You final project will consist of many things that were taught throughout this term. The overall design and subject matter is mostly left up to you. There are a few restrictions, but mostly you have full design rights. With that said…

**These are the requirements for your website and css files.**

* 4 web pages (minimum)
  + Home - overall topic
  + Sub-topic 1
  + Sub-topic 2
  + About / Contact
  + 12+ images (hint - an image in your logo goes a long way)
  + 2+ tables with statical data or relevant information
  + 20+ hyperlinks (hint - breadcrumbs count)
  + 4+ lists (description, ordered or unordered)
* 3 css files (minimum)
  + Reset browser defaults
  + Content elements sizing, color, styles, and families
  + Container elements padding, margins, borders, colors, sizing, overflows
  + All styles must be controlled through the css files. No embedded or inline styles allowed

**These are the restrictions for your website.**

* All web page files must be in in one folder
* All images, videos, and other media must be in a “images” subfolder
* All css files must be in a “css” subfolder
* All media, images, content / language **must** be appropriate for all audiences, ie. PG-13 rated.

**Topic for your website.**

* Sports, sport teams, fishing, hunting, sailing
* Countries around the world, states, cities, places of interest
* Internet technologies, new techno devices and gadgets
* Books, movies, and/or music
* Travel, adventure, backpacking, camping
* Foods, cooking, BBQ, smoking, slow roasting

Your website should be fun, entertaining, informative, exciting, easy to read and follow. You should provide enough content to fully explain your topic and not so much as to confuse your audience. **All textual work must be your own**, no cutting and pasting content/articles from other websites. Your web pages should be designed to fill the majority of a computer browser window with enough content to make the page look like it is full if content. Images, videos, tables and other objects should not fill up the majority of the web page, but rather complement the context around it.

During your presentation, you will start off by showing your website without the css styles added, then you will show what changes were made by your styles. (ie. fonts, styles, sizes, colors, backgrounds, etc.)

**List of required elements and attributes.**

* Comments **must** be used throughout all your web pages
* Proper HTML structure
* Head elements must include
  + Meta data ( 5+ keywords ) about your website and current web page
  + Title
  + Links to css files
  + Language attribute
* Proper use of text elements
  + Headers
  + Paragraphs
  + Div elements (parent & child)
* Tables **must** have captions, header row, footer, and row spanning
* Your home web page **must** include ARIA role attributes
* Your design must efficiently use box modeling methods
  + Margins
  + Borders
  + Padding
  + Float / overflow
* Your web page must be responsive to at least half its original width

**List of required styles**

* Nav links (navigational links and breadcrumbs) must have pseudo styles for: link, visited, and hover
* Text elements must use
  + Font properties: family, sixe, style, variant, and weight
  + Text properties: align, decoration, indent, transform, and color
* Box model must use
  + Borders, padding, margins, sizing, color, background, and overflow
  + Float attributes and controls