

SIMULATION COURSE



AVT 101: Simulation Overview

AVT 101: Simulation Overview examines the major components of a simulator from a top level. The course, taught by industry professionals who have years of experience working in the field and instructing, describes how the elements of the simulator experience all fit together to create an immersive environment. It covers general principles of simulation, standard visual solutions and many other aspects of the simulator, such as simulator support, concurrency, maintenance and safety.

The courses are in partnership with the University of Central Florida division of Continued Education. Instruction is covered in four days and includes hands on simulator experience at AVT Simulation, Q4 Services, 5DT, Aechelon, and 3d Perception.



Industry Experts

The AVT Simulation Training Center's curriculum is designed and taught by industry experts with instructing experience as well as years of experience building simulators and simulator components.



5 In-Depth Simulation Courses

Our dynamic four-day courses provide a sequenced learning experience that begins with an introduction to simulation and evolves into multi-faceted complex concepts of simulation.



Hands On Experience

In addition to what you learn in the classroom, students who take AVT Simulation Training Center classes will experience an unparalleled range of hands-on experience with simulators.

To See Upcoming Course Dates, Visit trainingcenter.avtsim.com

"I'll never look at a simulator the same again! Just this one course has given me a great appreciation for how complex these systems are, the diversity of talent that needed to develop them and challenges in fielding them. Thank you!"

-Carol Ann Dykes Logue
Director, Innovation Districts Programs & Operations Office of Partnerships & Innovation
| University of Central Florida

For more information about our in-depth 200-level courses, visit trainingcenter.avtsim.com

Topics Covered



OVERVIEW

- History
- Human Perception
- Simulator Element Groups
- Systems Integration Lab
- Simulator Elements
- Simulator in Training



ELEMENTS

- Simulator Elements
- Controls
- Host Software
- SAF
- Instructor Operations Station



ELEMENTS

- Displays
- Comm/Sound Systems
- Motion Systems
- Cueing Sequence
- Mission Training
- Cyber Security
- Maintenance



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