

ISE 2211 Statistics for Engineers

Homework #4 - Chapter 4 (Montgomery & Runger, 5ed)

Chapter 4 Continuous Random Variables and Probability Distributions

Exponential Distribution

Examples:

4-21, page 133

4-22, page 135

Problems:

Pages 136 - 138, Problems 4-93, 95, 97, 99, 103, 105, 107, 109

Answers to odd-numbered problems can be found in Appendix B.

Weibull Distribution

Example:

4-25, page 143

Problems:

Pages 143 - 144, Problems 4-125 a, 4-129 a & c, 4-131 a & c, 4-135 a & b, 4-137 a & b,

Answers to odd-numbered problems can be found in Appendix B.