



## INTRODUCTION TO ADDITIVE MANUFACTURING WORKFLOW

### WHO IS THIS CLASS FOR?

Engineers and practitioners in the Aerospace, Defense, Electronics, Medical, Energy, Automotive, Architectural industries, and more.

### HOW CAN I APPLY THIS ADDITIVE MANUFACTURING KNOWLEDGE TO MY SKILL SET?

Participants can apply their knowledge in areas of rapid prototyping and tooling, direct part manufacturing, repair, and more.

### WHAT ARE THE BENEFITS OF ADDITIVE MANUFACTURING?

Additive manufacturing can be used to:

- accelerate time to market
- supply chain consolidation
- design freedom
- reduction in tooling
- reduction of material waste
- low and mid-volume production

### COURSE LEARNING OBJECTIVES:

- Summarize the Additive Manufacturing (AM) workflow
- Describe the benefits and limitations of Material Extrusion AM
- Navigate software to produce Computer Aided Design (CAD) models
- Prepare files for printing using the MakerBot Print slicer
- Set up a MakerBot Method X unit for building parts
- Recommend solutions for common build errors
- Demonstrate acquired skillsets by completing an AM project

### PRICING:

**Individual:** \$1,500 per student, which covers the following:

- 3 days of instruction from Subject Matter Experts
- Course materials and consumables
- Lunch and refreshments for 3 days

**DELIVERY:** In-person

**DURATION:** 3 days, April 26 -28

For more information, visit [amiic.us](http://amiic.us).

