Course Description

This course describes what information systems are and how they are used in organizations to create business innovations. Topics include how organizations harness technology for innovative business strategies in the context of e-commerce, business intelligence, information management and security. The course will also discuss the social-economic impact of technology on individuals, societies, and organizations. Class participation is highly encouraged.

Topics

1. Innovative products
2. Business innovation
3. Principles of innovation
4. Business innovation for cloud
5. Business innovation for mobile
6. Information security

Grading Scheme

- Attendance and Participation (10%)
- Case Discussion and Presentation (60%)
- Group Project (30%)

[Topics and grading schemes are subject to change as deemed appropriate. Students will receive information and guidelines in class on how they will be assessed for the course.]

Instructor

Prof. James KWOK

Prof. Kwok is an Associate Professor of Business Education in the Department of Information Systems, Business Statistics, and Operations at HKUST. He joined HKUST in 1997 as an Assistant Professor, and joined California State University, Long Beach in 2004 as an Associate Professor. Prof. Kwok returned to HKUST as a teaching faculty in 2005. He has published in more than 60 journal and conference papers. His research areas include digital rights management, digital watermarking techniques, computer security, and hacking techniques. Prof. Kwok has been teaching SISP 1502 for HKUST Summer Institute since 2011. He has been very well-received by students and consistently received remarkable scores from the student evaluations. Prof. Kwok has been recognized by previous Summer Institute participants to be approachable and encouraging. Many have complimented on and the interactive and relaxing learning atmosphere that he created in class, engaging students in an effective learning environment.