

ICOM 5047: Computer Engineering Design Course
Fall 2010: Wilson Rivera and Kejie Lu

Proposal Format

Note: The length of the proposal must not exceed 15 pages. If the proposal exceeds 15 pages, it will be graded only until page number 15. An appendix might be included if additional information is necessary (anything that will interrupt the flow of the proposal). Please read the evaluation sheet to make sure you include all elements requested in the proposal.

- Title page
 - Will contain the title, name of the organization (UPRM, ECE), team members, date, group's name, logo, and course.
- Abstract
- Table of Contents
- Executive Summary
 - Project Overview
 - Deliverables
 - Milestones
 - Justification and Economical aspects
- Introduction
 - Problem Statement (*See evaluation sheet)
 - Project Antecedents (Market Description, Similar products, Competitive advantage, Standards, please see evaluation sheet)
 - Objectives (SMART)
 - Impact (Social, legal, environmental, etc.)
- Product Specifications
 - System overview and block diagram
 - Hardware Specifications
 - Block Diagram
 - Considerations
 - Software Specifications
 - Software Diagram (Architecture)
 - Considerations
 - Testing Restrictions/Scope
- Project Management
 - Organization Breakdown Structure
 - Project Skills and Resources Assigned
 - Resources
 - Biographies of team members
 - Technical Resources
 - Work Breakdown Structure Gantt (identify critical path)
 - Managerial Approach
 - Progress Evaluation Plan (include metrics, please see evaluation sheet)
 - Risk Plan
 - Budget
- References (References must be cited in the text) Appendix