



University of Central Florida
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Performance Technology Group

Performance technology is the systematic application of technology to help individuals, groups and organizations improve their performance and become more productive. IST's Performance Technology Group, with advanced degrees in a variety of disciplines, combines its talents to offer the latest in technology-enhanced performance solutions.

PTG offers the community analysis, technology integration and opportunities to enroll in non-traditional education and training workshops and non-credit courses, using a variety of interactive distributed technologies, including Internet and CD technology. The group provides leadership and offers services in support of these emerging applications of technology systems.

Horizontal Integration and Community Sharing
We develop and produce brochures, documents and glossaries and maintain and update the Portal WWW site and assist in the connecting of agencies and students across the community.

Long-Range Planning & Technology Integration
From needs assessment to systems design to implementation, we work with industry, government and other academia to help them identify educational needs and determine how to integrate technology into their organizations.

Course Development plus Student & Learner Support

We provide on-site and web-based courses, facilitate follow-up issues and continued learning access, conduct special sessions for sponsored web-based and media enhanced courses and support development of the master class schedule for distributed learning courses.



Managers/Developer Programs

Collaboration on faculty training, support for distributed learning program development and customized computer searches for funding opportunities related to distance education are a few of a broad range of coordination functions we provide for UCF faculty.

Mission: ■ Be a focal point for the expanding modeling and simulation community ■ Develop and conduct M&S research and related services ■ Identify M&S directions and trends ■ Facilitate moving M&S into new areas ■ Be a research and development access point to industry for technology transfer ■ Create and participate in partnerships ■ Provide an environment conducive for student and faculty participation in M&S research and development ■ Provide continuing education services.

Research and Studies Support

We interface with UCF and State University System offices to ensure that accurate and timely data are collected and reported on distributed learning statistics.

Technology Intervention

Using operations research techniques, PTG members assess organizational needs and look for areas where technology can be applied in a total systems approach. Rather than look for merely the best technical solution they look for the best mix of technology, people and resources to solve a performance deficiency.

Education

Based on the latest research, the group designs and offers to the simulation and training community seminars and workshops in a wide selection of subjects, including:

- Hands-on modeling and simulation education
- Performance-based training
- Web-based instruction
- Staff-level management workshops
- Executive "survival" seminars

Sponsors

Sponsors have included such DoD organizations as OSD, FM&P, DMSO, DDR&E, DTS&E, Army organizations such as STRICOM, AMC, TRADOC, and DCSOPS; Air Force agencies such as AF Activity for Modeling and Simulation, USAF Force Protection Battle Lab, USAF Developmental Test & Evaluation Center; Navy CNET, N-7, Naval Post Graduate

School, NAWC-TSD; State of Florida Department of Corrections and others.

STAFF

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