



SCALE KENO-VI Criticality Safety Training Course Oak Ridge National Laboratory

Monday	
8:15 a.m.	Overview of SCALE System
8:45 a.m.	Introduction to CSAS6
9:00 a.m.	Standard Composition Library
9:15 a.m.	Break
9:30 a.m.	Material Information Processor
10:00 a.m.	Resonance Self-Shielding
10:45 a.m.	Break
11:00 a.m.	Unit Cell Data / MORE Data
12:00 p.m.	Lunch
12:45 p.m.	GeeWiz Tutorial for 1-D Problems
1:30 p.m.	Problem Session 1
5:00 p.m.	Conclusion

Tuesday	
8:00 a.m.	Review of Problem Session 1
8:30 a.m.	Introduction to Monte Carlo and Uncertainties
9:30 a.m.	Break
9:45 a.m.	KENO-VI Input / Parameter Data
10:00 a.m.	KENO-VI Geometry Data
11:00 a.m.	Break
11:15 a.m.	KENO-VI Geometry Modification Data
11:45 a.m.	KENO-VI Plot Data
12:00 p.m.	Lunch
12:45 p.m.	Problem Session 2 (GeeWiz tutorial for KENO-VI)
5:00 p.m.	Conclusion



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Wednesday

8:00 a.m.	Review of Problem Session 2
8:30 a.m.	KENO-VI Contents Data / Holes
9:15 a.m.	Break
9:30 a.m.	KENO-VI Contents Data / Arrays
10:15 a.m.	Introduction to KENO-VI output
10:45 a.m.	Break
11:00 a.m.	KENO3D Tutorial
12:00 p.m.	Lunch
12:45 p.m.	Problem Session 3
5:00 p.m.	Conclusion

Thursday

8:00 a.m.	Review of Problem Session 3
8:45 a.m.	Start Data / Boundary Data/ Bias Data
9:30 a.m.	Break
9:45 a.m.	Key KENO Parameters for Advanced Problem Analysis
10:45 a.m.	Problem Session 4
12:00 p.m.	Lunch
12:45 p.m.	Problem Session 4 (continued)
5:00 p.m.	Conclusion

Friday

8:00 a.m.	Review of Problem Session 4
8:45 a.m.	Plotting KENO-VI Results with KMART6 and KENO3D
10:00 a.m.	Break
10:15 a.m.	Optional problem session
11:30 a.m.	Conclusion