

Examination Feedback for EEE115 – Systems Engineering
Spring Semester 2010-11

Feedback for EEE115 Session: 2010-2011

Feedback: Please write simple statements about how well students addressed the exam paper in general and each individual question in particular including common problems/mistakes and areas of concern in the boxes provided below. Increase row height if necessary.

General Comments:

Overall I was happy with the response to the assignment. Most people grasped an understanding of component tolerances and the practicalities of designing with component tolerances in mind and performed well in this exercise.

A few things to watch out for:

When designing with component tolerances you need to account for both the positive and negative tolerance and choose the most critical. A number of candidates only used one tolerance and did not check the other.

Another common mistake was using the incorrect random number generator function for a uniform and/or Gaussian distribution.

You should always check EVA analysis by going back to your original model.

Matlab can be used to count yield, do not rely on manual counting.