

Bergen Community College
Division of Business, Math & Social Science

Information Technology
Course Syllabus

Course Title:
INF-147 – Web Development Using Dreamweaver
Credits/Hours:
3 credits/2 hours lecture, 2 hours lab
Course Description:
Web Development Using Dreamweaver introduces students to web page authoring using a What-You-See-Is-What-You-Get editing environment. This course will focus on technical mastery of the software tools and techniques used to create web pages with Dreamweaver, and on an understanding of the technical and environmental issues that affect web page design, performance, and effectiveness. Graphic design issues will be addressed in this context. Recommended co-requisites: INF-161 or INF-162 or INF-163 (To be successful in this course, students should adhere to the recommendation).
Textbooks and Supplies:
See course outline

Student Learning Objectives	Assessment Measures
Upon successful completion of this course, the student should be able to:	
1. Understand fundamental web environment concepts	Written exam
2. Understand the various basic purposes of web sites	Written exam
3. Create web pages using text, image, hyperlink, animation and audio components	Lab activity/test
4. Manage the linking of components throughout a web site	Lab activity/test
5. Employ tables, frames and layers in the layout of components on a web page	Lab activity/test
6. Manipulate and optimize images and multimedia content for use on web pages	Lab activity/test
7. Create and optimize animations and dynamic content	Lab activity/test
8. Incorporate interactive elements in a web site	Lab activity/test
9. Publish original web pages, including a comprehensive final project.	Lab activity/test

College Competencies:	Student Learning Objective:
1. COMMUNICATION—Students will read, write, speak, and listen effectively.	3, 5, 6, 7, 9

2. CRITICAL THINKING—Students will actively reflect on, reason about, and form independent judgments on a variety of ideas and information, and use these skills to guide their beliefs and actions.	3, 4, 5, 6, 7, 9
3. CIVIC RESPONSIBILITY—Students will demonstrate an awareness of the responsibilities of intelligent citizenship in a diverse and pluralistic society, and will demonstrate cultural, global, and environmental awareness.	1, 2, 9
4. QUANTITATIVE REASONING—Students will correctly apply and reason about mathematical and formal concepts and operations, and will correctly interpret and analyze numerical data.	5, 6, 7, 8
5. TECHNOLOGICAL AND INFORMATION LITERACY—Students will demonstrate computer literacy, and will be able to retrieve, organize, and analyze information using both technological and traditional means.	1-9
6. INTERPERSONAL SKILLS—Students will demonstrate an ability to maintain personal and professional relationships, engage in meaningful teamwork, and resolve conflicts.	9
7. APPLIED KNOWLEDGE—Students will demonstrate an understanding of, and apply, bodies of knowledge within and across disciplines.	9
8. CREATIVITY AND AESTHETIC APPRECIATION—Students will demonstrate an understanding and appreciation of the creative process, and an ability to think and express ideas creatively.	4-9

Course Content:	
See course outline (available from instructor)	
Assessment:	
An average of 60% from combined assessment measures is required to demonstrate minimal proficiency in course material.	
90% or above	A
85%	B+
80%	B
75%	C+
70%	C
60%	D
Less than 60%	F
Tests/Quizzes/Projects/Classwork:	
Three tests (weeks 4, 8 and 12)	45%
Quizzes	15%
Final project presentation (week 15)	15%
Class work	25%
Optional Service Learning Project (see Course Outline)	
There will be three exams given during the course. Each exam will be drawn from the new material presented in class. There will be several short quizzes as chapters are completed. Each quiz will be given at the very beginning of a class session and only students who are present when the quiz is distributed may participate. In borderline cases that arise in almost every class each semester, a student's class participation, attitude, and observed effort will be considered in helping to determine the student's final grade.	

Students **are required** to take examinations on the day and time they are scheduled. If special circumstances require a test schedule adjustment, this must be **worked out in advance** with the instructor. If a student misses an exam (except for prearranged circumstances with the instructor) a zero grade will be assigned.

The instructor can be reached by **telephone** (see course outline for appropriate phone number), **e-mail, or written note** left in the Divisional Office (during the day) A-306C or the Evening Office L-113. If there are extreme circumstances (documentation may be required) that prevent a student from taking a test according to the published schedule, use one of the above options to contact the instructor before the next class. An arrangement for a special testing schedule is solely at the **discretion of the instructor**. A student who waits for the next class session to speak with the instructor will not be accommodated with a special test schedule.

It is the student's responsibility to finish an examination correctly and completely. Therefore, when computer Scantron forms are used as answer sheets, the student **must use** a Number 2 lead pencil and erase all stray marks completely. The burden of proper erasure **is at test taking time**. Once the examinations are returned to the students, there will be **no grade adjustments** made due to inappropriate completion of the response form.

Laboratory Work:

This course requires significant hands-on work; students are expected to spend approximately 2-4 hours per week outside of class, working on hands-on assignments. Only by applying concepts and skills introduced in class can the desired education and training be actualized. Students may choose to work at home and access the Internet; yet, this is not required. Course related software and Internet access are provided via the computers in the free-time laboratory.

The lab assignments are required for grading. They must be submitted as the student enters the lab on the assignment due date, and **cannot be handed in late**. Certain lab assignments will be given and completed during one lab session. In this case, the student must submit the assignment upon exiting the lab. Laboratory assignments that were not collected before the end of lab must be completed during free time.

Homework:

In addition to any homework assignment given during class, it is a **standing assignment** that the student read each chapter of the book prior to its discussion. Following the class discussion, the student should reread the material and work with the exercises throughout the text. It is anticipated that students will spend 2-4 hours per week reading the text and working with the exercises and supplemental resources.

Policies:

- Lateness – The roll will be taken at the beginning of class. If the student is not in attendance at that time, he/she will be carried in the roll book as being absent unless the instructor is notified immediately after class. Attendance sheets cannot be adjusted at following class meetings.
- The student must adhere to all college polices. Due to the nature of this course, it is recommended that the student review the policy titled "*Acceptable Information Technology Use at Bergen Community College*".
- The use of portable electronic devices such as pagers and cell phones is not permitted while class is in session. Please be sure to silence electronic devices before entering class.

- The use of audio CD or tape players, radios, and college computers to play music during class is prohibited.
- Students are expected to demonstrate listening, reading, note taking, and writing skills. The student will need to take notes during class discussions and understand and follow verbal and written directions. All assignments and correspondence with the instructor (including e-mail) must be well written in full sentence format. Proper paragraph format must be used for all postings to the student bulletin board (if applicable).
- The subject line of all e-mail correspondence to the instructor must contain the course number and section and student's name. Any e-mail received without this information will not be opened.
- Plagiarism in any form will be treated as a failure to complete an assignment. All work submitted should reflect individual effort by the student.
- In borderline cases that arise in almost every class each semester a student's attendance, class participation, attitude, and observed effort will be considered in helping to determine the student's final grade.

If the instructor does not appear after 20 minutes following the scheduled time, students should generate an attendance list. One volunteer member need deliver the list, containing the course title, date, and instructor's name, to the Evening Office L-113 or to the Divisional Office (during the day) A-306C.