



Consultant & Instructor Bio

Manal Helmy Hamed

SEI-Certified Instructor for Intro to CMMI® V1.2
Six Sigma Certified Black Belt

**Current
Position**

Consultation Unit Manager

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

Education

Six Sigma Black Belt __ 2008
SEI-Authorized Instructor __ 2006
SEI Certified Instructor (development and Services) 2009
Certified quality analyst “CSQA” __ 2003.
NCC Diploma in Structured Design and Analysis 1987
B.Sc. in Computer Engineering from the Faculty of Engineering, Ain
Shams University, Cairo (Egypt). 1985

Professional Background

Manal Helmy has twenty one years of experience in Information Technology and Software Engineering.

She worked in many positions covering the software lifecycle. She worked as a software developer for five years in several applications for mainframe and minicomputers, Analyst and designer .She managed the development and testing teams She has a good experience in quality management systems.

Six Sigma Experience:

- Certified Six Sigma Green Belt from AUC 2006
- Certified Lean Six Sigma Black Belt From AUC & Symbios 2008
- Implemented one six sigma project in software company in Egypt
- Tools and Techniques used in Projects:
 - MS project
 - Minitab
 - iGrafx

Manal is a CMMI consultant in SECC since June 2005 till present, Manal consulted many companies for CMMI ML2 and ML3. CMMI-Based process improvement, CMMI-Based spot checks.

Manal participated in many SCAMPI “A” appraisals as an Appraisal Team Member (ATM).

Manal is managing the SME projects as a program manager for implementing the SPIG for process improvement and providing SECC consultancy services and training including process improvement for SMEs, producing SPIG Product Suite v1.1 & v1.2, SPIG-Based gap analysis.

Manal is an SEI-Certified Instructor for teaching the Intro to CMMI® V1.2 for development and Services outside the states and Canada. She is offering several rounds in Egypt.

Manal implemented a Six Sigma & CMMI Synergy project in the consulted company as a practical experience for DMAIC methodology with the statistical and quantitative project management activities.
