

ADVISOR INTRODUCES REALISTIC DESIGN SCENARIOS IN INSTRUCTIONAL SIMULATION DESIGN COURSE

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Professor Ronald Tarr
Institute of Simulation & Training
University of Central Florida

CONTEXT

Prof. Ronald Tarr, a faculty member of the Institute for Simulation and Training at the University of Central Florida, wanted a more robust approach for teaching his new course on the Instructional Simulation Design. A problem-based learning approach was desired to meet the course objectives that centered on integrating traditional ISD methods with simulation systems design to produce training simulations that enhance human performance. To accomplish this goal, students are required to analyze missions, goals and tasks, as well as plan, design and adapt leading-edge simulation technologies to address various challenges. By applying current technology to new concepts and non-traditional interventions the student will be able to contribute to simulation applications that are responsive to specified instructional needs and customizable learning environments for various types of learners.

A TOOL THAT TRIGGERS THE PURSUIT OF KNOWLEDGE

Prof. Tarr reasoned that since ADVISOR Enterprise compiles and analyzes missions/goals, tasks needed to accomplish these goals, knowledge and skills needed to perform these tasks, and various instructional design and cost factors that impact the selection of the most effective and economical blend of delivery options, students would have a unique opportunity to research and analyze data required for the analysis – which should be a part of instructional developer’s repertoire. In addition, students will be in a position to document the entire analysis process. Prof. Ronald Tarr believes that “ADVISOR Enterprise will provide instructional designers with the knowledge and skills needed to help them overcome the challenge of communicating with engineers and their aversion, not to the technology itself, but the often intimidating aspect of computer code to accomplish learning technology applications”. J. Bahlis, Ph.D., P.Eng., President of BNH Expert Software agrees with Prof. Tarr’s assessment. “Simulator design should be based on clear functional specifications driven by sound instructional analysis. In the absence of these specs, it is easy to get carried away with niceties that have minimal impact on results.”

CONTACT INFORMATION

For more information and/or to schedule an online demo to walk you through ADVISOR Enterprise key features – i.e., how plan and manage training budgets and resources from a central location as well as identify ways to run training programs more effectively and economically – please contact:

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