**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