

Date	Day	AM	PM	Evening
6/3	Monday	Program Orientation and Introduction (Katsuyo Thornton, 0.5 hr) Pre-module surveys (1 hr) The Evolution of Modeling for Industrial Applications (Alan Taub, 1.5 hr)	Welcome Luncheon at Noon Overview of CMSE and Intro to Computation (Katsuyo Thornton, 1.5 hr) Molecular Dynamics (Liang Qi, 1.5 hr)	
6/4	Tuesday	ICME (John Allison, 1.5 hr) Computational Thermodynamics (Paul Mason, 1.5 hr)	Computational Thermodynamics Module (directed) (Paul Mason/Jason Luce/Katsuyo Thornton)	
6/5	Wednesday	Monte Carlo & Kinetic Monte Carlo (Anton Van der Ven, 1.5 hr) Density Functional Theory (Mark Asta, 1.5 hr)	Density Functional Theory Module (directed) (Saeed Kazemiabnavi/Mark Asta/Katsuyo Thornton) Poster introduction	Poster session with dinner
6/6	Thursday	Computational Mechanics/FEM (R. Edwin Garcia, 1.5 hr) Moose FEM framework (Larry Aagesen, 1.5 hr)	Computational Mechanics Module (directed) (Katsuyo Thornton/Raul Enrique/Larry Aagesen)	
6/7	Friday	Computational Kinetics/Phase-Field Modeling (Jon Guyer, 1.5 hr) Effective Teaching (Joanna Millunchick, 1.5 hr)	Kinetics Module (directed) (Jon Guyer/David Montiel Taboada/Raul Enrique/Katsuyo Thornton)	
6/8	Saturday	(Participants are expected to review materials over weekend)	Social/networking activity	
6/9	Sunday	(Participants are expected to review materials over weekend)	(Participants are expected to review materials over weekend)	
6/10	Monday	Computational Thermodynamics Module (self-directed) (Katsuyo Thornton/Raul Enrique); New Problem Development	Computational Mechanics Module (self-directed) (Katsuyo Thornton/Raul Enrique); New Problem Development	
6/11	Tuesday	Density Functional Theory Module (self-directed) (Katsuyo Thornton/ Raul Enrique) Open Source Code Resources: PRISMS (Steve DeWitt/Brian Puchala/Glenn Tercea/ Reza Yaghoobi)	Kinetics Module (self-directed) (Katsuyo Thornton/ Raul Enrique/David Montiel Taboada); New Problem Development	
6/12	Wednesday	Active Learning (Grenmarie Agresar) Review/preparation time for Practice Teaching Sessions (Students)	Practice Teaching Sessions (Students)	
6/13	Thursday	Practice Teaching Sessions (Students)	Practice Teaching Sessions (Students)/Presentation of New Problems	7:00 Graduation Dinner
6/14	Friday	UM Facilities Tour	Departure	Departure