Montgomery County Community College
CIS 151
Systems Analysis and Design
3-2-2

COURSE DESCRIPTION:
This course reviews and applies traditional (life cycle) systems development methodologies implemented by project teams and including reporting responsibility to a systems development steering committee. The life cycle followed incorporates an initial investigation, a feasibility study, systems analysis, systems design, technical design, program specification, and implementation planning.

REQUISITES:
Previous Course Requirements
* CIS 111 Computer Science I: Programming and Concepts

Concurrent Course Requirements
None

LEARNING OUTCOMES Upon successful completion of this course, the student will be able to:	LEARNING ACTIVITIES	EVALUATION METHODS
1. Apply the full scope of systems analysis including problem definition, data collection (observation, interviewing, and questionnaires), documentation of existing systems, and definition of new system requirements.	Lecture Discussion Case Study Assignments Homework Assignments	Final Project
2. Identify distributed processing concerns and considerations, including networking systems involving interactions among mainframes, minicomputers, and/or microcomputers.	Lecture Discussion Case Study Assignments Homework Assignments	Examinations

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Revised by: Patricia S. Rahmlow   Date: 5/2017
VPAA/Provost or designee Compliance Verification: Date: 8/21/2017

This course is consistent with Montgomery County Community College's mission. It was developed, approved and will be delivered in full compliance with the policies and procedures established by the College.