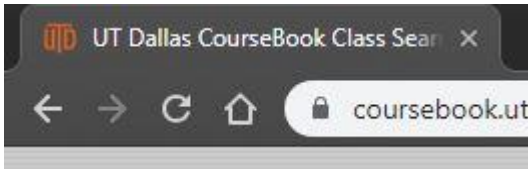# CS6326 HUMAN COMPUTER INTERACTION
Homework 01

1.   Critique the color scheme. It uses school colors, but is it readable? Any issues? (4 points)?

The color scheme on coursebook.utdallas.com is not completely human friendly. To put it in words, it serves the purpose, but not a pleasant experience to eyes. Please allow me to comment according to different components on the website

1) **Header(nav) bar + title Icon:** Made up of UTD Flag color. Title includes UTD icon. However, Title text is too long and often hides in browser tab.
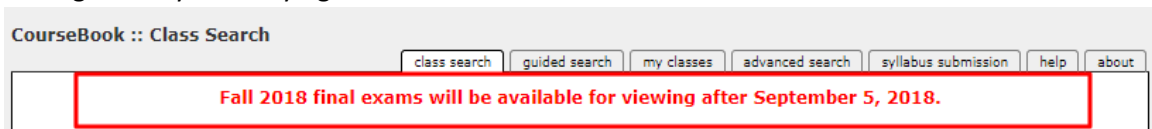

2) **Background:** Shade of blue. I particularly did not like the background color. Personally, I feel it is dull shade and is fails attract eyes. (Instead a shade of white would go well!)

3) **User Login button + Course Tools:** Seemingly small and Dark Green is too bright as a background hence does not really go with any shades of text colors.

4) **Notifications and User alerts:**
As red often signifies in the negative-horrific alert, this announcement regarding when dates will be available is not a good way of notifying end users.

5) **Search counter**
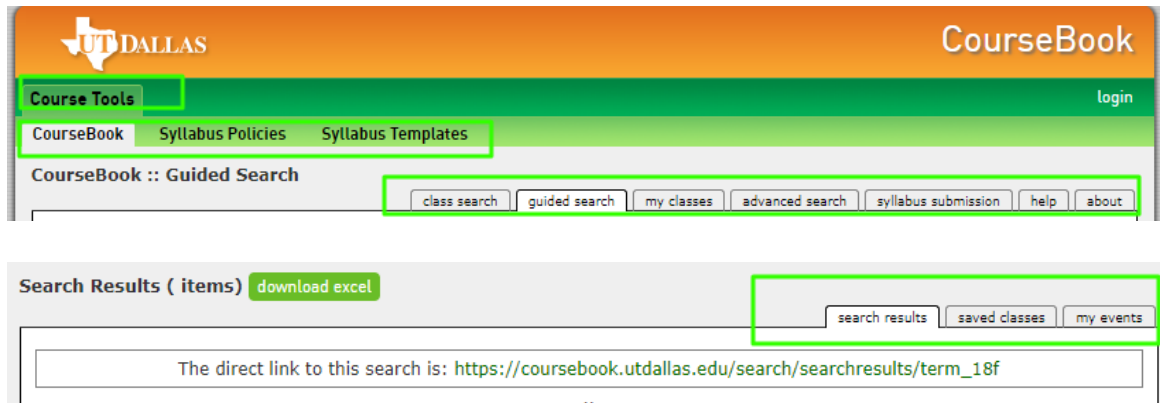The shade of grey for search counter is too light and unreadable.

Aadish Joshi | Aadish.Joshi@utdallas.edu | +1 (682)-414-8326

2. How many sets of tabs are there on first screen that comes up? (Find them all for 2 points)

Total sets of tabs: 4

Total number of individual tabs: 14

3. Does Coursebook follow the rule of telling you where you are in the navigation? (2 points)

As it is not *explicit*, yes there are different ways to find out where we are on the tab.
1) Through navbar tabs
2) Through website url

4. Can you navigate the "guided search" tab without using a mouse, using only the keyboard? Explain. (2 points)

Yes.
1) On windows, with the help of '**tab**' button, pressing it several times will lead to Guided search.
2) Also try "coursebook.utdallas.com/guidedsearch" as a **URL**.

5. If there is anything odd about the way the drop-down lists work on the "guided search" tab? If so, describe what might be the problem. If not, explain why not. (4 points)

I personally felt drop-downs are good.
1) Easily doable
2) Does not require all details to be filled in. We can have selected data in drop-downs and search through the class.

However, there are possible improvements I might suggest as-
- There are too many drop-down lists. Hence not pleasant to human sight.
E.g. there is a drop-down for class level, class status, which could be changed to 'Filter'. A simple 'Filter' functionality will get rid of clutter.
- Does not show complete list of classes offered throughout the university.

6. Explain how to find all the prerequisites for CS4384 (that is, follow the chain of courses) using coursebook, and list all of the prerequisites for that course, back to a course that has no prerequisites (such as CS1336.) Record how many clicks it took you to find them all. (6 points)

Home -> guided search -> Class Prefix(CS) -> Class number (4384) -> Click here to show classes found -> view class details -> description(prerequisites)

Reset -> Class Prefix(cs) -> Class number (1336) -> Click here to show classes found

Clicks to find prereq: 5
Total clicks to classes with no prereq: (5+4) = 9

Term Status	Class Section Class Number	Class Title	Instructor(s)	Schedule & Location	Fill	Action(s)
18F Open.	CS 4384.001 83027	Automata Theory (3 Semester Credit Hours)	Gordon Arnold	Tuesday & Thursday 8:30am - 9:45am ECSS 2.311		**View Class Detail Instructor CV More Options...**

class overview | syllabus | evaluation | *(instructor cv)* | submit documents

Course Title:	**Automata Theory**			
Class Info:	**Class Section:**	CS4384.001.18F	**Instruction Mode:**	Face-to-Face
	Class Level:	Undergraduate	**Activity Type:**	Lecture
	Semester Credit Hours:	3	**Class Number:**	83027
	Grading:	Graded - Undergraduate	**Session Type:**	Regular Academic Session
	Add Consent:	No Consent	**Orion Date/Time:**	2018-09-05 13:06:38

Status:	Class Status: OPEN Available Seats: 4 Enrolled Total: 76 Waitlist: 0

Description:	**CS 4384 - Automata Theory** (3 semester credit hours) A review of the abstract notions encountered in machine computation. Topics include finite automata, regular expressions, PDAs, and context-free languages. Prerequisite: CS 3305 with a grade of C or better. (3-0) S

Course Title:	**Automata Theory**

class overview | syllabus | evaluation | *(instructor cv)* | submit documents

Class Info:	**Class Section:**	CS4384.001.18F	**Instruction Mode:**	Face-to-Face