School of Business
Department of Management

SYLLABUS

MOIS570-01
Selected Topics in Management of Information Systems
Summer 2010

Professor Sherif Kamel - skamel@aucegypt.edu
Office: Dean’s Office - Jameel Hall - Tel: 2615.3290
Class: MW 6-9:45pm - Room 1065 Jameel Hall
Office Hours: M 5-6pm (meetings could also be scheduled by appointment)

Course Prerequisites
Consent of the instructor

Mission of the Department of Management
Our mission is to develop business leaders who are dedicated to the betterment of society by
providing a high quality business education to top caliber students from all segments of
Egyptian society as well as from other countries while focusing on continuous improvement
and a commitment to excellence in learning, intellectual contributions and service.

In support of this mission the department:
• Provides a high quality contemporary-style business education that blends a global
  perspective with national cultures and is relevant to the business needs of Egypt and the
  region.
• Provides programs that encourage the development of an entrepreneurial spirit that
  emphasizes creativity, innovation, individual initiative and teamwork
• Provides a learning environment that fosters faculty/student communication and
  promotes lifelong learning and career development
• Encourages faculty development activities that improve teaching, maintain competence
  and that keep faculty current with ideas and concepts in their field.
• Seeks to develop a portfolio of intellectual contributions to learning and pedagogy, to
  practice, and to the theory and knowledge base of the disciplines.
• Encourages the establishment of close partnerships with the business community through
  consultancies and service that enhance the intellectual and economic quality of Egypt
  while enriching the learning process

Course Description
The course covers the increasing role of information and communication technology (ICT) as
an enabler for development. It reflects on the millennium development goals and the use of
ICT for business and socioeconomic development with an emphasis on the developing world.
The course demonstrates the strategy and policy development process in different sectors and
the integration of ICT tools and techniques to help realize the developmental objectives of
different societies while making use of the opportunities enabled through ICT. The course
focuses on the best practices and the lessons learnt of different nations in using ICT for
business and socioeconomic development.
Course Objectives
The objectives of the course will be to analyze the impacts of current and emerging information and communication technology (ICT) tools, techniques and applications on the processes of development planning, economic transformation and social change. The deployment of information and communication technology in developing nations is a process marked by promises, opportunities, challenges and complexities. The series of lectures in the course address a variety of theoretical, policy and practical issues and their implications and consequences on the diffusion of emerging technologies in developing societies. The course will demonstrate a series of cases and articles that reflect introduction, adoption, diffusion and adaptation of ICT in different sectors and through a variety of projects. The course will also highlight the role of the different stakeholders in the community including the government, the private sector, public sector organizations, NGOs, local vendors, multinationals and the community of users representing the invaluable critical mass of users.

Learning Goals
In addition to the specific objectives of the course, the material and activities have been selected to aid students in their progress towards achieving the following learning goals:

- Strategic Planning: Each student can engage in effective strategic planning that takes into consideration the dynamic and unpredictable domestic and global business environments and reflects the student’s critical and creative thinking, problem solving skills, and ability to make ethical and socially responsible decisions.
- Communications: Each student can demonstrate written and verbal communication competencies that support and enhance managerial effectiveness.
- Leadership: Each student will be able to identify different leadership styles and team building skills required for effective decision making and accomplishing goals.

Readings


Readings
A set of selected articles and cases will be distributed in class or posted on the instructor’s home page www.aucegypt.edu/sherifkamel/mois570.htm. Readings represent the courseware examinations and discussions. Students are required to search the library and the net for additional sources that could be useful for their studies as well as for the term paper.

Courseware
All course material including lecture notes will be posted on the instructors’ home page www.aucegypt.edu/sherifkamel/mois570.htm. For more information about the different course elements, students are encouraged to contact the instructor during office hours or by email skamel@aucegypt.edu or the course assistants Ms Lina Nada lina@aucegypt.edu

In-Class Guest Speakers
During the course sessions, leading businessmen and experts in the digital economy will be invited to come and share some of their experiences. The speakers will include policy
makers, chief executive officers, business development managers, and Internet start-up owners among others.

