****

**Capstone Design Project Report**

**<Descriptive Project Title>**

**Project Sponsor/Client**

<Sponsor Name>

<Semester>

<Month>, <Year>

**Prepared by**

<Name (Discipline)>

<Name (Discipline)>

Project Engineer <Name> - CORE Engineering

Chief Engineer <Name> - <Department>

# Acknowledgements

# Executive Summary

# Table of Contents

[Acknowledgements 2](#_Toc205363460)

[Executive Summary 3](#_Toc205363461)

[Table of Contents 4](#_Toc205363462)

[List of Figures 5](#_Toc205363463)

[List of Tables 5](#_Toc205363464)

[Glossary 6](#_Toc205363465)

[1. Introduction 7](#_Toc205363466)

[2. Project Overview 8](#_Toc205363467)

[2.1. Project Statement 8](#_Toc205363468)

[2.2. Semester Objectives / Deliverables 8](#_Toc205363469)

[2.3. System Overview 8](#_Toc205363470)

[3. Customer Needs and Engineering Design Requirements 9](#_Toc205363471)

[4. System Concept Development 10](#_Toc205363472)

[5. Final Design 11](#_Toc205363473)

[6. System Evaluation 12](#_Toc205363474)

[7. Significant Accomplishments and Recommendations 13](#_Toc205363475)

[8. Conclusions 14](#_Toc205363476)

[References 15](#_Toc205363477)

[Appendix A: Standards 16](#_Toc205363478)

[Appendix B: Bill of Materials 17](#_Toc205363479)

[Appendix C: Ethical and Professional Responsibilities Worksheet 18](#_Toc205363480)

# List of Figures

[**Figure 1 System Block Diagram** 23](#_Toc80276556)

# List of Tables

[**Table 1 Sample Gantt Chart** 23](#_Toc80276556)

# Glossary

# Introduction

# Project Overview

# Project Statement

# Semester Objectives / Deliverables

# System Overview

# Engineering Definition of Problem

# Customer Needs and Engineering Design Requirements

Use Cases

User Stories

# 

# System Concept Development

# Final Design

# System Evaluation

# Significant Accomplishments and Recommendations

# Conclusions

# References

# Appendix A: Standards

Copy table of section 7.8 Standards from the System Design Report

Update content as necessary to capture ALL standards identified which apply to the team’s work.

More information on standards available on the Capstone Support Wiki <https://designlab.eng.rpi.edu/edn/projects/capstone-support-dev/wiki/Standards>

# Appendix B: Bill of Materials

# Appendix C: Ethical and Professional Responsibilities Worksheet