

Accounting Information System Course Syllabus

<u>Course Number:</u>	AS806A
<u>Course Name:</u>	Accounting Information System
<u>Instructors:</u>	Wang Jinchao
<u>Students:</u>	Auditing, Accounting, Financial Management
<u>Required Text:</u>	2022 edition, 2023 edition
<u>Course</u>	Accounting Information Systems is both an interdisciplinary course and a course with strong
<u>Description:</u>	theoretical and practical aspects. This course integrates the development and application of information systems with accounting knowledge. It closely revolves around the system structure of accounting information systems and the basic principles of information system auditing. It focuses on the analysis and design of accounting information systems. It aims to enable students to master the data processing principles and business processes of each system and the overall system through the analysis and design of the sales and collection cycle, production cycle, and procurement and payment cycle. It also aims to cultivate students' ability to apply different financial software and promote the construction of enterprise management informatization.

Topic Outline:		Hours/Minutes
Chapter 1	Introduction to Accounting Information Systems 1. Basic concepts of accounting information systems 2. Development, objectives, and characteristics of accounting information systems 3. Structure of accounting information systems 4. Processing principles of accounting information systems 5. Enterprise resource planning systems	6
Chapter 2	Modeling Techniques for Accounting Information Systems 1. Overview of system development methods 2. System analysis 3. System design	2
Chapter 3	Management of Accounting Business Processes 1. Process management and process reengineering methods 2. Main processes in the enterprise operation process 3. Reengineering of accounting business processes indicator analysis	4
Chapter 4	Analysis and Design of General Ledger System 1. Objectives, content, and characteristics of the general ledger system 2. Data flow analysis of general ledger system 3. General ledger system design	6
Chapter5	Analysis and Design of Sales and Accounts Receivable Management System 1. Objectives, content, and characteristics of the sales and accounts receivable management system 2. Data flow analysis of sales and accounts receivable management system 3. Sales and accounts receivable management system design	4
Chaptre6	Analysis and Design of Procurement and Accounts Payable Management System 1. Objectives, content, and characteristics of the procurement and accounts payable management system	4

	2.Data flow analysis of procurement and accounts payable management system	
	3.Procurement and accounts payable management system design	
Chapter7	Analysis and Design of Inventory Management System Teaching Objectives and Requirements	3
	1.Objectives, content, and characteristics of inventory accounting and inventory management system	
	2.Data flow analysis of inventory accounting and inventory management system	
	3.Inventory accounting and inventory management system design	
Chapter8	Analysis and Design of Payroll Management System Teaching Objectives and Requirements	3
	1.Objectives, content, and characteristics of payroll management system	
	2.Data flow analysis of payroll management system	
	3.Payroll management system design	
Chapter9	Analysis and Design of Fixed Asset Management System Teaching Objectives and Requirements	2
	1.Objectives, content, and characteristics of fixed asset management system	
	2.Data flow analysis of fixed asset management system	
	3.Fixed asset management system design	
Chapter10	Analysis and Design of Cost Management System Teaching Objectives and Requirements	2
	1.Objectives, content, and characteristics of production management system	
	2.Data flow analysis of cost management system	
	3.Cost management system design	
Chapter11	Application of Extensible Business Reporting Language Teaching Objectives and Requirements:	4
	1.Overview of extensible business reporting language	
	2.Technical principles of extensible business reporting language	
	3.Technical specification framework of extensible business reporting language	
	4.Application scheme of extensible business reporting language	

Summary of Microeconomics		Hours/Minutes
a.	Introduction to Accounting Information Systems	6
b.	Modeling Techniques for Accounting Information Systems	2
c.	Management of Accounting Business Processes	4
d.	Analysis and Design of General Ledger System	6
e.	Analysis and Design of Sales and Accounts Receivable Management System	4
f.	Analysis and Design of Procurement and Accounts Payable Management System	4
g.	Analysis and Design of Inventory Management System	3
h.	Analysis and Design of Payroll Management System	3
i.	Analysis and Design of Fixed Asset Management	2

	System	
j.	Analysis and Design of Cost Management System	2
k.	Application of Extensible Business Reporting Language	4
Total Estimated CPC Coverage Hours		40