Power Plant - Relay Replacement

Iowa State EE Senior Design - December 2015
Group: Dec15-22
Dan Dye

Key Activities	Weeks - Spring 2015														
Spring	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Develop Project Scope															
Develop Project Plan															
Develop Man-hour Budget															
Gantt Chart															
Design Relay One Line Diagram															
Design Elementary Diagram / Current Schematic															
Design Control Schematic															
Design Panel Wiring															
Design Communication processor Wiring															
Design Review															
Arc Flash Calculation															
Arc Flash Design Review															
Safe Operation Engineering Solutions															
Safe Operation Engineering Solutions Design Review															
Compleation of Project Report															
Presentation Practice / Presentation															

Key Activities	Weeks - Spring 2015														
Fall	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Relay Replacement Deisgn Construction Package															
Relay Replacement Deisgn Function															
Arc Flash Calcuation Analysis															
Arc Flash Calcuation Compliance Regulations															
Arc Flash Analysis Review															
Safety Operation Solutions Compliance Regulations															
Safety Operation Solutions Cost Estimates															
Safety Operation Solutions Operation Guild															
Safety Operation Review															
Compleation of Final Project Report															
Design of Project Poster															
Presentation Practice															
Presentation															