COURSE CODE: SISBUSI

COURSE TITLE: Strategic Information System

COURSE DESCRIPTION:

This is a management course for Business Management (MGT) and Interdisciplinary Business Studies (IBS) students, which explores the impact of an innovative environment on the design and implementation of Strategic Information System (IS), and the concept of strategic alignment between the business and Information Technology (IT). This course is involved in Information System from a management perspective, to provide students with a broad understanding of the IT, and how IS can be applied in organizations to improve efficiency and effectiveness, as well as to gain and maintain a competitive advantage. This is also an advanced computer courses that the students shall be taught of how IS was used and maintained in organizations as part of an organization's overall strategy, how IS are developed (the Essentials of System Analysis and Design) and implemented, how information resources are managed, and the potential strategic and competitive impact IT can have in business environments. A key goal of the course is to equip the students with the tools necessary for analyzing business situations, recommend IS solutions to address them and prepare plans for their implementation.

DEPARTMENT: Decision Sciences and Innovation Department

TEXTBOOK:

• No prescribed textbook (Topic hand-outs based on the references by the faculty will be posted in Canvas module section)

READING LIST:

• Baltzan, (2018) M: Information Systems 4th Edition. McGraw Hill Publishing

• Haag, S. (2013). MIS for the Information Age. McGraw Hill

• Huff, S., Schneferger, S., Wade, M., Newson, P. and Parent, M.I. (2000). Cases in Electronic Commerce, McGraw Hill

• Kendall, Kenneth and Kendall, Julie (2019). System Analysis and Design (Tenth Edition). Paerson Education, Inc.

• Kroenke, David M. (2015). MIS Essentials (4th Edition). Pearson Education

• Laudon, Ken and Laudon Jane (2011). Management Information Systems: Managing the Digital Firm (12th Edition). Prentice Hall.

• Laudon, K, and Traver, C. (2015). E-Commerce 2015, (11th Edition). New York University

• Mcleod, Raymond and Schell, George. (2007). Management Information System. (10th Ed) Prentice hall. O'Brien, James A. (2007) Introduction to Information Systems, 13/e. McGraw-Hill Higher Education

• Oz Effy and Sousa, Ken (2014) Management Information Systems, 7th Edition. Cengage Learning

• Shelly, G. and Rosenblatt, H. (2012) Systems Analysis and Design, (Ninth Edition)

REQUISITE EQUIPMENT/MATERIALS FOR THE COURSE: