

---

# **IT/Software Project Management Core Functions**

**By:**  
**Prof. Dr. Eng. Ghazy Assassa,**  
**CMC-IMC**  
**Certified Management Consultant,**  
**Institute of Management Consultancy, UK**

Email: [ghazy@ccis.ksu.edu.sa](mailto:ghazy@ccis.ksu.edu.sa)  
Mobile: 0502862400

# Copyrights

---

- The following references were mostly used in the preparation of the course; the order reflects the intensity of usage:
  - ✚ IT Project Management, Kathy Schwalbe, Course Technology, 2004.
  - ✚ Ghazy Assassa, Software Engineering Course notes, 2007.
  - ✚ Ian Sommerville: Software Engineering, 7th edition, Addison-Wesley, 2005.
  - ✚ PMBOK Guide, 2004.
  - ✚ Roger Pressman: Software Engineering, McGraw-Hill, 2005.
  
- ✚ Some information were taken from the following sites:
  - The Institute of Electrical and Electronics Engineers (IEEE)
  - The International Organisation for Standardisation (ISO)
  - The Software Engineering Institute (SEI) at Carnegie Mellon University.

# Course Contents

---

		# of slides
Chapter 0	Course Contents and Copyrights	
Chapter 1	Project Management: Overview	101
Chapter 2	Project Management: Triple Constraint	16
Chapter 3	Project Management: Knowledge Areas	30
Chapter 4	Project Integration Management	49
Chapter 5	Project Scope Management	30
Chapter 6	Project Time Management	48
Chapter 7	Project Cost Management	18
Chapter 8	Software Cost Estimation	44
Chapter 9	Software Quality Management	116
	Total	452