**Attendance and Participation**
1. Attendance is important to enrich class discussions; it is an important component of the course. In case of missing classes documented excuses are required. All paperwork should be submitted to the course assistant Ms Lina Nada lina@aucegypt.edu. It is important to note the following:
   a. Students absent for more than 2 sessions will be subject to grade deductions.
   b. Students missing more than 4 sessions will not normally receive credit for the course.
2. You are required to send to Ms Maha Ismail lina@aucegypt.edu by email and cc the instructor a recent scanned personal passport size photo (using your own email) by the end of the first week of the semester **Wednesday 16 June** to help in the development of the course students’ database. You need to use email accounts that accept large size attachments because you will be regularly contacted by email (auc email accounts, yahoo accounts, Gmail, etc.).
3. Please read the assigned chapters and be well prepared to discuss concepts/issues in class.
   It would help if you could print the slides and bring them to class to take some notes based on the discussions.
4. It is expected that you will respect others by turning off and not using communication devices during the class period.
5. Kindly be on time for class, late students will not be allowed in once the door is closed.

**In-Class Case/Article Analysis**
All students will give an in-class case/article analysis of 15-20 minutes duration. Comments and questions will be invited to enrich the discussion.

**Term Paper**
Students will be divided into groups of four/five. Each group is expected write a paper on ICT for development. The paper could relate to strategy, policy implementation, reporting on a specific project or case involving the government or multiple stakeholders.

**Abstract**
Prepare an overall view of the paper and the issues discussed. This section should be no more than 300 words and should specifically include the following:
- Purpose
- Design/methodology/approach
- Findings
- Research limitations/implications
- Practical implications
- Originality/value

**References**
List all references cited in the case. Your references should be fully documented and organized in the American Psychological Association (APA) style, for more information www.apastyle.org

**Length, Accuracy and due date**
The length of the paper excluding references and appendix (if any), should not exceed 5000 words. Please spell-check your paper prior to its submission. Attention to all details will contribute to the clear, concise meaning of your ideas and also to the grading of your paper. Paper discussions and related questions could be addressed to the instructor anytime in class.
and/or via email. All papers are due to be submitted in both hard copies to the instructor’s office and via email to lina@aucegypt.edu and skamel@aucegypt.edu on Sunday 18 July.

Academic Integrity
All students are expected to agree to and comply with the university academic integrity policy which states “Valuing the concepts of academic integrity and independent effort. The American University in Cairo expects from its students the highest standards of scholarly conduct. The University community asserts that the reputation of the institution depends on the integrity of both faculty and students in their academic pursuits and that it will be their joint responsibility to promote an atmosphere conducive to such standards”. It is important to note that any violation of what constitutes academic dishonesty and procedures will not be tolerated by the instructor at any point in time and could lead to a range of actions taken by the instructor ranging from the dismissal of a student from class to a student not receiving any credit for the course pending the incident committed. Detailed information about the University Academic Integrity Policy may be found in the University Catalog and on the University website.

Grading
The grading criterion for the course is formulated according to the demonstrated table structure. It is important to note that delayed assignments will be liable to deductions.

<table>
<thead>
<tr>
<th>Item</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>7%</td>
</tr>
<tr>
<td>Participation</td>
<td>8%</td>
</tr>
<tr>
<td>Article/Case Analysis and Discussion</td>
<td>20%</td>
</tr>
<tr>
<td>Exam</td>
<td>35%</td>
</tr>
<tr>
<td>Term Paper</td>
<td>30%</td>
</tr>
</tbody>
</table>

Schedule

**Week 1 (9-15 June)**
- Syllabus overview
- Case Analysis and Presentation Overview
- Information Management and Development
- Term Paper Discussion

**Week 2 (16-22 June)**
- ICT4D – Policy and Theoretical Contexts
- ICT4D – Policy and Strategy Issues
- Open Discussion: Articles Analysis

**Week 3 (23-29 June)**
- ICT4D – Contribution to MDGs
- ICT Diffusion in Developing Nations
- Open Discussion: Articles Analysis
- Term Paper Discussion

**Week 4 (30 June – 6 July)**
- ICT4D – Cases from the Developing World
- ICT4D – Investments, Challenges and Opportunities
- Open Discussion: Articles Analysis

1 1-2 extra classes might be added according to the need
Week 5 (7-13 July)
- Digital divides and Social Inclusion
- Open Discussion: Articles Analysis

Week 6 (14-20 July)
- ICT4D – Case of Egypt
- Term Paper Submission (Sunday 18 July)
- Paper Presentations and Final Exam (Monday 19 July)

Good Luck