Writing Proposals

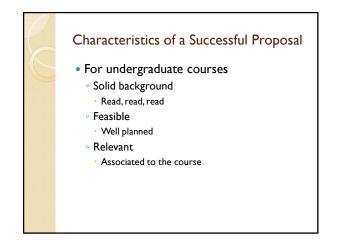
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Purpose

- The general purpose of any proposal is to persuade the readers to do something
 - persuade a potential customer to purchase goods and/or services
 - persuade your employer to fund a project
 - implement a program that you would like to launch

Who writes proposals

- Undergraduate Students
 - Convince faculty to accept project as appropriate for the course
 Example: Micro II and Capstone
- Graduate Students
 - Persuade a committee to approve research plan.
- Faculty
- Convince funding agency to fund research work.
- Engineers in General
- Convince sponsor that my company/group provides the best solution for ______.



Answers questions <u>WHAT</u> you are proposing <u>HOW</u> you plan to do it

- <u>WHEN you plan to do it</u>
- HOW MUCH it is going to cost

Basic elements

- Beginning
 - Introduction
- Middle
 - Body of material to be presented
- End
 - Conclusion/recommendation

Introduction

- Summarizes the problem you intend to solve and your solution
- Include the benefits the reader/group will receive from the solution and the cost of that solution

The BODY

- Explain the complete details of the solution
 - how the job will be done, broken into separate tasks
- what method will be used to do it, including the equipment, material, and personnel that would be required
- $^{\circ}$ when the work will begin
- $^{\circ}$ when the job will be completed
- It should also present a detailed cost breakdown for the entire job.

CONCLUSION

- Emphasize the benefits that the reader will realize from your solution to the problem and should urge the reader to action
- It should be encouraging, confident and assertive in tone.

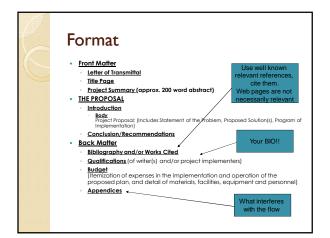
Persuasive writing

 Proposals are informative and persuasive writing because they attempt to educate the reader and to convince that reader to do something.

Characteristics

- The goal of the writer is not only to persuade the reader to do what is being requested, but also to make the reader believe that the solution is practical and appropriate.
- Facts must lead logically and inevitably to the conclusion and/or the solution presented.
- Evidence should be given in a descending order of importance, beginning with the most important evidence and ending with the least important.

Format: • In Marking Marking





- What is the subject of the proposal?
- For whom is the proposal intended?
- How do you intend the proposal to be used?
- What is the deadline date for submission of the proposal and for tentative implementation of the proposed solution?
- Have you reviewed the literature that would provide supports for your proposal? (Include a literature review.)

The title

- Choose a title that conveys information about your project.
- Avoid acronyms that have negative connotations.
 - Ex: Qwiki
- Make it Brief
 - http://www.amazon.com/Fleeced-Terrorist-Do-Nothing-Washington-Governments/dp/0061547751

Abstract or Summary of the Proposal

- A condensed version of the longer work, and it summarizes and highlights the major points of the report.
- It included: the subject, scope, purpose, methods, and (in the case of previous work) obtained results of the study, as well as any recommendations and conclusions made.

Types of abstracts

Descriptive Abstracts

- tell readers what information the document contains.
- include the purpose, methods, and scope of the document.
- do **not** provide results, conclusions, or recommendations.
- are always very short, usually under 100 words.
- introduce the subject to readers, who must then read the report, article, or paper to find out the author's results, conclusions, or recommendations.

Informative Abstracts

- communicate specific information from the report, article, or paper.
 include the purpose, methods, and scope of the report, article, or
- paper. • provide the report, article, or paper's results, conclusions, and
- recommendations.
- are short -- from a paragraph to a page or two, depending upon the length of the original work being abstracted. Usually informative abstracts are 10% or less of the length of the original piece.
- allow readers to decide whether they want to read the report, article, or paper.

