Navajo Technical University   http://www.navajotech.edu

PO Box 849, Crownpoint, NM 87313   Tel: (505) 387-7401

Course Title: WEB DESIGN CONCEPTS
Course #: IT 142

Credit Hours:3
Semester: SPRING 2022
Cap:15

Faculty: SUMATHI RAGAVANANATHAM   **E-mail**: sragavanantham@navajotech.edu
Office: : IT Bldg Room 116   **Office Phone**: 505-786-4100
Office Hours (face-to-face or online) : Monday 1-2 pm ONLINE
Preferred Communication (email and/or text; will respond within 24 hours)

Modality (face-to-face, hybrid, or online): face to face
Class Location and Meeting Times (if face-to-face):(Monday 11am to 12:20pm)
Meeting Hours and Online Hours (if hybrid): (Wednesday 11am to 12:20 pm)

Required Materials:

Textbook: CSS Mastery Advanced Web Standards Solutions Second Edition, Andy Budd, Simon Collison, and Cameron Moll
Reference Book: Beginning HTML, XHTML, CSS, and JavaScript by John Duckett
Name of the Publishers**:** Wiley India
Tools: USB drive

Lab Fee: None

Mission, Vision, and Philosophy
Mission: Navajo Technical University honors Diné culture and language, while educating for the future.

Vision: Navajo Technical University provides an excellent educational experience in a supportive, culturally diverse environment, enabling all community members to grow intellectually, culturally, and economically.

Philosophy: Through the teachings of Nitsáhákees (thinking), Nahátá (planning), Íína (implementing), and Siihasin (reflection), students acquire quality education in diverse fields, while preserving cultural values and gaining economic opportunities.

Course Description

This course provides a thorough and practical guide to applying web standards enforced by the World Wide Web Consortium (W3C). Students will be exposed to standards that will allow content to be more compatible with multiple different viewing devices such as screen readers, cell phones, PDFs, HTML, XML, and CSS.

Course Outcomes	Course Assessments
A strong knowledge of website design concepts	Complete reading assignments, homework assignments, exams, projects, and quizzes.
A strong understanding and skills of html	
A strong and deep knowledge of CSS	

Course Activities

Week	Date	Class Topics/Reading Due	Assignments Due	Assessments
1	01/19/2022	Introduction to course and each other	Due before next class	
2	01/24/2022	Designing and Planning Web Pages	"	
	1/21/2022	**Last day to add/drop**		
3	01/26/2022	Basic principles involved in developing a web site	"	
4	01/31/2022	Planning process	"	
5	02/02/2022	Home Page Layout	"	
6	02/07/2022	Design Concept.	"	
7	02/09/2022	Brief History of Internet & What is World Wide Web	"	
8	02/14/2022	Web Standards	"	
9	02/16/2022	HTML Documents	"	
10	02/21/2022	Basic structure of an HTML document	"	
11	02/23/2022	Creating an HTML document	"	
	2/25/2022	**Graduation Petition due**		
12	02/28/2022	Mark up , Paragraphs ,line Tags		
13	03/02/2022	Elements of HTML	"	

14	03/07/2022	Working with Lists, Tables and Frames	"	
15	03/09/2022		MidTerm Exam "	
	3/12/2022	**Midterm grades due**		
	3/14-18	**SPRING BREAK**		
16	03/21/2022	Working with Hyperlinks, Images and Multimedia	"	
17	03/23/2022	Working with Forms and controls.	"	
18	03/28/2022	Introduction to CSS	"	
19	03/30/2022	CSS Properties	"	
	3/31/2022	**Last day to withdraw with "W"**	"	
20	04/04/2022	CSS Styling(Background, Text Format, Controlling Fonts)	"	
21	04/06/2022	Working with Lists and Tables		
22	04/11/2022	CSS Id and Class		
23	04/13/2022	Creating page Layout and Site Designs.		
24	04/18/2022	Box Model(Introduction, Border properties, Padding Properties, Margin properties)	"	
25	04/20/2022	CSS Advanced(Grouping, Dimension, Display, Positioning, Floating, Align,Pseudo class, Navigation Bar, Image Sprites, Attribute sector)	"	
26	04/25/2022	Creating the Web Site	"	
27	04/27/2022	Creating web site structure	"	
28	05/02/2022	Project presentations	"	
29	05/04/2022	Final Review	"	
30	05/09/2022		**Finals**	
	5/13/2022	**Graduation**		

