Instructions:

You have an entire class period to develop the following web site. You can use any reference material you find helpful. You can work on these pages in any order. The goal of this midterm is to test your technical proficiency so focus on getting each task working. Add additional complexity and aesthetics at the end, time permitting. I highly recommend using the JavaScript error console for debugging any errors you might run into.

Create a Colorado cycling tourism web site based on the mock-ups provided. Treat the mock-ups as example pages, your design should be close but does not need to exactly match mine.

1. Colorado cycling tourism web site 10 points
   a. Navigation on all pages
   b. Make your site responsive for different size screens and resolutions.
   c. Home page (index.html) with Telluride.jpg image
2. A page with a slideshow of images of cycling in Colorado (trips.html) 30 points
   a. Create an animated slideshow of images
   b. The images should change at a set time interval, no click or other event should be needed
   c. Use cycling1 – cycling7.jpg images
3. Show a Colorado destination based on the type of cycling the user choses (destinations.html) 30 points
   a. Let the user chose from 3 different types of cycling (use icon images)
   b. Image and description changes based on type of cycling
   c. Cycling types and destinations
      1. Road
         • Steamboat.jpg
         • The wide-open rolling terrain of the Yampa Valley has long been home to Steamboat's ranching legacy. Pedal our roads and you will be rewarded with miles of great vistas. Popular routes include everything from 20-mile out and backs, to 40-mile circuits, to mixed dirt touring, to epic hill climbs and century rides. Road rides vary in mileage so you'll have options for a quick cruise, or an all-day crusher.
      2. Mountain
         • CrestedButte.jpg
         • Crested Butte and the Gunnison Valley offer an expansive mountain-biking experience like no other. The area's more than 750 miles of mountain-biking trails lead to wildflower-peppered valleys, unparalleled mountain vistas and multi-hued desert expanses.
      3. Cyclocross
         • Boulder_valmont.jpg
         • The Boulder Valmont Bike Park is a 42-acre, natural surface cycling terrain park offering diverse amenities for several riding styles and abilities. The park is free and open daily from dawn to dusk.

4. A page with cycling safety tips (safety.html bouldercreekpath.jpg) 30 points
   a. There should be two or more categories that when clicked on shows information for that category. Clicking a second time hides the information.

    b. This page must be written in jQuery
    c. Content:
       1. Rules of the road
- On roads ride with the flow of traffic, not against it
- Obey all traffic laws
- Communicate your intention to turn, stop, and change lanes using hand signals.

       2. Equipment
- Wear a properly fitted bike helmet
- Make sure your bike is properly adjusted and maintained
- Inflate your tires to the recommended pressure

       3. Be visible
- Wear bright clothing during the day
- Wear reflective clothing at night
- Front and rear lights are recommended

Requirements:
- Web pages must meet the required functionality, design elements don't need to match exactly
- Use external css files
- Use external js files
- JavaScript events must be implemented using event listeners (addEventListener). HTML and DOM event handlers will not be accepted.

Grading rubric:
- Technical requirements 85%
- Design and aesthetics 15%