

Recommended COURSE SEQUENCING for PASS – Engineering Statistics

Please use this document as a guide to help you determine a reasonable sequence for the courses you need to complete your PASS. Retain this document for planning, and use it as a checklist to keep track of your work. For the PASS – Engineering Statistics you must take the eight (8) required courses and four (4) elective courses. Prior to taking courses in Group B, you must take the required courses in Group A. Before taking any courses in Group C, you must take any required courses in Group B, plus any Group B electives you may choose, and so on. Within a group, the order in which you take courses is not so important, except for courses explicitly numbered in sequence.

GROUP A		Course Date	GROUP C		Course Date
<input type="checkbox"/>	Introduction to Design of Experiments	Required	<input type="checkbox"/>	Matrix Algebra Review	Required
<input type="checkbox"/>	Probability Distributions	Required	<input type="checkbox"/>	Advanced Logistic Regression	Elective
<input type="checkbox"/>	Regression Analysis	Required	<input type="checkbox"/>	Advanced Survival Analysis	Elective
<input type="checkbox"/>	Statistical Process Control (SPC)	Required	<input type="checkbox"/>	Introduction to Quantitative Risk Analysis	Elective
<input type="checkbox"/>	Acceptance Sampling for Quality Control	Elective	<input type="checkbox"/>	Maximum Likelihood Estimation	Elective
			<input type="checkbox"/>	Spatial Statistics with Geographic Information Systems	Elective
GROUP B			GROUP D		
<input type="checkbox"/>	Engineering Statistics	Required	<input type="checkbox"/>	Multivariate Statistics	Elective
<input type="checkbox"/>	Logistic Regression	Required	<input type="checkbox"/>	Spatial Statistics in R	Elective
<input type="checkbox"/>	Survival Analysis	Required			
<input type="checkbox"/>	Advanced Design of Experiments	Elective			
<input type="checkbox"/>	Environmental Statistics	Elective			
<input type="checkbox"/>	Forecasting	Elective			
<input type="checkbox"/>	Interactive Data Visualization	Elective			

Be certain to check back at statistics.com for updates to your PASS. Required courses are fixed for each candidate at the time of enrollment in the program. Updates will not affect your program requirements, but you may wish to take any new courses that are added.