

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