Grading Plan

Homework: :20%
Class Participation: :5%
Project(s):   :10%
Quizzes: :10%
Mid-term: :25%
Final Exam: :25%
Portfolio: :5%

A = 100-90%
B = 89-80%
C = 79-70%
D = 69-60%
F = 59% or less

Grading Policy

Students must do their own work. Cheating and plagiarism are strictly forbidden. Cheating includes (but is not limited to) plagiarism, submission of work that is not one's own, submission or use of falsified data, unauthorized access to exams or assignments, use of unauthorized material during an exam, or supplying or communicating unauthorized information for assignments or exams.

Participation
Students are expected to attend and participate in all class activities. Points will be given to students who actively participate in class activities including guest speakers, field trips, laboratories, and all other classroom events.

Cell phone and headphone use
Please turn cell phones off **before** coming to class. Cell phone courtesy is essential to quality classroom learning. Headphones must be removed before coming to class.

Attendance Policy
Students are expected to attend all class sessions. A percentage of the student's grade will be based on class attendance and participation. Absence from class, regardless of the reason, does not relieve the student of responsibility to complete all course work by required deadlines. Furthermore, it is the student's responsibility to obtain notes, handouts, and any other information covered when absent from class and to arrange to make up any in-class assignments or tests if permitted by the instructor. Incomplete or missing assignments will necessarily affect the student's grades. Instructors will report excessive and/or unexplained absences to the Counseling Department for investigation and potential intervention. **Instructors may drop students from the class after three (3) absences unless prior arrangements are made with the instructor to make up work and the instructor deems any excuse acceptable.**

Study Time Outside of Class for Face-to-Face Courses
For every credit hour in class, a student is expected to spend two hours outside of class studying course materials.

Study Time for Hybrid or Blended Courses
For a hybrid or blended course of one credit hour, a student is expected to spend three hours per week studying course materials.

Study Time for Online Courses
For an online course of one credit hour, a student is expected to spend four hours per week studying course materials.

Academic Integrity
Integrity (honesty) is expected of every student in all academic work. The guiding principle of academic integrity is that a student's submitted work must be the student's own. Students who engage in academic dishonesty diminish their education and bring discredit to the University community. Avoid situations likely to compromise academic integrity such as: cheating, facilitating academic dishonesty, and plagiarism; modifying academic work to obtain additional credit in the same class unless approved in advance by the instructor, failure to observe rules of academic integrity established by the instructor**. The use of another person's ideas or work claimed as your own without acknowledging the original source is known as plagiarism and is prohibited**.

Diné Philosophy of Education

        The Diné Philosophy of Education (DPE) is incorporated into every class for students to become aware of and to understand the significance of the four Diné philosophical elements, including its affiliation with the four directions, four sacred mountains, the four set of thought processes and so forth: Nitsáhákees, Nahát'á, Íína and Siih Hasin which are essential and relevant to self-identity, respect and wisdom to achieve career goals successfully.

Students with Disabilities

        The Navajo Technical University and **Sumathi Ragavanantham , Assistant Professor, Schoolof Engineering, Math and Technology** are committed to serving all enrolled students in a non-discriminatory and accommodating manner. Any student who feels he/she may need an accommodation based on the impact of disability or needs special accommodations should inform NTU in accordance with the procedures of the subsection entitled "Students with Disabilities" under Section 7: Student Support Programs, NTU Student Handbook.

Email Address

Students are required to use NTU's email address for all communications with faculty and staff.

Final Exam Date: May 09th 2022