

Wednesday (26 Sep 2018)

	Time		Topic				Speaker	
Riverview Cafe	7:00 - 8:00		Registration and Continental Breakfast					
Meyer Room	8:00 - 8:15		Welcome and General Announcements				Ms. Debora Naguy, AFLCMC/EZP	
Meyer Room	8:15 - 9:00		Way Forward with Additive Manufacturing				AFLCMC	
Meyer Room	9:00 - 9:45		State of Additive Manufacturing (AM)				AFRL	
Meyer Room	9:45 - 10:00		Break					
Meyer Room	10:00 - 10:30		Integrating Metals AM				REACT	
Meyer Room	10:30 - 11:00		Validating & Qualifying Components using New Technologies				TBD	
Meyer Room	11:00 - 11:30		Course track information				UDRI	
Riverview Cafe	Lunch							
	Meyer Room	Marshall Room	North Dining Room	Auditorium	M2265 - 60	M2320-32	ATTC	ATTC
13:00	Class 1 (50)	Class 2 (50)	Class 3 (50)	Class 4 (50)	Class 5 (25)	Class 6 (25)	Hands On 1 (4)	Hands On 2 (4)
13:15	Fundamentals of AM & Cold Spray	Fundamentals of AM & Cold Spray	Fundamentals of AM & Cold Spray	Fundamentals of AM & Cold Spray	No class offered	No class offered	Hands on Operator Training on Fortus 900 (Polymers)- Group 1, Part 1	Hands on Operator Training on Fortus 900 (Polymers)- Group 2, Part 1
13:30								
13:45								
14:00								
14:15								
14:30								
14:45								
15:00								
15:15								
15:30								
15:45	Break	Break	Break	Break	Support structure & print file prep w/ Insight (polymers)	SoldWorks refresher		
16:00	Types of Additive Processes	AM Case Study	Guidance - AM Facility Requirements (Metals & Polymers)	Design for AM (Metals)				
16:15								
16:30								
16:45								

Lecture

Computer Lab courses

Operator training (hands on)


Thursday (27 Sep 2018)				ATTC	ATTC
	Time	Topic	Speaker	Hands On 1 (4)	Hands On 2 (4)
Riverview Cafe	7:00 - 8:00	Registration and Continental Breakfast		Hands on Operator Training on Fortus 900 (Polymers)- Group 1, Part 2	Hands on Operator Training on Fortus 900 (Polymers)- Group 2, Part 2
Meyer Room	8:00 - 8:45	America Makes - Topic 1			
Meyer Room	8:45 - 9:30	America Makes - Topic 2			
Meyer Room	9:30 - 10:15	America Makes - Topic 3			
Meyer Room	10:15 - 10:30	Break			
Meyer Room	10:30 - 11:00	Tinker Topic TBD	AFSC		
Meyer Room	11:00 - 11:45	AM Case Studies			

Lunch

	Meyer Room	Marshall Room	North Dining Room	Auditorium	M2265 - 60	M2380 - 40	M2320 - 32	ATTC	ATTC
	Class 1 (50)	Class 2 (50)	Class 3 (50)	Class 4 (50)	Class 5 (25)	Class 6 (25)	Class 7 (25)	Hands On 3 (4)	Hands On 4 (4)
13:00	AM Materials (Metals & Polymers)	Support Structure Considerations (Metals & Polymers)	Guidance - AF AM Policy	AM Case Study	Support structure & print file prep w/ insight (Polymers)	Basic Solidworks Training	Scanning & Modeling w/ DesignX	Hands on Operator Training on Fortus 900 (Polymers)- Group 3, Part 1	Hands on Operator Training on Fortus 900 (Polymers)- Group 4, Part 1
13:15									
13:30									
13:45	Break	Break	Break	Break	Break				
14:00	Design for AM (Polymers)	AM Case Study	Guidance - AM Facility Requirements (Metals & Polymers)	Post Processing (Polymers)	Build file preparations & support generation using SolidWorks, Magics, EOS Print, RP Tools (Metals)	Basic Solidworks Training	Scanning & Modeling w/ DesignX	Hands on Operator Training on Fortus 900 (Polymers)- Group 3, Part 1	Hands on Operator Training on Fortus 900 (Polymers)- Group 4, Part 1
14:15									
14:30									
14:45	Break	Break	Break	Break	Break				
15:00	Post Processing (Polymers)	Open Meeting Space	AM Case Study	Post Processing (Metals)	Build file preparations & support generation using SolidWorks, Magics, EOS Print, RP Tools (Metals)	Basic Solidworks Training	Scanning & Modeling w/ DesignX	Hands on Operator Training on Fortus 900 (Polymers)- Group 3, Part 1	Hands on Operator Training on Fortus 900 (Polymers)- Group 4, Part 1
15:15									
15:30									
15:45	Break	Break	Break	Break	Break				
16:00	Post Processing (Metals)	Open Meeting Space	AM Case Study	Design for AM (Metals)	Build file preparations & support generation using SolidWorks, Magics, EOS Print, RP Tools (Metals)	Basic Solidworks Training	Scanning & Modeling w/ DesignX	Hands on Operator Training on Fortus 900 (Polymers)- Group 3, Part 1	Hands on Operator Training on Fortus 900 (Polymers)- Group 4, Part 1
16:15									
16:30									
16:45									

 Lecture

 Computer Lab courses


 Operator training (hands on)

Friday (28 Sep 2018)

	Meyer Room	Marshall Room	North Dining Room	M2265 - 60	M2320-32	ATTC	ATTC
	Class 1 (50)	Class 2 (50)	Class 3 (50)	Class 4 (50)	Class 5 (25)	Hands On 3 (4)	Hands On 4 (4)
8:00	Types of Additive Processes	Guidance - AF AM Policy	Cold Spray Materials	Advanced Support Structure Design and Print file prep w/ Insight for current Insight users	Scanning & Modeling w/ DesignX	Hands on Operator Training on Fortus 900 (Polymers)- Group 3, Part 2	Hands on Operator Training on Fortus 450 (Polymers)- Group 4, Part 2
8:15							
8:30							
8:45							
	Break	Break	Break				
9:00	Support Structure Considerations (Metals & Polymers)	Guidance - AM Facility Requirements	Design for cold spray				
9:15							
9:30							
9:45							
	Break	Break	Break				
10:00	AM Study Case	Open Meeting Space	Cold Spray Case Study				
10:15							
10:30							
10:45							
	Break	Break	Break				
11:00	AM Study Case	Open Meeting Space	Cold Spray Facility Tour				
11:15							
11:30							
Lunch							

 Lecture

 Computer Lab courses

 Operator training (hands on)