

Simulation Short Courses in 2009

Learning Systems Analysis P/L will be offering three simulation short courses in early 2009. These courses are designed to support the professional certification program of the Simulation Industry Association of Australia (SIAA).

Introduction to Simulation Concepts and Technologies

This one-day hands-on course provides a general introduction to the field of simulation in Australia, including key organisations, terminology, concepts and case studies.

This introduction is based on the general introductory professional certification requirements of the SIAA.

Instructional Systems Development and Simulation

This one-day course provides an introduction to training analysis, design, conduct and evaluation for simulation. The course is applicable to trainers who have a basic understanding of simulation concepts and who want to better understand the application of modern principles of instructional systems development to simulation. The course is also applicable to individuals working in the field of simulation who have non-training backgrounds, but who want to better understand principles of training that are relevant to simulation.

This course is based on introductory professional certification requirements for the SIAA Instructional Systems skill group and may be used to earn Currency Units for other skill groups.

TNA for Simulation

This two-day course covers underpinning theories and models of learning and instruction, analysis of training contexts, development of baseline training concepts, and evaluation of options for simulation. The course is applicable to people who have a basic understanding of simulation concepts and technologies and who want to be able to define the instructional functionality required of a simulation in terms of fidelity, instructional support features and an overarching concept of training.

This course supports SIAA professional certification at Practitioner level for the Instructional Systems skill group and may be used to earn Currency Units for other skill groups.

For more information regarding these courses, visit <http://www.lsanalysis.com.au> and follow the link to Short Courses.

For more information regarding the SIAA professional certification program, visit <http://www.siaa.asn.au> and follow the link to Certification.

The Facilitators

Phil Wallace, Principal Consultant at Learning Systems Analysis

Phil has studied and worked in the field of simulation for over 20 years. He formed Learning Systems Analysis Pty Ltd 12 years ago following 21 years service with the RAAF. Phil has conducted simulation studies for a range of Defence and public applications, including undergraduate fixed and rotary wing aircrew training, F-111, F/A-18A Hornet, Lead-In Fighter, AP-3C Orion, Sea Hawk, Seaking, Chinook, Armed Reconnaissance Helicopter, Air Defence Command Teams, and novice car drivers and motorcycle riders.

Phil has a higher degree in instructional design for simulation and post-graduate qualifications in curriculum development and educational technology. He is a member of the Simulation Industry Association of Australia (SIAA) Executive Committee and chairs the SIAA Professional Development Committee.

Dr Elyssebeth Leigh, Lecturer UTS

Elyssebeth's educational consultancy 'FutureSearch' designs and implements learning programs tailored to client needs. As a Senior Lecturer at UTS she works with adult educators in Learning and Development roles in the private and government sectors. An experienced designer of simulations and learning games for all contexts where adults are learning, her expertise includes developing teamwork capabilities, project and change management, and organisational development.

Her doctorate explored skills for effective facilitation of complex simulations, and she teaches adults about the use of play for serious learning in Australia and overseas. Elyssebeth writes and publishes on project management, simulations and games, experiential learning and knowledge management. She is a member of the Board of the Simulation Industry Association of Australia and chairs the Papers Committee of the annual SimTecT conference.

Roger Mulligan, Simulation Consultant

Roger has accumulated over 25 years of industry experience in simulation. He began his simulation career with the Royal Australian Air Force in the early eighties and progressed to the civilian support of commercial and military simulators. During this time he specialised in the creation and implementation of effective support for these systems, triggering his continuing studies and interest in this field. He has been authorised in simulation support as both Maintenance Manager and Senior Maintenance Manager, and has held Engineering Design Authority in the support role.

Roger has delivered services to the Royal Australian Air Force, Royal Australian Navy, Qantas Airways Ltd, Computer Sciences Corporation, Kaman Aerospace, CAE Australia, Raytheon Australia, Tenix Defence Industries, and Thales Training & Simulation. He is a member of the Simulation Industry Association of Australia and, as part of the Organising Committee, is the program co-ordinator for the annual SimTecT conference. He is also the Maintenance Support Skill-group representative for the SIAA's Professional Development Workgroup and Professional Certification Program.

Roger writes and delivers papers on support to environments which use simulation as a training medium.