

CPSC 2125 Introduction to Web Development
Spring 2018
Midterm Exam
Thursday, March 8th

The Midterm Exam is a timed, take-home, problem-solving exam. The duration of the Midterm Exam is four (4) hours. The beginning of the exam is the time stamp of downloading the exam text and files and the end of the exam is the time stamp of submitting your midterm exam in the Midterm Exam Dropbox. **The duration of your exam must be less than four (4) hours: (time stamp of your files saved in the dropbox – time stamp of downloading the exam files <= 4 hours).**

You have to solve a problem writing a HTML and CSS code. Your HTML and CSS codes have to be developed on your local machine. Your Midterm Exam solution (all files) has to be zipped and submitted in the Midterm Exam Dropbox before the deadline. **Midterm Exam files submitted with a time stamps after the end of the Midterm Exam (dropbox time stamp - download exam time stamp > 4) will not be graded.**

The exam is open textbook; you can use the course notes (slides), assignment files, student data files, tutorials, and Internet resources. **No make-up Midterm Exam will be given unless the exam was missed due to a documented emergency.**

Take-home exams are expected to be private work of each individual student. Under no circumstances may there be any discussion of the exam during the examination period (even if you finish before the end of the allotted period). The student HTML and CSS code will be checked for plagiarism (unauthorized collaboration, identical submission in whole or parts). Please refer to the Academic Integrity section of the class syllabus.

Problem.

The Nomad Ltd Company is offering different kind of gears and tours. You have to develop a splash Web page *nomadLtd<yourInitials>.html* and a second Web page *underConstruction<yourInitials>.html* for this company.

1. Create a folder *Midterm Exam<yourInitials>* on your local machine. Using the links on the CougarView Midterm Exam, download and save in the folder, the Midterm Exam text (this text) and the *images.zip* file. Unzip *images.zip* to have a subfolder *images* with .jpg and gif images you have to use developing the Web pages.
2. Develop in your *Midterm Exam<yourInitials>* folder:
 - *nomadLtd<yourInitials>.html* Web page
 - *underConstruction<yourInitials>.html* Web page
 - *nomad.css* Cascading Style Sheet
- 2.1 Develop two-column page layout *nomadLtd<yourInitials>.html* Web page that consists of left navigation, main, and footer elements. See the screenshot below for a similar Web page. Use external CSS *nomad.css* to configure the elements of

the Web page. The left column is a navigation area with links for Gears, Travel, and About Us. All links have to point to your *underConstruction<yourInitials>.html* page. Use the following images for the left column: *nomad.gif*, *gear.gif*, *travel.gif*, *about.gif*. The right column contains main with a logo (*welcome.jpg*), two headers – Nomad winter tours! (in red) and Schedule your vaccine against cabin fever (in black). Below the headers you have three pictures (*athlete.gif*, *arts.gif*, and *leisure.gif*). At the bottom of the main add another one – *skibar.jpg*. All images on the main element have to be links to the *underConstruction<yourInitials>.html* page. All elements on the main have to be centered. The footer has to contain the following text: *Copyright © 2018 Last Updated on 03/08/2018*, italics, positioned at the right side of the footer. Use a background color #eeeeee for the left column and background.gif as a background for the Web page, main, and footer.



2.2 Develop a *underConstruction<yourInitials>.html* Web page that looks as the Web page snapshot. You can use the *construction.jpg* image from the *images* folder and the *nomad.css* developed for the *nomadLtd<yourInitials>.html* Web page

2.3. Develop an external cascading style sheet *nomad.css* and apply it to the *nomadLtd<yourInitials>.html* and *underConstruction<yourInitials>.html* Web pages. It should contain rules (selectors and declarations) for the elements of the *nomadLtd<yourInitials>.html* and *underConstruction<yourInitials>.html* Web pages and all other rules necessary to present the required Web pages content.

This Web page is under construction. Please check back!

Click your browser's Back button to return to the referring page.

Submission: Zip your *Midterm Exam*<yourInitials> folder and submit the zip file in the Midterm Exam dropbox on the class CougarView site. The zip file should contain your *nomadLtd*<yourInitials>.html, *underConstruction*<yourInitials>.html, *nomad.css*, and *images* folder.

Grading:

Web page: <i>nomadLtd</i> <yourInitials>.html	Points:	35
Left column	15	
Main	15	
Footer	5	
Web page: <i>underConstruction</i> <yourInitials>.html	Points:	15
Text elements	7	
Images	8	
CSS: <i>nomad.css</i>	Points:	50
Web page rules	5	
Left column rules	15	
Main rules	20	
Footer rules	10	
Total:	100	100