Instructor: Dr. Albert Tsao
Course Hours: Monday 6:30-9:30PM, SM 203
Office hours: Monday and Friday 5:30-6:30 pm, and by appointment
E-mail: albert999tsao@gmail.com
Text: Internet & World Wide Web (How to Program) By Deitel & Deitel Fifth Edition (Optional)

Online: http://www.w3schools.com/html/default.asp

Prerequisites: CSC1130 or equivalent experience with JAVA or C++

Course Description:

Design and implementation of real-world client-side applications. Covers: HTML5, creating images, web design software to create web pages, scripting language (JavaScript) to enhanced the functionality and appearance of web pages, Dynamic HTML (CSS-Cascading Style Sheet, Object Model and Collections, Event Model), Multimedia (Audio, Video), XML, Ajax, jQuery, and Twitter Bootstrap.

Course Objectives:

- Understand how Web Browser and Web Server work (PLOs 2)
- Learn all the HTML Tags (PLOs 2)
- Work with different images (PLOs 2)
- Learn Cascading Style Sheets (CSS) (PLOs 2)
- Learn the features of JavaScript Language (PLOs 2)
- Learn the concept and implementation of Dynamic HTML (PLOs 2)
- Learn Document Object Model (DOM) (PLOs 2)
- Work with Multimedia (PLOs 2)
- Learn XML and JSON (PLOs 2)
- Learn jQuery (PLOs 2)
- Learn Twitter Boostrap (PLOs 2)
- Process a Form and store and e-mail the information from the form (PLOs 2)
• Design a complete client-side application (PLOs 3)

* “PLOs” refers to the ‘CIS Program Learning Outcomes’ which can be found in the catalog

Assessment Methods:

- Through homework and programming assignments
- Through quizzes and tests
- Through a comprehensive project

Tentative Schedule:

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Syllabus, Introduction to HTML5: part 1</td>
</tr>
<tr>
<td>2</td>
<td>Introduction to HTML5: part 2</td>
</tr>
<tr>
<td>3</td>
<td>Cascading Style Sheets (CSS)</td>
</tr>
<tr>
<td>4</td>
<td>Cascading Style Sheets (CSS), quiz</td>
</tr>
<tr>
<td>5</td>
<td>JavaScript</td>
</tr>
<tr>
<td>6</td>
<td>JavaScript</td>
</tr>
<tr>
<td>7</td>
<td>Midterm</td>
</tr>
<tr>
<td>8</td>
<td>Break</td>
</tr>
<tr>
<td>9</td>
<td>JQuery</td>
</tr>
<tr>
<td>10</td>
<td>XML, Ajax</td>
</tr>
<tr>
<td>11</td>
<td>Twitter Bootstrap</td>
</tr>
<tr>
<td>12</td>
<td>Twitter Bootstrap</td>
</tr>
<tr>
<td>13</td>
<td>Quiz, Project</td>
</tr>
<tr>
<td>14</td>
<td>Project</td>
</tr>
<tr>
<td>15</td>
<td>Final</td>
</tr>
</tbody>
</table>

Final Exam:      May 4, 2020 6:30-9:30 PM

Programs and Test:

- Weekly programming assignment 20%
- Midterm 20%
- Quizzes 10%
- Final 25%
- Project 25%

Project:

You will develop a real-world application as final project for this class. This project will be graded based on difficulty of the elements used, functionality, and the presentation. You will make a presentation of your project during the last meeting of this class in the front of an audience including the other students in the class.
Homework:  
Homework will be assigned each class and it is due next class meeting.

Attendance is mandatory. Missed classes will cause severe problems to your progress. Full preparation for every class is very important to your success.

Letter grades will be assigned on the following basis:

A = 93-100, A- = 89-92  
D+ = 59-62, D = 54-58, D- = 50-53  
B+ = 85-88, B = 80-84, B- = 76-79  
F = 0-49.

C+ = 72-75, C = 67-71, C- = 63-66

FG =  25% Final Exam + 25% Tests & Quizzes +  
25% Practical Homework + 25% Project

Incomplete:
An "Incomplete" may be given to a student who has maintained satisfactory attendance and work throughout most of a course, including Independent Study, but due to extraordinary circumstances is unable to complete the required work by the end of the semester/session in which the course was taken. See the College Catalog below (p.56) https://www.ndnu.edu/documents/university-catalog-2018-2019.pdf#page=73

Average Student Workload Expectations:  Class time consists of 45 hours and students are expected to attend. Students are expected to engage in approximately 90 hours of out-of-class homework over the fifteen weeks, or approximately six hours per week. Course assignments are made in accordance with this expectation.

