**ITC 250/CPET 499 Web Systems**

**Final Project Guidelines**

**Nov. 7, 2017**

**Items Due Dates:**

**\*\* Progress Report 1 – due Thursday, Nov. 16, before 2 PM**

**\*\* Progress Report 2 – due Thursday, Nov. 30, before 2 PM**

**\*\* Final Project Report, PPT Slide and Software Files due Tuesday, Dec. 12, 2017**

* **Final Project Report (Microsoft Word file)**
* **PPT Slide (Microsoft PowerPoint file)**
* **All Project Codes (HTMLs, CSS, Picture files, PHP, database file) in one zipped file**

**\*\* Final Project Presentations and Demos: 10:30 AM-12:30 PM, Thursday, Dec. 14, 2017, in Room ET 346 {**IPFW Final Exam Schedule: Dec. 14, Thursday, 10:300-12:30 PM - Final Exam, <http://www.ipfw.edu/academics/finals/>}

**The ITC 250/CPET 499 Web System’s Final Project, in Microsoft Word format, shall 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
	+ MySQL database
	+ HTML Design with JavaScript, PHP Script, MySQL, 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