COURSE SCHEDULE:

Lecture: Thursdays, 7:10pm to 9:40pm; Duques 259
Professor: ELIAS G. CARAYANNIS, PhD, MBA, BScEE, CPMMA
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Office hours: Mondays, 7pm to 10pm and Fridays, 4pm to 6pm (by appointment via email)

COURSE DESCRIPTION:

The overall purpose of this course is to help students understand the processes at work in the emergence of new technologies so that they may plan effectively for their impact. The growth of technology has been a story of dramatic and unexpected change. This course explores theories of technological change and the impact of rapidly expanding networks upon the role of Information Systems in society and in organizations. Recent examples of new technologies are analyzed, and strategies of technology planning, project selection and resource allocation are discussed from these perspectives.

CONTEXT FOR THE COURSE:

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The nature and dynamics of disruptive technologies, discontinuous innovations, e-business value-chain models, and the power of technological learning and knowledge management are woven together to provide the conceptual infrastructure for competing in the new economy. Competitive, economic and political factors which influence the innovations underlying and driving information-technology-based products, processes and services in private and public organizations, domestically and internationally are studied and discussed.