

COURSE CODE: SYSDESI

COURSE TITLE: System Analysis and Design

COURSE DESCRIPTION:

SYSDESI (SYSTEM ANALYSIS and DESIGN) begins with business functional analysis and ends with information systems design. This course introduces the students to concepts, processes, and activities of systems analysis and design. It discusses different techniques that can be used at each stage of systems analysis and design. Emphasis will be given to the role of information systems in organizations and how they relate to organizational objectives and structure. The course is designed to Explain how IT supports business requirements in today's intensely competitive environment, and describe major IT developments and trends

DEPARTMENT: Decision Sciences and Innovation Department

TEXTBOOK:

- Valacich, Joseph S. and George, Joey F. (2017). Modern Systems Analysis and Design (8th Edition). Pearson Education, Inc. Publishing as Prentice Hall

READING LIST:

- Alter, S. (1999). Information Systems: A Management Perspective. Reading: Addison-Wesley.
- Kendall, K. E., & Kendall, J. E. (2008). Systems Analysis and Design (7th ed.). New Jersey: Prentice-Hall, Inc.
- Kepner, C. H., & Tregoe, B. B. (1981). The Rational Manager: A Systematic Approach to Problem Solving and Decision Making. Princeton, N.J.: Kepner-Tregoe.
- Satzinger, J.W., R.B. Jackson and S.D. Burd. (2012) Systems Analysis and Design in a Changing World, Sixth Edition. Cengage Learning.

REQUISITE EQUIPMENT/MATERIALS FOR THE COURSE: