

Project A Requirements

Abstract

The objectives, requirements, and relevant information for Project 1 are stated here. Submission of your files is done through the course website.

1 Purpose

The purpose of this project is for you to demonstrate the following:

Capabilities: to produce a basic technical report of professional quality

Use of Relevant Tools and Techniques: L^AT_EX, AUCTeX, and emacs

Deliverables and Evidence: a pdf of your report with *all source files allowing others to reproduce your report*.

2 Project Requirements

2.1 Required Content

Your report shall have the following content:

1. Title
2. Author
3. Date
4. Abstract
5. Acknowledgments, this is mandatory even if no one helped you! If no one helped you, say so.
6. The following sections and your answers
 - (a) Executive Summary
 - (b) Where I Grew Up
 - (c) My Program of Study
 - (d) Why I Picked My Program of Study
 - (e) Why I Am Taking Assurance Fundamentals
 - (f) What I Hope to Learn in Assurance Fundamentals
7. Use of the following kinds of lists demonstrated at least once in your report.
 - Description lists
 - Enumerated lists
 - Itemized lists

2.2 Executive Summary Content and Criteria

As a professional engineer or computer scientist, you will have to clearly and honestly state to your customer your project status. The Executive Summary in this course is your statement to me as to whether or not you have completed the project. Your executive summary must plainly state one of the following project outcomes with project-specific details, as needed. The outcomes are as follows.

All requirements are satisfied This means that everything in the required content, without exception, is satisfied and *documented*. When you make this statement, I should be able to easily see that every requirement is accounted for, correct, and complete.

Some requirements are satisfied, the rest are missing, incomplete, or incorrect In this case, you must list what is satisfied, and more importantly, you must list and describe what is missing, incomplete, or incorrect.

Warning

There are severe consequences for dishonesty or negligence in the executive summary. Examples of dishonesty or negligence include: (a) **Dishonesty by commission**—saying a requirement is satisfied when in fact it is not, (b) **Dishonesty by omission**—neglecting to say a requirement is missing, incomplete, or incorrect, and (c) **Negligence**—failure to account for all aspects of the requirements. If I discover dishonesty or negligence, I will deduct possibly 50% or more from your project grade. It is better to admit something is missing or wrong than it is to hide it. I will award some credit for honesty. Credibility takes a long time to earn and can be lost in a single instance of dishonesty or negligence.

3 Relevant Information

3.1 Submission Guidelines

Deadline: check course website

Content & format: zipped file of your Project1 subdirectory containing a pdf of your report and all source files allowing complete reproduction of your report

How submitted: through course website

Other information: you will be allowed an unlimited number of attempts to submit your files up to the deadline. Your grade is based on the last submission.

3.2 Grading Criteria

Item	Value	Comments
Folder with all necessary components to reproduce report	14 points	I will unzip your folder in my system, compile your \LaTeX file, and evaluate the report that is produced. You will potentially get no credit if your \LaTeX file does not compile correctly.
Report containing all required content	14 points	None
TOTAL	28 points	none