Course Title: Web Standards **IT 270**

Credit Hours: 3

Cap:

Faculty: Dr. Mahmoud Darwich, Ph.D.   **E-mail**: mdarwich@navajotech.edu
Office: **Office Phone**:
Office Hours: by appointment
Class Location: online
Class Meeting Times: online

Required Materials:

Textbooks: Murach's HTML and CSS, 4th Edition.
                 Authors: Anne Boehm and Zak Ruvalcaba
                 Publisher: Murach
                 ISBN: 978-1-943872-26-8
Tools: Sublime editor

Lab Fee:

Mission Statement
Navajo Technical University's mission is to provide University readiness programs, certificates, associate, baccalaureate, and graduate degrees. Students, faculty, and staff will provide value to the Diné community through research, community engagement, service learning, and activities designed to foster cultural and environmental preservation and sustainable economic development. The University is committed to a high quality, student-oriented, hands-on-learning environment based on the Diné cultural principles: *Nitsáhákees, Nahátá, Íína, Siihasin.*

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.

Week	Chapters
1	

2	
	Setting the Foundations
3	
4	Getting Your Styles to Hit the Target
5	Visual Formatting Model Overview
6	
7	Using Backgrounds for Effect
8	Styling Links
9	Styling Lists and Creating Nav Bars
10	
11	
	Styling Forms and Data Tables
12	Layout
13	Bugs and Bug Fixing
14	Case Study: Roma Italia
15	Case Study: Climb the Mountains
16	
17	
	Grades are due to the Registrar
	Graduation

COURSE OUTCOMES	COURSE MEASUREMENTS
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	

Grading Plan

Homework   40%   A = 100 - 90%
Mid-term   30%

Final Exam	30%	B = 89 - 80%
		C = 79 - 70%
		D = 69 - 60%
		F < 60%

Grading Policy

Each student must do his or her own homework and case studies. Discussion among students on homework and cases is encouraged for clarification of assignments, technical details of using software, and structuring major steps of solutions - especially on the course's Web site. Students must do their own work on the homework and exam. Cheating and Plagiarism are strictly forbidden. Cheating includes but is not limited to: plagiarism, submission of work that is not the student's own, submission or use of falsified data, unauthorized access to exam or assignment, use of unauthorized material during an exam, supplying or communicating unauthorized information for an assignment or exam.

Attendance Policy

Students are expected to regularly attend all classes for which they are registered. 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 his/her responsibility to complete all course work by the 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 spent in a class, a student is expected to spend two hours (2) outside of class studying the course materials.

Study Time for Hybrid or Blended Courses
For a hybrid or blended course of one (1) credit hour, a student is expected to spend three (3) hours per week studying the course materials.

Study Time for Online Courses
For an online course of one (1) credit hour, a student is expected to spend four hours (4) per week studying the 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.

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 the School of Engineering, Mathematics 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.