

NORFMA HEC-RAS 2D Online Training Agenda

MODULE 1 (1D Unsteady Refresher)

Event	Time		Duration (hrs)
Introduction	8:00	8:15	0.25
Lecture: Unsteady Flow Review	8:15	9:15	1
break	9:15	9:30	0.25
Lecture: Modeling Lateral Weirs and Storage Areas	9:30	10:30	1
Workshop: Lateral Structures and Storage Areas	10:30	12:00	1.5

MODULE 2 (Start RAS2D)

Event	Time		Duration (hrs)
Introduction	8:00	8:15	0.25
Review: Lateral Structures and Storage Areas	8:15	8:45	0.5
Lecture: Introduction to 2D Modeling in HEC-RAS	8:45	9:45	1
break	9:45	10:00	0.25
Lecture: 2-D Theory	10:00	11:00	1
Lecture: RAS Mapper	11:00	12:00	1

MODULE 3

Event	Time		Duration (hrs)
Lecture: Creating 2D Areas	8:00	9:30	1.5
Lecture: Viewing 2D Output and Results	9:30	10:30	1
Break	9:30	9:45	0.25
Workshop and Review: Creating a Mesh	9:45	11:45	2

MODULE 4

Event	Time		Duration (hrs)
Review: Creating a Mesh	8:00	8:30	0.5
Workshop: Exploring Mesh Resolution	8:30	10:00	1.5
Break	10:00	10:15	0.25
Review: Exploring mesh resolution	10:15	10:45	0.5
Workshop: 2D Inline Project	10:45	11:54	1.15

MODULE 5

Event	Time		Duration (hrs)
Workshop: 2D Inline Project (continued)	8:00	8:30	0.5
Review: 2D Inline Project	8:30	9:00	0.5
Lecture: Troubleshooting	9:00	10:00	1
Break	10:00	10:15	0.25
Workshop and Review: Troubleshooting	10:15	12:00	1.75

Note: Knowledge and familiarity with HEC-RAS 1D is a pre-requisite. The first 4-hour module is designed only to be a refresher. It does not provide the 1D foundation to take a RAS2D short course.