351CS – Running Computer Center

Second Semester 1432-1433 H

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| **351 CS** | **Course Code** |
| **Software Engineering** | **Course Name** |
| **2+1** | **Course Credit** |
| **104 CS** | **Pre-Course**  |
| **5** | **Level** |

COURSE DESCRIPTION

Organizing information processing centers, and the details of different functions, access to information sources and management, evaluate the efficiency of computer, planning capabilities required with management, recruitment, training and incentives in the field of computer, financial aspects in information processing documentation, higher commission for managing information processing centers, report flying management, data protection and hardware and software, internal audits and controls, case studies.

**TEXBOOK & OTHER RESOURCES**

Textbook: Not Available.

Materials: Materials prepared by instructor.

COURSE OBJECTIVES

After the completion of this course the student should be able to:

- Understand the information processing center principles.

- Describe the information sources and management.

- Understand the methods and techniques for recruitment and training in the field of computer center.

- Evaluate the component of computer center hardware and software.

**COURSE DETAILS**

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| **Class** | **Topic** | **Week** |
| 1 | Introduction to Information Processing Center IPC  | Week 1+2 |
| 2 | Requirements and Objectives of Information Processing Center IPC | Week 3 |
| 3 | Data Resources Management | Week 4 |
| 4 | Hardware and Software Resources for IPC | Week 5+6 |
| **First Exam-7th week** |
| 5 | Recruitment, Training, and Courses | Week 8 |
| 6 | Information Security and Protection | Week 9 |
| 7 | Report Flying Management | Week 10+11 |
| **Second Exam-12th week** |
| 8 | Decision Support system | Week 13 |
| 9 | Audit and Internal Control | Week 14 |
| 10 | Case Study | Week 15 |
| **Final Exam** |

**EVALUATION CRITERIA**

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| **Explanation** | **Percentage** | **Criterion** |
| Closed book / notes | 10% | First Exam |
| Closed book / notes | 10% | Second Exam |
| Answers to chapter problems | 10% | Assignments |
| Each member of the group should present | 20% | Lab Exam |
| Closed book / notes | 50% | Final Exam |
| **Should take 60% or more to pass** | **100%** | **Total** |