



Instructor & Consultant Bio

Amr Kamel, PhD

SEI-Certified TSP Coach
SEI-Authorized PSP Instructor
ESI-Certified Software Reuse Instructor

Current Position

Quality Expert

Consultation Unit
Software Engineering Competence Center (SECC)
Information Technology Industry Development Agency (ITIDA)
Ministry of Communications and Information Technology (MCIT)

Education

Ph.D. in Computing Sciences, 2003, University of Alberta, Alberta, Canada
M.Sc. in Computing Sciences, 1994, University of Alberta, Alberta, Canada
M.Sc. in Mathematics and Engineering Physics, 1992, Cairo University, Cairo, Egypt
B.Sc. in Electronics and Communications Engineering, 1987, Cairo University, Cairo, Egypt

Professional Background

Dr. Kamel has a strong background in the theoretical and practical aspects of software engineering. His theoretical background was developed and sharpened by acquiring two postgraduate degrees in the field and attending a series of professional training courses offered by internationally renowned training providers. His work as a developer, designer, analyst, project manager and quality expert gave him an extensive experience in the software industry to complement this theoretical background and augment his credentials as a software engineering professional.

For over 20 years in the field, Dr. Kamel worked and provided consultations, locally, regionally and internationally, in software development, software architecture, design and reuse, software process improvement, quality assurance and testing. He provided consultation for, and participated in appraisals for CMMI and ISO 15504 quality models. His qualification as a “SEI-Certified Team Software Process (TSP) Coach”, “SEI-Authorized Personal Software Process (PSP) Instructor and “SEI Certified PSP Developer” from the Software Engineering Institute (USA), has given him the opportunity to lead more process improvement programs based on TSP/PSP concepts. Furthermore, his qualification as certified Software Reuse Instructor from the European Software Institute (ESI), complemented with his hands-on experience put him in a position to lead technical aspects of software development.

Dr. Kamel has developed a number of programs and courses in software engineering and software quality assurance for academic degrees and for industry patrons; authored and co-authored a number of research papers in the field; and participated in, as an invited speaker, participated in and/or chaired many local, regional and international academic and professional gatherings.

Through his positions as a software quality expert at SECC, assistant professor at Cairo University as well as his internationally accredited professional certifications, Dr. Kamel has the unique chance of leading the industry and academia in the field with his prospering professional knowledge and interpersonal skills.

SECC

