

ISE 2211 Statistics for Engineers

Homework #4 - Chapter 4 (Montgomery & Runger, 6ed)

Chapter 4 Continuous Random Variables and Probability Distributions

Exponential Distribution

Examples:

4-21, page 134

4-22, page 135

Problems:

Pages 137 - 138, Problems 4-115, 117, 119, 121, 125, 127, 129, 131

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

Weibull Distribution

Example:

4-25, page 144

Problems:

Pages 144 - 145, Problems 4-153 a, 4-157 a & c, 4-159 a & c, 4-163 a & b, 4-165 a & b,

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