**ITC 250/CPET 499 Web Systems**

**Final Project Guidelines**

**Dec. 1, 2016**

**Items Due Dates:**

* **Final Project Report (Microsoft Word file), due Tuesday, Dec. 13, 2016**
* **PPT Slide (Microsoft PowerPoint file), due Tuesday, Dec. 13, 2016**
* **All Project Codes (HTMLs, CSS, Picture files, PHP, database file) in one zipped file, Dec. 15, 2016**
* **Final Project Presentations and Demos: 10:30 AM-12:30 PM, Thursday, Dec. 15, 2016, in Room ET 346**

**The ITC 250/CPET 499 Web System’s Final Project should include**

* Cover page: Title, Report Date, Team member, Team member’s email contact info, and Course Instructor
* Executive Summary: background, used technologies, purpose, scope, and deliverables
* Introduction
  + The Problem and Proposed Solution
  + Problem solving approach
  + System Overview (with Visio drawings)
* Web System Design
  + Architecture (with Visio diagrams)
  + Software Tools Selection
  + System Hardware Specification
  + Software Design and Description
    - System State Diagram (Visio diagrams)
    - System Activity Diagrams (Visio diagrams)
  + Software Code/Program
* Web System Integration
  + Hardware Configuration and Validation
  + Web System/Server Configuration
  + Software Programming, Testing and Validation
  + CCS Design (if applicable)
  + HTML Design with JavaScript, PHP Script, etc
* Web System Demonstration and Acceptance Testing
* Project Schedule (Use spread sheet)
  + Time and Cost estimation
  + Actual Time and Cost
* Summary and Lesson Learned
* Conclusions and Recommendations
* References