## One-Week Short Course on Uncertainty Quantification, Detail Syllabus Alexandria Validation Consulting, LLC Subject to Change as Appropriate

	Monday Day One	Tuesday Day Two	Wednesday Day Three	Thursday Day Four	Friday Day Five
08:00AM- 09:20AM	Course Overview	Intervals, P-Box, and Credal Set	Response Surfaces via Polynomial Chaos	Statistical Inference Overview	Markov Chain Monte- Carlo
				Bayesian Inference	
09:20AM- 10:40AM	Probability Theory	Dempster-Shafer, Fuzzy, and Hierarchy	Supplemental Margins		P-values
				Neyman-Pearson Confidence	NP Hypothesis Tests
10:40AM-	Interpreting	Dependency Issues	- Early start on	-	- Early start on
12:00PM	Probability		workshop -	Predictive Distributions and Tolerance Structures	- workshop -
01:00PM- 05:00PM	WORKSHOP ONE	WORKSHOP TWO	WORKSHOP THREE	WORKSHOP FOUR	WORKSHOP FIVE
07:00PM- 09:00PM	RECITATION	RECITATION	RECITATION	RECITATION	Long workshop, no recitation