

## Module 5 – Advanced Fire Modeling

### Course schedule

#### Day 1

08:00 – 10:00 Introductions, course overview  
10:00 – 10:15 Break  
10:15 – 12:00 Software loading / troubleshooting / example calculations  
12:00 – 13:00 Lunch  
13:00 – 15:00 Overview of Fire Modeling Application Guidelines  
15:00 – 15:15 Break  
15:15 – 17:00 Fire modeling V&V / Uncertainty analysis

#### Day 2

08:00 – 10:00 Principles of fire behavior  
10:00 – 10:15 Break  
10:15 – 12:00 Principles of fire behavior  
12:00 – 13:00 Lunch  
13:00 – 15:00 Fire modeling tools  
15:00 – 15:15 Break  
15:15 – 17:00 Fire modeling tools

#### Day 3

08:00 – 10:00 FMAG case study A  
10:00 – 10:15 Break  
10:15 – 12:00 FMAG case study B  
12:00 – 13:00 Lunch  
13:00 – 15:00 FMAG case study C  
15:00 – 15:15 Break  
15:15 – 17:00 FMAG case study D

#### Day 4

08:00 – 10:00 FMAG case study E  
10:00 – 10:15 Break  
10:15 – 12:00 FMAG case study F  
12:00 – 13:00 Lunch  
13:00 – 15:00 FMAG case study G  
15:00 – 15:15 Break  
15:15 – 17:00 FMAG case study H

## Day 5

08:00 – 10:00 Example problem for students to work

10:00 – 10:15 Break

10:15 – 12:00 Example problem for students to work

12:00 Adjourn