****

**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](#_Toc151974196)

[Executive Summary 3](#_Toc151974197)

[Table of Contents 4](#_Toc151974198)

[List of Figures 5](#_Toc151974199)

[List of Tables 5](#_Toc151974200)

[Glossary 6](#_Toc151974201)

[1. Introduction 7](#_Toc151974202)

[2. Project Overview 8](#_Toc151974203)

[2.1. Project Statement 8](#_Toc151974204)

[2.2. Semester Primary Objectives / Deliverables 8](#_Toc151974205)

[2.3. Semester Secondary Objectives / Deliverables 8](#_Toc151974206)

[2.4. System Overview 8](#_Toc151974207)

[3. Customer Needs and Engineering Design Requirements 9](#_Toc151974208)

[4. System Concept Development 10](#_Toc151974209)

[5. Final Design 11](#_Toc151974210)

[6. System Evaluation 12](#_Toc151974211)

[7. Significant Accomplishments and Recommendations 13](#_Toc151974212)

[8. Conclusions 14](#_Toc151974213)

[Appendix A: Engineering Tools and Methods Checklist 16](#_Toc151974214)

[Appendix B: Risk Assessment Checklist 17](#_Toc151974215)

[Appendix C: Engineering Standards Checklist 18](#_Toc151974216)

[Appendix D: Bill of Materials 19](#_Toc151974217)

[Appendix E: Ethical and Professional Responsibilities 20](#_Toc151974218)

# 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 Primary Objectives / Deliverables

# Semester Secondary Objectives / Deliverables

# System Overview

# Customer Needs and Engineering Design Requirements

# System Concept Development

# Final Design

# System Evaluation

# Significant Accomplishments and Recommendations

# Conclusions

**References**

# Appendix A: Engineering Tools and Methods Checklist

# Appendix B: Risk Assessment Checklist

# Appendix C: Engineering Standards Checklist

# Appendix D: Bill of Materials

# Appendix E: Ethical and Professional Responsibilities