****

**Capstone Design Project**

**System Design Report**

**<Descriptive Project Title>**

**Project Client**

<Sponsor Name>

<Semester>

<Month>, <Year>

**Prepared by**

<Name (Discipline)>

<Name (Discipline)>

<Name (Discipline)>

<Name (Discipline)>

<Name (Discipline)>

<Name (Discipline)>

<Name (Discipline)>

Project Engineer <Name> - CORE Engineering

Chief Engineer <Name> - <Department>

# Table of Contents

[Table of Contents 2](#_Toc175757174)

[List of Figures 3](#_Toc175757175)

[List of Tables 3](#_Toc175757176)

[Glossary 4](#_Toc175757177)

[1. Introduction 5](#_Toc175757178)

[2. Project Overview 6](#_Toc175757179)

[Project Statement 6](#_Toc175757180)

[Project Objectives (Long-Term) 6](#_Toc175757181)

[Semester Objectives / Deliverables (Short Term) 6](#_Toc175757182)

[3. Proposed System Design 7](#_Toc175757183)

[System Overview 7](#_Toc175757184)

[System Architecture Diagram 7](#_Toc175757185)

[Team (Subsystem) Lead Assignments 7](#_Toc175757186)

[4. System Evaluation *Plan* 8](#_Toc175757187)

[5. Significant Accomplishments (optional) 9](#_Toc175757188)

[References 10](#_Toc175757189)

# List of Figures

[**Figure 1 System Block Diagram** **Error! Bookmark not defined.**](#_Toc80276556)

# List of Tables

[**Table 1 Sample Gantt Chart** **Error! Bookmark not defined.**](#_Toc80276556)

# Glossary

BEFORE submitting

Delete this text box and all instructions (in blue text) throughout the document

# Introduction

Suggested length – ½ page

# Project Overview

Material from Project Overview, Client Meetings 1 & 2

2 pages max.

## Project Statement

## Project Objectives (Long-Term)

## Semester Objectives / Deliverables (Short Term)

# Proposed System Design

Describe concept chosen by team to pursue

Do NOT include previously presented concept generations and selection

1 page max

## System Overview

## System Architecture Diagram

Insert picture(s) here, with explanation, e.g. block diagram, CAD, UML, flow charts, etc.

## Team (Subsystem) Lead Assignments

Table including subsystem names, technical lead, and interfacing subsystems

Every team member must have a leadership position

# System Evaluation *Plan*

Plan as to how to evaluate project at system level. Do not rewrite standards, simply make references.

1 page max

Table including Requirement (taken from N&R worksheet) which will be demonstrated at end semester and the name of the technical lead responsible

Every team member must have a technical leadership position in this.

# Significant Accomplishments (optional)

One page max.

# References

Include specific references as needed for standards, tools/methods, etc.