Capstone Project Web Page Structure

Project websites are required to have the listed content on the following due dates:

Midpoint of first semester

- Home
    - Descriptive title for the project. Who is the sponsor? One-sentence statement: what is the project goal, and why is it important
- Problem definition page
    - Problem statement. Includes
        - Stakeholders
        - Target specifications
        - Background – what's being done now, and what's wrong with it?
        - Goal – where we want to be at the end of the project
- Team page: who are we?
    - Team picture(s) and bios
- Project Management page
    - Statement of Work
    - Work breakdown structure
        - What tasks must be accomplished?
        - Who is responsible for each task?
            - Schedule, e.g. a Gantt chart. Date to complete each task; milestones
- Document archive
    - meeting minutes, specifications, other project documents

End of first semester

- Update the problem definition page to reflect the current understanding of the project.
- Update the project management page with an updated work breakdown structure, milestones, task completion status, and schedule. Note, this data will be updated weekly, but the end of semester deliverable is a good time to review process.
- Add a conceptual generation page that includes documentation of
    - functional requirements
    - a breadth of concepts that satisfy functional requirements
    - the concept selection process
    - the selected concept
- Update the document archive with charts and models produced as part of your conceptual design process (i.e. an axiomatic design tree), your interim report, and preliminary design review slides in addition to regular updates to the meeting minutes.

Midpoint of second semester

- Update the project management page with an updated work breakdown structure, milestones, task completion status, and schedule. Note, this data will be updated weekly, but this deliverable is a good time to outline the fabrication plan.
- Add a detailed design page that includes documentation of

    - the final, manufacturabe product in terms of geometry, layout, and schematic representations
    - models, simulations, and calculations relevant to the product design
    - a parts list/BOM
    - the DFMEA
- Update the document archive with the actual DFMEA chart and any CAD models that were produced

End of second semester

- Update the detailed design page to include documentation of
    - The final product (images, movies, etc.)
    - Test results of the final project
    - A comparison of the final product to the developed specs
- Update the document archive with your final report, presentation, and poster files.