CIS224 Spring 2013 – Section 29001

Capstone Project Instructions – 240 POINTS

Capstone Project is due on or before Thursday, 05/09/13 by 5:00 P.M.

READ THE ENTIRE DOCUMENT BEFORE STARTING

Introduction

As an important part of the completion of this course, you will create a Capstone Project which utilizes the principles of Project Management. After approval from your instructor, you may proceed with a subject matter focus of your choice. The instructor retains final approval on the acceptability or unacceptability of every project.

Email your idea (1 page summary) in Canvas, to me for approval by Thursday 04/11/13 @ 5:00 P.M. You will receive a 100 point automatic deduction if you do not do so. NO EXCEPTIONS.

MS Word Submission (worth up to 120 points or 50%):

Your project will not be less than 10 pages (Report format, utilizing MS Word 2010). You will also make use of MS Project 2010. You should make use of the Internet for research. Your project will follow established Project Management guidelines and will include a 1 page Executive Summary. Use a Footer with your Full Name, Class section, semester and page numbers. Use double spaced pages, Font Size 12 and Times New Roman Font in detailing each of the following PM areas as they pertain to your project topic:

 An Executive Summary (1 page in length)

 Scope (1 page)

 Time (1 page)

 Cost (1 page)

 Quality (1 page)

 Human Resource Management (1 page)

Communications (1 page)

 Risk (1 page)

 Procurement (1 page)

 Project Integration (1 page)

You must use formulas showing CPI, SPI, VAC, Communication Channels and EMV. Supplemental Assignment #8 will give you practice working with these formulas.

MS Project Submission (worth up to 120 points or 50%):

You will use Microsoft Project to build a detailed project covering your subject matter. You received a copy of MS Project 2010 with your book. Microsoft Project is available in the Computer Lab also. Call the MCC Main Campus (480) 461-7000 for Lab hours if needed. You are to include all steps, resources used, charts and other essential elements involved in your project. Make use of a minimum of three human resources in your project, represented on the Resource Sheet. Be thorough. Create:

-A Network Diagram

-A Gant Chart

-All Tasks

-At least one resource over-allocation

-At least one resource that will be paid overtime

-A Custom Table

-A Custom View

-An Export to an Excel File

Project Delivery

The Capstone Project is due on or before Thursday, 05/09/13 by 5:00 P.M

Submit the files via Canvas ONLY in the Assignment Drop Box area at the same time.

Place your name appropriately on files. You will submit three (3) files:

1) The Microsoft Project 2010 file you create

2) The Microsoft Word document with sections listed above and appropriate detail.

3) An Export to an Excel file

Complete your work on time. Be prepared to answer questions from your instructor. You should be able to detail all elements of your project in depth.

You may not use a real life work project, files or information due to proprietary issues. I do not want to see anything from your jobs about real plans, products or services. Give me your Capstone Ideas about a project from one of the three following categories: an IT (Information Technology) project environment, a project involving a Medical environment or a project from a Construction environment or an Event. You may also do a project on something of a personal interest, but it must be approved and exceptionally comprehensive.

I look forward to seeing your work.