CIS 9230: Globalization and Technology

Course Description

Illustrated by a wide range of empirical and theoretical indicators, the world is experiencing a fundamental social, political, economic, and cultural transformation. This transformation is often characterized as globalization and the emergence of an information society. These changes in the last decade have propelled multinational corporations (MNCs) to expand business globally and enter into new markets. Information and communication technology (ICT) has played a key role in the globalization process and has increasingly been a key element in corporate IS/IT strategies.

This course is of interest to managers in all disciplines that will face technological decisions in a global society. Its coverage will focus on ICT environments around the world, national infrastructures and regulatory regimes, global IT applications, global IS development strategies, global supply chains, offshore outsourcing, global management support systems, and global IS/IT strategies. The course will provide an in-depth understanding and a critical discourse of issues related to globalization and the management information resources across national borders, time zones, cultures, political philosophies, regulatory regimes, and economic infrastructures. The course will be taught using lectures, examples, case studies, applications, and possibly guest speakers discussing the critical role of ICT in the global information space. This is an interdisciplinary course covering multiples perspectives addressing technical, socio-economic, socio-cultural, policy, regulatory, legal, and ethical issues.

Course Objectives

- Understand the scope and meaning of global information and communication technology (ICT), technology transfer, and economic development.
- Explain why and how businesses use ICT to operate globally.
- Debate the economics, social and cultural implications of globalization.
- Develop an understanding of the role of ICT in global business strategies.
- Understand the various forms of global organizations and how ICT interacts with them.
- Discuss cultural, physical, structural and technical boundaries that IT managers must address in order to build and maintain global information systems.
- Address the managerial challenges in using and managing IT and EC worldwide.
- Appreciate the role of culture in the application of global IT.
- Examine the global ICT environment (technical infrastructures, regulation and policy).
- Compare and contrast the differences in ICT needs and infrastructures between countries and regions of the world.
- Explore various global outsourcing models.
- Study issues related to transborder data and information flows.
- Study causes of the digital divide and implications to global business.
Reading Materials

Required Textbooks

Optional Books

Resources and Useful Links
5. Information source on the Antiglobalization Movement http://www.indymedia.org/
9. Salisbury University Global Programs Resources http://www.salisbury.edu/Schools/Perdue/Gpweb/webres.html
There will be two sessions per week. We will use one session to introduce a new topic followed by discussing a related case in the second session.

## Tentative Course Outline

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Suggested Reading</th>
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<tbody>
<tr>
<td>1</td>
<td>Course Overview; Globalization, Information, and Technology: Definition and Overview of Major Issues and Key Terms</td>
<td>Stiglitz, Chapter 1, pp 3-22, Castells, pp 1-27, Carlson and McGilvray (2000)</td>
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<td>9</td>
<td>Global Teams and the Global Work Force</td>
<td>Castells, pp 216-280</td>
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<tr>
<td>13</td>
<td>Global ICT and Cultural Differences</td>
<td>Hill and Dulek (1993), Bryan et al (199x)</td>
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Additional Readings (Articles)


Additional Readings (continued)


