



INTRODUCTION TO MODEL-BASED SYSTEMS ENGINEERING

TOPIC SUMMARY: Model Based Systems Engineering or MBSE is the interconnectivity of data sources using a single authoritative “Source of Truth” to model a physical system across its lifecycle. It is becoming increasingly mandatory for successful integration and management of DoD architectures, ranging from the smallest drones to major missile defense systems. Because MBSE is comprehensive, but modular, it is capable of solving problems at any level of design and any program lifecycle phase. When applied appropriately, MBSE significantly improves project cost, schedule, and performance while maintaining quality across the entire project lifecycle.

COURSE LEARNING OBJECTIVES:

- Understand MBSE basics and limitations
- Address considerations for making the decision to implement MBSE for a given project
- Provide insight on the value proposition for MBSE
- Learn how to implement select aspects of MBSE, using examples and models

PRICING:

Individual: \$300 per person

Group Discount: 10% for 15+ attendees

Contracted Option: \$6,500 for up to 30 attendees

- **OPTION 1:** 1 full, 8-hour day
(if at AMIIC, lunch is included)
- **OPTION 2:** 2 consecutive half-days

DELIVERY: In-person

DURATION: 8-hour;
if at AMIIC, lunch is included

For more information, visit amiic.us.

