



## SCALE KENO V.a Criticality Safety Training Course Oak Ridge National Laboratory

<b>Monday</b>	
8:00 a.m.	Overview of SCALE System
8:45 a.m.	Introduction to CSAS
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
10:30 a.m.	Break
10:45 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

  

<b>Tuesday</b>	
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 V.a Parameter Data
10:00 a.m.	KENO V.a Geometry Data (Part I)
11:00 a.m.	Break
11:15 a.m.	KENO V.a Geometry Data (Part II)
11:45 a.m.	KENO V.a Plot Data
12:00 p.m.	Lunch
12:45 p.m.	Problem Session 2 (GeeWiz tutorial for KENO V.a)
5:00 p.m.	Conclusion



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### Wednesday

8:00 a.m.	Review of Problem Session 2
8:30 a.m.	Hole Data
9:15 a.m.	Break
9:30 a.m.	Array Data
10:15 a.m.	Introduction to KENO V.a 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
9:00 a.m.	Start Data / Boundary Data/Bias Data
9:30 a.m.	Break
9:45 a.m.	Search Data
10:45 a.m.	Break
11:00 a.m.	Key KENO V.a parameters for advanced problem analysis
12:00 p.m.	Lunch
12:45 p.m.	Problem Session 4
5:00 p.m.	Conclusion

### Friday

8:00 a.m.	Review of Problem Session 4
8:45 a.m.	Plotting KENO V.a Results with KMART5
10:00 a.m.	Break
10:15 a.m.	Optional problem session
11:30 a.m.	Conclusion