

Course Designator

AMBA 604/640

Course Title

Managing Projects, Operations and Information Systems

Course Description

Prerequisite: AMBA 603/630. A study of project management, operations management and information systems management – three key areas of modern business functional management – in an international context. Topics include a guide to the project management body of knowledge, development of an international project management plan, as well as a discussion of how not to manage a project. Consideration of operations management includes several world-class techniques such as Six Sigma and also reviews industry best practices in operational efficiency and effectiveness. In their study of information systems management, students critically assess the mission, goals and importance of information systems management, using their own work organization as a model. Students also develop an international information systems management plan.

Course Objectives

Upon successful completion of this seminar, the student should be able to:

1. Identify a project in contrast to an ongoing process.
2. Employ project management techniques to skillfully and ethically lead complex international projects in organizations.
3. Determine the key factors that establish an organization's operational efficiency and effectiveness.

4. Employ several world-class operations management techniques to improve an organization's performance.
5. Assess the uses of information systems in support of managerial decision making in an organization.
6. Develop an integrated plan incorporating project, operations and information systems management to improve organizational performance.
7. Assess forthcoming changes in one or more selected areas of technology and innovation as they affect the associated business models.

Course Materials

(Sample, from a recent semester)

REQUIRED TEXTS AND MATERIALS

1. Jacobs, F.R & Chase, R.B. (2008). *Operations and supply management: the core*. New York: McGraw Hill/Irwin. ISBN 978-0-07-340330-4
2. O'Brien, J.A., & Marakas, G.M. (2008). *Management information systems* (8th ed.). New York: McGraw-Hill/Irwin. ISBN 978-0-073-51154-4 **OR** Dorf, R.C., & Byers, T.H. (2008). *Technology ventures: from idea to enterprise* (2nd ed.) New York: McGraw-Hill. ISBN 978-0-07-352922-6. *Students with a strong interest in entrepreneurial technology ventures should acquire Dorf & Byers; all other students should acquire O'Brien & Marakas.*
3. Schwalbe, K. (2009). *An Introduction to project management* (2nd ed.). Boston: Course Technology. ISBN 978-1-4239-0220-1

Materials retained from prior seminars

1. *Adobe Acrobat 8 or 9 Standard* **or any** comparable pdf creation free-/shareware. *Adobe Acrobat 6 or 7 may be used.*
2. Browne, M., & Keeley, S. (2007). *Asking the right questions: A guide to critical thinking* (8th ed.). Upper Saddle River, NJ: Prentice Hall. ISBN 0-138-29939. *Other editions may be used.*
3. *PureVoice*, a free download from Qualcomm via <http://www.qctconnect.com/products/purevoice.html>, may be used in your section at your section professor's choice
4. Hacker, D. (2006). *A writer's reference* (6th ed.). Gordonsville: Von Holtzbrinck. ISBN 0-312-39767-4. *Other editions may be used.*

Course Overview

(CA = Conference Activity, EOSP = End-of-Seminar Project, IA = Individual Assignment, TA = Team Assignment)

