# IT 3203 Web Development Project General Guidehttps://encrypted-tbn3.google.com/images?q=tbn:ANd9GcTLAZpQzmzAPnXtyNCq1onsRE4y0bvoWlMvd3YA8Lt715oLXEJxWA

**Fall 2025**

**Project Overview**

In this project, you will create a simple website to present your research work. The project will be completed in three milestones.

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| **Milestone** | **Objective** | **Technology/Content Focus** |
| #1 | Build the basic site with informational web pages on your chosen web tech topic. | HTML/CSS Module 2 and 3 |
| #2 | Create a client-side quiz app for users to assess their learning and knowledge of your technology topic. | JavaScript and form processing (events, DOM) Module 4 and 5 |
| #3 | Make the site responsive and friendly for screens of various sizes including mobile devices.  Complete your research. | Responsive Web Design, mobile web, user experience Module 6 |

**The research**

The research is an extension of your assignment 1 essay. You may change to another web tech and development related topic if you want to. No matter what topic you choose, the research needs to go beyond what the course has already covered.

The following topics are also recommended:

1. Search engine optimization (SEO)
2. Cookie and privacy
3. Progressive web application
4. GitHub CoPilot – AI use in web development
5. Mobile browsers

**\*\*\*\* Please refer to each milestone guide for specific requirements and grading rubric. The following are some general requirements to all milestones. \*\*\*\***

**General requirements applied to all milestones**

1. Site design
   1. All pages should have a consistent design and layout.
   2. Use a simple business style, neat and clean; not too colorful and flashy.
   3. Create your own page style. Please do not use any unapproved third-party style templates, frameworks, or libraries.
2. File/code organization requirements
   1. You should not use any wizard to generate complex HTML/CSS, nor should you copy and paste code from other sources without cleaning it.
   2. All pages should work on your hosted site correctly.

**Examples sites for your reference**

Please use the websites below as a reference (both content wise and page design wise) when developing your own site.

* Perception <https://jackwestin.com/resources/mcat-content/perception> - see the three subpages (topics) linked to the section home page. The pages are generally clean and simple. Ignore the sign-in, toolbar, and ads part.
* Internet History and Usage <https://itwebtutorials.mga.edu/html/chp1/history.aspx> - refer to its page content organization and chapter organization (of course we don’t have that many chapters). Ignore the Google Search part.
* Wikipedia article <https://en.wikipedia.org/wiki/Responsive_web_design>
* Selected prior student projects: <https://ksuweb.github.io/IT3203/website-examples.html>

A screenshot of a web page

Description automatically generatedA screenshot of a computer

Description automatically generated

**General submission requirements**

1. Maintain a live working website for the project on the Internet. Provide the correct site link in D2L Assignment Dropbox comment area.
2. Submit all source code files in a .zip file.
3. Project report if required.

**General grading guide**

Your grade is determined by:

* The live site works correctly.
* You need to complete the requirements specified in each guide.
* Web page design quality (style) and creativity.
* Well-formed and clean code. You should not use any wizard to generate the code, nor should you copy and paste codes from other sources without cleaning it.
* Following the submission requirements.