

IT 207 Applied IT Programming

Lab Assignment 2 | Control Structures, Web Forms Grade Sheet (45 points)

General Requirements (45 points)

- a. The static calendar is correctly generated by using control structures efficiently [4] *
- b. The static calendar correctly determines the current month using date() function and displays the month correctly no matter which month it is [3].*
- c. Calendar stylizing and positioning is provided solely through a new, additional external CSS file [2] *
- d. User can select 30-minute increment times for each day of the work week and times available are between 7:00am and 10:00pm [2]
- e. Multiple time increments can be selected for each day, whether in succession or non-succession [1]
- f. Variables and values are passed using a POST request [2]
- g. Calendar is provided with selectable meeting times that correspond to the days and times of set up form [4]
- h. Meeting times are correctly applied to complete month [2]
- i. User can enter name, email, and select available meeting time and be solely booked to that meeting time on calendar [3]
- Calendar page file submits office hour sign up form data to same calendar page file [1]
- k. On a booking, remaining selectable meeting times are shown on calendar and correctly correspond to the days and times initially set up [4]
- On a booking, email is attempted to be sent to professor and, on success, indicated to student [2]
- m. Hidden form fields are utilized [1]
- n. Subsequent meeting bookings retain and correctly display remaining selectable meeting times using days and times initially set up [2]
- o. Constants used for values that do not change and variables used for values that do change [1]
- p. Common navigation and structural components are included using original SSI file locations [1] *
- q. Working link to home page exists [1] *
- r. Navigation and structural components are well aligned and do not shift when loading home page [1] *
- s. Correct calculation, format, and display of emphasized Last Modified using the date () and getlastmod () function in the 22:41 Oct 10, 2017 EST format [1] *
- t. Output includes content presented in screenshots [1]
- u. Setup file utilizes XHTML only, and is created using a text editor rather than a WYSIWYG capable editor [1]
- v. Calendar file has a .php extension, utilizes PHP, and is created using a text editor rather than a WYSIWYG capable editor [1] *
- w. Utilizes XHTML for content and only external .css sheet(s) for stylizing and positioning to create output more aesthetically pleasing than screenshot given [1]
- x. Uploaded to Blackboard and a Lab Assignment 2 directory in the IT207 directory on the student's Zeus/Helios account [1] *
- y. Uses a filename that loads by default when selecting the home page lab assignment link and loads in the *Lab Content* area of the home page [1] *
- z. Is well-formed and validated using the strict DTD [1]

^{*} denotes first submission point requirements