Problem Statement

- Provide a clear objective statement of the problem.
- Describe the factors that have contributed to the problem.
- Describe what has and has not worked in the past.
- Indicate what needs to be done (by you) now.

The rationale and significance

Never assume the proposal reviewer knows what you know.

Convince the reviewer

that the problem is

IMPORTANT!



 Persuasive rationales

 Lit

 Describe how the project will...

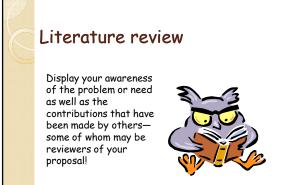
 • Resolve an important question

 • Develop better models

 • Influence public policy

 • Improve the way people do their jobs in a particular field

 • Improve the way people live



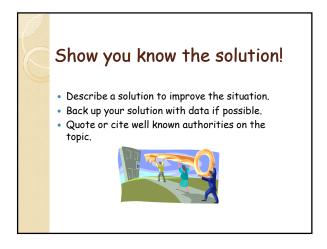
Show you understand the problem!

Use the adequate "Terms" and "Vocabulary" to Describe the Problem.

Provide the most recent data and/or information about the problem.

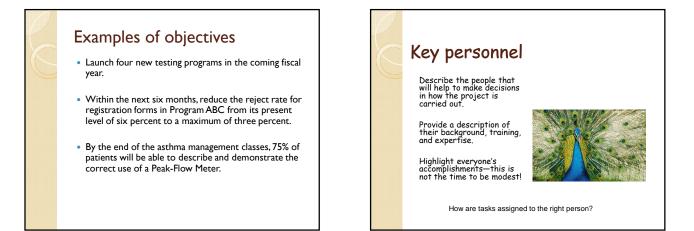
Describe the gaps and contradictions that currently exist.



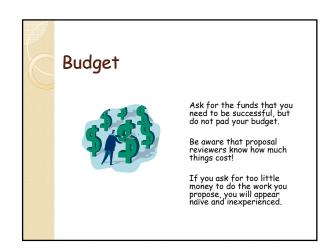


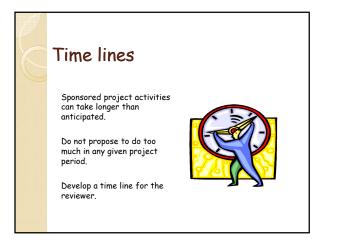


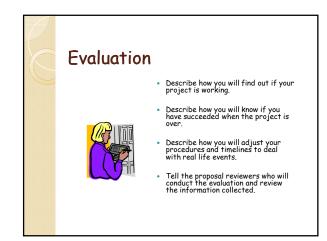






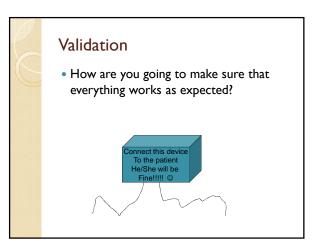






Performance Indicators

- Quantifiable measurements, agreed to beforehand, that reflect the critical success factors of a project.
- They must reflect the project's goals, they must be key to its success, and they must be quantifiable (measurable).
 - to be of any value, there must be a way to accurately define and measure it.
- Project Management Success
 Efficiency of project execution
- Project Product Success
 - Project end product



Final comments

- Read proposal guidelines
- Back up strong statements
- Good proposals have references that are NOT web pages
- Read, read, read
 - If you can articulate with the correct vocabulary, you know the subject
- Writing skills
 - No one will take you seriously if you have a proposal full of typos, wrong sentences, etc.
- The first person you have to convince is yourself.

References

- The presentation "Elements of Successful Proposals", by Pam Miller, Director of Sponsored Projects, University of San Francisco has been modified for the preparation of this presentation.
- Seely, John, 2005, Oxford Guide To Effective Writing & Speaking, Oxford University Press.
- Pinkerton, WJ, 2003, Project management : achieving project bottom-line success, McGraw-Hill, New York.