimental type of project, whereas research questions provide guidance for the kinds of data the researcher should collect, analyze, and interpret.

6. Literature Review

At this preliminary stage find at least 5-8 articles or published literature on the topic that you are looking into. The literature may be related to the problem and/or the methodology that you intend to use to solve the problem.

7. Methodology

Describe how you will conduct the project. Be as specific and detailed as possible. A brief review of literature related to your topic can be cited to support your rationale for choosing a particular methodology.

8. Timeline

Include a timeline that you anticipate to complete your project. You may use the project management Gantt chart format or list your activities with expected completion dates in a tabular format.

9. References

List any references that you have cited in your proposal in APA format.

TITLE OF YOUR TOPIC IN CAPITAL LETTERS

By

Your Name

Culminating Project (EM 670) Proposal submitted to:

List members of your proposal committee

in partial fulfillment of the requirements
for the Master of Engineering Management degree at
St. Cloud State University

Month, Year

Maple Grove, MN or St. Paul, MN