Course Prefix and Number: IT 228
Course Title: Systems analysis and Design
Recommended Transcript Title: Systems analysis and Design
Date Approved/Revised

Credit Hours: 3
 Contact hours per week (Based on 15 week term):
     Lecture: 3
     Lab:

Prerequisite: RDG 090 OR minimum acceptable test scores for placement in college-level reading courses and CIS 114 or approval by Division Chair.   Corequisite: Pre/Corequisite:
Grading Mode: Letter grade
Catalog Description: This course is an introduction to the concepts of Systems Analysis and Design. Topics include system planning, information requirements analysis, Systems Development Life Cycle, software and hardware evaluations and feasibility study.
Course Outcomes: 1. Discuss role of system analyst and explain the role of personnel involved in systems development   2. Provide an overview of project feasibility   3. Explain major phases of system development and discuss system development life cycle   4. Provide an overview of system requirements   5. Create a data flow diagram   6. Discuss CASE Tools and prototyping   7. Create data dictionary   8. Evaluate hardware and software requirement
Implementation Cycle: Spring

Role in College Curriculum (Check all that apply):
 ⛰ **General Education**
 ☑ **Technical Core: Information Technology**
 ⛰ **Restricted Elective**
 ☑ **General Elective**
   Workforce Education
   Other (Please specify)

Course Fee:
Instructor's Qualifications: Bachelor's degree in information technology with two years of related work experience in IT field or master's degree with 18 graduate hours in IT.
Expanded Course Description:

Prepared by: Vincenza Cumbo, Faculty, IT/CIS Division   April 6, 2015.

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Signature, Title   Date

Approved by:

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Dean, Academic & Student Services   Date