

SCALE Training: NCSU TRITON/Sampler

March 2017

Monday (9:00-5:00)

Morning	9:00 AM	9:40 AM	SCALE 6.2 Overview
	9:40 AM	10:00 AM	Training Overview and How to Run SCALE Tutorial
	10:00 AM	11:00 AM	SCALE Material Descriptions
	11:00 AM	11:30 AM	Material Workshop
	11:30 AM	12:15 PM	SCALE Cross-section Processing, Part I, Basic Cell Processing
Lunch (12:15 – 1:00)			
Afternoon	1:00 PM	1:30 PM	Cross-Section Processing Workshop, Part I
	1:30 PM	1:45 PM	Introduction to NEWT Transport Module
	1:45 PM	2:30 PM	NEWT Geometry, Part I, Basic Geometry
	2:30 PM	3:30 PM	NEWT Workshop, Part I
	3:30 PM	4:30 PM	NEWT Geometry, Part II, Geometry Modifiers
	4:30 PM	5:00 PM	NEWT Workshop, Part II

Tuesday (8:00-5:00)

Morning	8:00 AM	9:30 AM	NEWT Geometry, Part III, Holes and Arrays
	9:30 AM	11:00 AM	NEWT Workshop, Part III
	11:00 AM	11:30 AM	The TRITON Depletion Sequence
	11:30 AM	12:00 PM	Depletion Workshop, Part I
Lunch (12:00 – 1:00)			
Afternoon	1:00 PM	1:30 PM	TRITON Depletion, Part II, Advanced Depletion Options
	1:30 PM	2:15 PM	Depletion Workshop, Part II
	2:15 PM	3:00 PM	TRITON Depletion, Part III, Timetable
	3:00 PM	4:00 PM	Depletion Workshop, Part III
	4:00 PM	5:00 PM	Monte Carlo Depletion

Wednesday (8:00-5:00)

Morning	8:00 AM	8:30 AM	TRITON Wrap-up
	8:30 AM	9:15 AM	Uncertainty Fundamentals
	9:15 AM	10:00 AM	Sampler Overview
	10:00 AM	10:15 AM	break
	10:15 AM	11:00 AM	Sampler Tutorial with Decay Problem
	11:00 AM	11:30 AM	Sampler Variables and Responses
	11:30 AM	12:00 PM	Manipulating the SCALE Document Object Model
Lunch (12:00 – 1:00)			
Afternoon	1:00 PM	1:45 PM	Data Visualization with Fulcrum
	1:45 PM	3:45 PM	Sampler Workshop
	3:30 PM	4:15 PM	Towards Full Core UQ
	3:45 PM	4:15 PM	Sampler Workshop Solutions
	4:15 PM	5:00 PM	<i>Capstone Problem Introduction and Teams</i>

Thursday (8:00-12:00)

Morning	8:00 AM	9:00 AM	Creation of ORIGEN libraries using TRITON
	9:00 AM	9:30 AM	ORIGAMI Introduction and Examples
	9:30 AM	11:00 AM	<i>Work on Capstone Problem</i>
	11:00 AM	12:00 PM	Sampler Q/A
Lunch (12:00 – 1:00)			
Afternoon	1:00 PM	2:00 PM	<i>Work on Capstone Problem</i>
	2:00 PM	3:00 PM	Towards Full Core UQ
	3:00 PM	5:00 PM	<i>Work on Capstone Problem</i>

Friday (8:00-12:00)

Morning	8:00 AM	-	<i>Capstone Problem Solutions Due</i>
	8:00 AM	9:00 AM	Model Development Philosophy
	9:00 AM	9:45 AM	<i>Capstone Teams Create Presentation Slides</i>
	9:45 AM	11:30 AM	<i>Capstone 5 min. Team Presentations</i>
	11:30 AM	12:00 PM	Capstone Winner Announced and General Wrap-up