Certainly, creating a well-structured technical report involves several elements that enhance its readability and overall effectiveness. Below is a mock-up of how you might format a technical report in Microsoft Word. Note that the equation formatting below will be described in LaTeX, but Word has its own equation editor to achieve similar results.

---

# Example Technical Report

## Abstract

The abstract summarizes the purpose, methodologies, and major findings of the report in a concise manner.

---

## Table of Contents

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- Introduction

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- Data Collection

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---

## Introduction

### Background

Here, you'd provide background information on your subject matter.

### Objectives

- To demonstrate the effectiveness of control strategy \( A \)

- To analyze the robustness of strategy \( B \)

The primary objectives of this research are captured in the equation

\[

f(x) = ax^2 + bx + c

\]

---

## Methodology

### Data Collection

Discuss how you gathered data. Here's a block equation for data collection optimization:

### Data Analysis

- Algorithmic evaluation

- Statistical validation

- \( \chi^2 \) tests

- \( p \)-value assessment

---

## Results

### Quantitative Results

The system dynamics are described by:

\[

\begin{aligned}

\dot{x} &= Ax + Bu \\

y &= Cx + Du

\end{aligned}

\]

#### Subsection

In this subsection, delve into specific outcomes.

### Qualitative Results

Discussion of non-numerical results.

---

## Discussion

### Implications

Expound on the broader ramifications of your findings.

### Limitations

List any limitations of your study and their potential impact.

---

## Conclusion

Wrap up your report, summarizing key points and outlining future steps.

---

## References

List your sources using a standardized citation format.

---

## Appendices

Include any additional data, code, or supplementary material.

\[

\begin{bmatrix}

a & b \\

c & d

\end{bmatrix}

\]

---

To achieve this formatting in Microsoft Word, you can utilize the built-in styles for headings to manage your sections and subsections. The equation editor can help you insert both inline and block equations. For bullet points, Word's list functions should suffice. The 'Insert Table of Contents' feature can automatically generate a table of contents based on your styled headings.

While Word is robust, for more complex mathematical expressions and formatting, many people prefer LaTeX, which provides finer control over document structure and appearance, especially for scientific or technical documents.