Workload Distribution:

- Hours in Class: 45
- Readings: 30
- Written Assignments 60

Student Success Center  650-508-3696
The Student Success Center (SSC), located in the Campus Center, is dedicated to supporting students’ academic success at NDNU. The SSC provides writing and subject tutoring, test proctoring for students with accommodations, facilitates the math placement test (MPT), and is open for students from 8:00 a.m. – 10:00 p.m. with business hours from 9:00 a.m. – 5:00 p.m.

For more information, see: https://www.ndnu.edu/academics/student-success-center/

The goal of the Student Success Center is to promote student learning and academic innovation. Professional staff members, peer tutors, academic advisors, and faculty work together to promote a supportive educational environment. Writing and subject tutoring schedules are forwarded directly to students’ NDNU e-mails and are included in the Student Weekly Update circulated by NDNU’s Communications Department.

Writing labs are offered in lower and upper division English courses. Writing tutoring is available on a drop-in basis and virtual writing tutoring is by appointment for our off-campus sites. Basic English language assistance is provided to international students who may need support writing papers or with general English. A writing lab dedicated to both APA and MLA writing styles is also offered. Math, computer science, and the sciences subject tutoring are led by peer tutors and a professional math tutor. Subjects, schedules, and tutor details are available at the Student Success Center.

Disability Resource Center
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Students with disabilities, whether physical, learning, or
psychological, who believe that they may need accommodations in this class are encouraged to contact the Disability Resource Center as soon as possible to ensure that such accommodations are implemented in a timely fashion. Please meet with the DRC staff to verify your eligibility for any classroom accommodations and for academic assistance related to your disability. Accommodations are not provided retroactively. The Disability Resource Center is located at St Joseph Hall, 117. Please contact the DRC by email at DRC@ndnu.edu or by phone at 650-508-3670.

Counseling Services  (650) 508-3714  Counselingservices@ndnu.edu  New Hall E18 / E19

The mission of Counseling Services is to promote and enhance the overall wellbeing of students so that they may reach their potential for personal growth and academic success. Counseling Services is open Monday-Friday from 9am to 5pm, and currently enrolled students are welcome to call, email or drop-by to schedule an appointment.

Course Evaluations/Teaching Effectiveness Surveys: Term 2 and Full-Semester
Spring 2020 Full-semester and Term 2 courses

Teaching Effectiveness Surveys (course evaluations) will be available online through Campus Portal from April 27 – May 15, 2020. Your feedback regarding courses and faculty is very important to Notre Dame de Namur University, to your faculty, and to me as the instructor for this course. Your feedback helps us review and improve their teaching, helps departments/programs review and improve program content, and is used by the university in making decisions about tenure, promotion, and hiring decisions for part-time faculty.

Directions: To access, please enable pop-ups in your browser (uncheck pop-up blocker), then in Campus Portal look for the "You have an active survey" link in the left sidebar. Click that link to open the Course Evaluation Surveys page, which has a link to a survey for each course in which you're enrolled. Your feedback is very important! Please complete your evaluations for all your courses promptly. Remember: Your responses are anonymous.

Academic Honesty
NDNU’s core values include learning, integrity, and honesty, values we live out in all areas of our learning community. Academic honesty means you are able to demonstrate your own knowledge and skills and receive feedback on your learning that can help you improve. By taking responsibility for your own work and avoiding actions that could give you an unfair advantage over others, you are contributing to the NDNU learning community and developing professional skills and values that will serve you well into the future. Academic honesty is one of the most important values of a university community, and breaches of this trust have serious consequences. Please see the Student Handbook for a detailed discussion of Academic Conduct expectations.

Key Academic Calendar Dates
• Monday, January 20 – Martin Luther King Day
• Drop Deadline: Tuesday, January 26
• Thursday, February 6: Professional Development Day
  • no classes before 3:00pm
• February 26 – March 3 – Midterm
  • March 9 – 13 Spring Break
• Friday, March 4 – Midterm and Term 1 grades due
• May 1 – May 6 Finals
• Final Grades Due Friday, May 15