

NITSÁHÁKEES

NAHAT'Á

'IINÁ

SIIH HASIN

**NAVAJO TECHNICAL UNIVERSITY**

E S T A B L I S H E D 1 9 7 9

## WEB DESIGN CONCEPTS

**3 Credits**  
**ITS 142-6**  
**Spring 2022**

**Instructor:** Duwayne Thomas  
**Office Hours:** 8:00am to 5:00pm

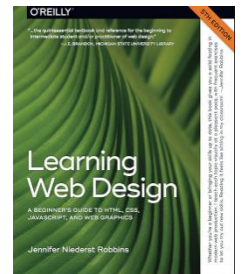
**E-mail:** dthomas@navajotech.edu  
**Office Phone:** 1 (928) 674-5764

**Class Location:** Computer Lab  
**Class Meeting Times:** Mondays, 9:00am to 11:40am

### **Required Materials:**

**Textbook:** Learning Web Design, 5<sup>th</sup> Edition, ISBN: 978-1-491-96020-2

**Materials:** Notebooks, pens, pencils, usb drive, printing paper, and laptop



### **Mission Statement**

Navajo Technical University's mission is to provide college 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, Nahatá, Íina, Siihasin.*

**Course Description:** This course will apply programming skills to create Internet-ready web pages. Other development languages will enable students to use their programming skills to create more professional web pages. This hands-on course will focus on the design and maintenance of World Wide Web pages, and is not intended to develop Internet Skills such as browsing, searching, downloading, telnet, or FTP. Prerequisite: ITS-107 and CMP 241.

### **Course Objectives**

After successfully completing this course:

1. Create and manage web page designing.
2. Create professional quality Web pages that are easy to maintain and modify.
3. Generate properly formatted charts and graphs in a web page.
4. Develop and document a formal webpage presentation at end of semester

<b>COURSE OUTCOMES</b>	<b>COURSE MEASUREMENTS</b>
Create and manage web page designing.	Student will provide completed Web Pages at the completion of each Lesson with evidence of 75% accuracy
Create professional quality Web pages that are easy to maintain and modify.	Students will create several Web page documents with evidence of 75% accuracy
Generate properly formatted charts and graphs in a web page	Students will create several Web pages containing graphs and charts with evidence of 75% accuracy
Develop and document a formal webpage presentation	Students will be required to create two web pages for Mid-Term and Final Exam

### 15 Week Course Outline

Week	Date	Chapters	Assignments	Quiz
1	1/17/22	Introduction and Syllabus Chapter 1: Where Do I Start? Lecture	Pre-Assessment Exam Ch. 1 Elements & Ex	
2	1/24/22	Chapter 2: How the Web Works and Chapter 3: Some Big Concepts You Need	Ch. 2 Elements & Ex Ch. 3 Elements & Ex	Ch. 1
3	1/31/22	Chapter 4: Creating a Simple Page (H) and Chapter 5: Marking Up Text	Ch. 4 Elements & Ex Ch. 5 Elements & Ex	Ch. 2 and Ch. 3
4	2/07/22	Chapter 6: Adding Links	Ch. 6 Elements & Ex	Ch. 4 and Ch. 5
5	2/14/22	Chapter 7: Adding Images	Ch. 7 Elements & Ex	Ch. 6
6	2/21/22	Chapter 8: Basic Table Markup and	Ch. 8 Elements & Ex	
7	2/28/22	Chapter 9: Forms	Ch. 9 Elements & Ex	
8	3/07/22	Mid-Term Exam		
9	3/14/22	Chapter 10: What's Up, HTML5?	Ch. 10 Elements & Ex	Ch. 10
10	3/21/22	Chapter 11: CSS Orientation	Ch. 11 Elements & Ex	Ch. 10
11	3/28/22	Chapter 12: Formatting Text	Ch. 12 Elements & Ex	Ch. 11
12	4/04/22	Chapter 13: Colors and Backgrounds	Ch. 13 Elements & Ex	Ch. 12
13	4/11/22	Chapter 14: Thinking Inside the Box	Chapter 14 Elements a Ex	Ch. 13
14	4/18/22	Chapter 15: Floating and Positioning	Chapter 15 Elements &	Ch. 14
14	4/25/22	Chapter 16: CSS Layout with Flexbox	Chapter 16 Elements and	Ch. 15
15	5/02/22	Post Assessment Exam		
16	5/09/22	FINAL EXAM—	Exam	Ch. 11--16

## Grading Plan:

Coursework will be weighted as follows:

1. Attendance (Moodle)	25%
2 Homework (Moodle)	25%
3. Participation (Moodle)	25%
4. Quizzes/Tests (Moodle)	<u>25%</u>
	100%

## 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.

## Participation

Students are expected to attend and participate in all class activities- as listed above, as it is 25% of the grade. Points will be given to students who actively participate in class activities including field trips, laboratories, and ask questions of guest speakers and other presenters.

## Cell phone and head phone use

Please turn cell phones off or place them on silence or vibrate mode **BEFORE** coming to class. Also, answer cell phones **OUTSIDE OF CLASS** (not in the classroom). Exercising cell phone use courtesy is appreciated by both the instructor and classmates. Headphones are to be removed before coming to class.

## Attendance Policy

Students are expected to log into Moodle class page every week regularly, complete course work and take quizzes in a timely manner. This will serve as attendance. Absence from Moodle class page, regardless of the reason, does not relieve the student of his/her responsibility to complete all course work by the required deadlines. Incomplete or missing quizzes 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) weeks of inactivity in Moodle class page 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.

### **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, Íina 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 Chinle Learning Center 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 the instructor privately of such so that accommodations arrangement can be made. Students who need an accommodation should also contact the Special Needs Counselor at 505-786-4138.

### **Computer Services**

Students using computers at NTU are expected to follow the Information Technology policy and procedures. Students using NTU e-mail, Internet Services, or any university software or hardware, should have an understanding that this technology is provided by NTU and is the property of NTU. The university reserves the right to review and monitor the use of hardware and software belonging to the school or personal equipment utilized on school premises. Such rights include the auditing of documents sent, received, or viewed through the Internet and e-mail.