

Flight and Ground Vehicle Simulation Course - 2017

TIME	MONDAY January 23, 2017	TUESDAY January 24, 2017	WEDNESDAY January 25, 2017	THURSDAY January 26, 2017	FRIDAY January 27, 2017	
7:30 AM	Sign in and Continental Breakfast (7:30-8:15am)					
7:45 AM						
8:00 AM						
8:15 AM	Introduction and Welcome	Continental Breakfast (8:00-8:30am)	Continental Breakfast (8:00-8:30am)	Continental Breakfast (8:00-8:30am)	Continental Breakfast (8:00-8:30am)	
8:30 AM	Simulation Fundamentals - Professor Frank Cardullo (8:30-9:30am)	Mathematical Modeling of Vehicle Dynamics Part 1 - R. Thomas Galloway (8:30-9:30am)	Distributed Simulation/ High Level Architecture Overview - Dr. Andreas Talk (8:30-9:30am)	Visual Perception and Display - Dr. James Davis (8:30-9:30am)	Visual Display Systems - Dr. James Davis (continued)(8:30-9:30am)	
8:45 AM						
9:00 AM						
9:15 AM						
9:30 AM	Break (9:30-9:45am)	Break (9:30-9:45am)	Break (9:30-9:45am)	Break (9:30-9:45am)	Break (9:30-9:45am)	
9:45 AM	Simulation Fundamentals - Professor Frank Cardullo (continued) (9:45am- 10:45am)	Mathematical Modeling of Vehicle Dynamics Part 2 - David R. Gingras (9:45am-10:45am)	Distributed Simulation/ High Level Architecture Overview - Dr. Andreas Talk (continued) (9:45am-10:45am)	Computer Image Generation -Olen Atkins (9:45am-10:45am)	Visual Display Systems - Dr. James Davis (continued)(9:45am-10:45am)	
10:00 AM						
10:15 AM						
10:30 AM						
10:45 AM	Break (10:45am-11am)	Break (10:45am-11am)	Break (10:45am-11am)	Break (10:45am-11am)	Break (10:45am-11am)	
11:00 AM	Simulation Applications in Training - Dr. Valerie Gawron (11am-12pm)	Mathematical Modeling of Vehicle Dynamics Part 3 - David R. Gingras (11am- 12pm)	Distributed Simulation/ High Level Architecture Overview - Dr. Andreas Talk (continued) (11am-12pm)	Computer Image Generation -Olen Atkins (continued) (11am-12pm)	Real Time Computing - Roy Latham (11am-12pm)	
11:15 AM						
11:30 AM						
11:45 AM						
12:00 PM	Lunch (12-1pm)	Lunch (12-1pm) Deadline to sign up for GEOWeb 3D Demo	Lunch (12-1pm) Deadline to sign up for TechWorks!	Lunch (12-1pm) Deadline to sign up for Diamond Visionics Demo	Lunch (12-1pm)	
12:15 PM						
12:30 PM						
12:45 PM						
1:00 PM	Simulation Applications in Training - Dr. Valerie Gawron (continued) (1:00- 2:00pm)	Validation and Evaluation of Flight Simulators Part 1 -R. Thomas Galloway (1:00-2:00pm)	Motion and Force Cueing - Professor Frank Cardullo (1:00-2:00pm)	Computer Image Generation -Olen Atkins (continued) (1:00-2:00pm)	Simulator Systems Integration - Professor Frank Cardullo (1:00-2:00pm)	
1:15 PM						
1:30 PM						
1:45 PM						
2:00 PM	Break (2:00-2:15pm)	Break (2:00-2:15pm)	Break (2:00-2:15pm)	Break (2:00-2:15pm)	Break (2:00-2:15pm)	
2:15 PM	Flight Control System Simulation - James Takats (2:15-3:15pm)	Validation and Evaluation of Flight Simulators Part 2 -David R. Gingras (2:15- 3:15pm)	Motion and Force Cueing - Professor Frank Cardullo (continued) (2:15- 3:15pm)	Computer Image Generation -Olen Atkins (continued)(2:15-3:15pm)	Simulator Systems Integration - Professor Frank Cardullo (continued)(2:15-3:30pm)	
2:30 PM						
2:45 PM						
3:00 PM						
3:15 PM	Break (3:15-3:30pm)	Break (3:15-3:30pm)	Break (3:15-3:30pm)	Break (3:15-3:30pm)		
3:30 PM	Flight Control System Simulation - James Takats (continued) (3:30-4:30pm)	Flight Simulator Qualification - Dr. Jeffery Schroeder (3:30-4:30pm)	Motion and Force Cueing - Professor Frank Cardullo (continued) (3:30-4:30pm)	Visual Display Systems - Dr. James Davis (3:30-4:30pm)	End of Course - Depart 3:30pm	
3:45 PM						
4:00 PM						
4:15 PM						
4:30 PM	End of Day 4:30pm	End of Day 4:30pm	End of Day 4:30pm	End of Day 4:30pm		
4:45 PM	Reception with members of the Greater Binghamton Modeling and Simulation Coalition (4:45-6:30 pm) Hot and Cold Hors d'Oeuvres, Open Bar	OPTIONAL: 5:00-6:00pm GEOWeb 3D Demonstration/Discussion - Sign up in advance by lunchtime on January 24th	OPTIONAL: 5:00-6:30pm TechWorks! Open House - Must sign up in advance by lunchtime on January 25th	OPTIONAL: 4:45-6:00pm Diamond Visionics Demo - Must sign up in advance by lunchtime on January 26th	Thank you for Coming and Travel Home Safely!	
5:00 PM						
5:15 PM						
5:30 PM						
5:45 PM						
6:00 PM						
6:15 PM						OPTIONAL: (7:05pm - Binghamton Senators Ice Hockey Game)
6:30 PM						