

Assignments 12 and 13: Design changes

Reading

ESW p263-281

Creating Design Changes

Assignments 12 and 13 will be combined and due Tuesday before class. Submit a written document (about 1 page) and a 5-10 minute presentation for the tasks below.

Identify potential Disney ride design features to address the causal factors you found in your STPA Step 2 analysis.

Identify human factors design features that should be included your Disney ride design.

Identify specific features to:

- 1) Minimize the chance of operator errors in the first place
- 2) Make errors easy to detect when they are made
- 3) Minimize the consequences of errors once they are made
- 4) Make errors reversible / correctable

MIT OpenCourseWare
<http://ocw.mit.edu>

16.63J / ESD.03J System Safety
Fall 2012

For information about citing these materials or our Terms of Use, visit: <http://ocw.mit.edu/terms>.