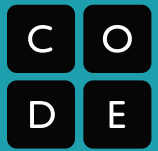


# Agenda for Phase 2 of Project GUTS



## Teaching and Learning Studio

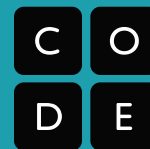
Hosted By:



Nova Southeastern University (NSU)  
Carl DeSantis Building, Rooms 1053 & 1054  
3301 College Avenue  
Fort-Lauderdale-Davie, FL 33314

|         | Time        | Activity   |
|---------|-------------|--|
| Monday  | 8:00 – 8:30 | Registration and Breakfast   |
|         | 8:30 – 4:30 | Welcome/Introductions/Logistics/Agenda<br>Review Phase 1; Preview Phases 2 & 3<br>Module 1 – Introduction to Computer Modeling and Simulation<br>Lessons 1 – 6: Complex Adaptive Systems & model build sequence<br>Teacher practice: guiding model specification<br>Teacher practice: guiding the creation of models<br>Teacher Lesson Work Time<br>Debrief and online reflections<br>Wrap-up  |
| Tuesday | 8:00 – 8:30 | Registration and Breakfast   |
|         | 8:30 – 4:30 | Welcome and Daily Overview<br>Computational Science Cycle<br>Use-Modify – Create trajectory<br>Scientific practices with computer models<br>Pedagogy and Best practices from Project GUTS<br>Teacher Practice: guiding the observation of computer models<br>Teacher Practice: guiding the development of experimental designs<br>Teacher Practice: guiding the use models to conduct experiments<br>Debrief and online reflections<br>Wrap-up |

# Agenda for Phase 2 of Project GUTS



|           |             |   |
|-----------|-------------|---|
| Wednesday | 8:00 – 8:30 | Registration and Breakfast  |
|           | 8:30 – 4:30 | Welcome and Daily Overview<br>Groupings by discipline: Earth Science, Life Science, Physical Science<br>Modules 2, 3, and 4 in small groups<br>Teacher Lessons Activity and base models<br>Teacher Practice: guiding decoding of abstractions<br>Teacher Practice: guiding the modification of models<br>Teacher Practice: guiding the development of experimental designs<br>Teacher Practice: guiding the use of models to conduct experiments<br>Teacher Practice: customizing models to reflect local phenomena<br>Debrief and online reflection<br>Wrap-up; Final reflections and Evaluation |