EDSGN 100 Introduction to Engineering Design

Guidelines for the online design portfolio

Your design portfolio should be done in HTML format (by any webpage editor) and should begin with a standard main cover page. The design portfolio should be posted on www.personal.psu.edu/ website with the URL as http://www.personal.psu.edu/YourUserID/EDSGN100/index.html or set up an account on http://www.weebly.com/. This online design portfolio is the culmination of practices problems/exercises of both SolidWorks and graphics, and two design projects. It will be visited by other students and faculty, and possibly your potential employees. To facilitate browsing, reading, we require some standard items for the design portfolio’s “cover page”.

1. The design portfolio must include (but not limited to) the following items (Note: We do not seek to limit your creativity in documenting your design portfolio, merely to define some minimal information that must be provided when someone first accesses your design portfolio page.):
   (1) A cover page indicating the design portfolio title (large font size), the sponsor, course number and name (normal/small font size), section number, your face photo, submitted by and submitted to with email links, a nice solid model image with SolidWorks, and date of submission.
   (2) Abstract (executive summary) for the design portfolio (no more than 50 words)
   (3) Table of contents (the design portfolio must be easy to navigate)
   (4) Your current resume
   (5) Course syllabus
   (6) Practice problems and exercises
   (7) The first design project
      • Project description page
      • Image of the 3D solid Model
      • Assembly drawing
      • Three detail drawings of the design
      • Main design features
(8) The second design project

• Project description page
• Image of the 3D solid Model
• Assembly drawing
• Three detail drawings of the design
• Main design features

(9) Summary and conclusions

(10) Acknowledgement (if any)

(11) References (if any)

2. The design portfolio must be published on the web before 5:00 p.m. on the last day of the class.

3. Please send the course instructor an email indicating the URL of your design portfolio cover page by the due date.