

Modern Academy

For Computer Science and Management Technology



Courses Resume

Courses taught by the accounting department:

A 101 - Introduction to Accounting

The basic concepts of accounting , processing accounting information, The equation of accounting ,Financial statement (income , capital and balance sheet statement), Adjusting the accounts (revenues, expenses, depreciation),prepare The worksheet , closing entries and classified balance sheet and Merchandizing transaction and introducing to inventories.

201 - Principles of Cost Accounting

Cost accounting systems (cost- benefit of information) Cost classifications and flows (Product cost and period cost, Product costs in merchandizing companies, Product costs in manufacturing companies ,Classification flow of costs through, the accounts Statement of cost of goods manufactured and sold and Total cost and units of cost. Cost behavior (Variable – fixed – mixed cost – step cost –product cost system).Income statement Problems. Job order costing system and Process costing system, Standard costs: DM, DL, MFO\H, Breakeven point analysis, Basic inventory method (First in first out, last in first out and weighted average).

A202 -Managerial Accounting I

Introduction to managerial accounting , Accounting for manufacturing operations ,Types of manufacturing costs(Product and period cost ,Inventories of manufacturing business , Schedule of the cost of finished goods and Financial statement of manufacturing company), Cost accounting systems (Job order cost system and Process cost system).

A301 -Accounting Control

The use of accounting tools in analysis and control of business operations and management decision making processes.

A 302 - Managerial Accounting II

Intensive review of accounting principles , management process , cost behavior and the nature of management information, managerial decision making from accounting data relative to planning , implementation and control.

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A 303 - Accounting for Corporation

Partnership companies: How to do accounting? Formation of the companies. Opening the accounts of the new partnership. Additional investments. Drawing accounts, loans from partners, closing the accounts, partners profit, the account of the net income and loss, how to derive the net profit and loss. Admission of new partners, retirement of a partner. Death of a partner and how to liquidate the company.

The corporations: How to do accounting? Formation of the corporation. Capital stock, subscription to capital stock, stockholder's records. Additional investments, dividend the profit. Bonds payable. Bonds sold as a discount. Amortization of the bond and bond expenses. The accounting of corporation. Balance sheet and the adjustment before.

A 304 -Tax Accounting

Overview of the tax in general, Objectives of tax , Characteristics of tax , Fundamentals of tax, What is tax accounting and Essential principle of tax .Introduction to the various kinds of tax in Egypt . Transfer to unified tax. How can we collect the different kinds to the tax accounting?

A 305 - Financial Accounting

Principle of accounting (cases) , Statement of changes in financial position (cases problems), Financial statement analysis (cases problems) , Long-term stock investment and consolidation (cases) and Analysis of other disclosures and review of potential changes in financial reporting (cases).

A 306 - Financial Analysis

Financial statement analysis, Leverage and break even analysis, financial planning and forecasting, Time value of money. Value concepts, Capital budgeting, Risk and capital budgeting decision, Cost of capital and Analysis of financial sources.

A 307 - Governmental Accounting

Introduction: budgets for operation and capital improvements .General funds and special revenues funds. Review and evaluation of presently recommended accounting and financial reporting for state and local government units. Independent verification of reports of financial and operating activities of governmental and nonprofit entities.

A 308 - National Accounting

Definition. Function. Relationship with other sciences . Concepts . Relations between national and financial accounting. Un accounting system . Recording entries, accounts, forms matrices. Reconciliation and adjusting . Funds flow statement . National balance.

A 309 - Environmental Accounting

Approaching environmental accounting , Ecology and environmental change , Land-use planning :significant of water quality (cases) , Thermal pollution (cases) , Significance of solid wastes , The importance of accounting information , Analysis of accounting for environmental transactions and the natural resources (cases) , Preparing the code of number of accounts the element of air: petroleum energy , expected hydropower and coal, Accounting on the special transaction with the change on the balance of natural resources.

A401 - Managerial Accounting III -

Intensive review of accounting principles , management process , cost behavior and the nature of management information, managerial decision making from accounting data relative to planning , implementation and control.

A 402 - Social Accounting -

Approaching social accounting , The importance of accounting information , Analysis of accounting for social transaction and natural resources , Cost behavior patterns a closer look , Flexible budgets and social accounting analysis ,Control of decentralization operations. Problems and cases.

Courses taught by the business administration department:

M 101 - Management & Organization

M 101 Management and Organization:

- 1- Management : Its definition and importance .
- 2- Evaluation of management thought.
- 3- Organizing : Its nature and objectives.
- 4- Basic issues in planning .
- 5- Decision making.
- 6- Strategic planning.
- 7- The nature and purpose of planning.
- 8- Basic issues in organizing , responsibility , authority and delegation.
- 9- Leadership and communication .

10- Managing the human factor.

11- International management.

S 107 -Individual Human Behavior

S 107 Individual Human Behavior :

- 1- Organization of behavior .
- 2- Individual behavior .
- 3- Learning self-management.
- 4- Perception , attribution and the judgment of others.
- 5- Components of the perceptual process.
- 6- Basic biases in person perception.
- 7- Biological and social needs.
- 8- Individual objective success or failure in the organization.
- 9- How human needs operate in organizations.
- 10- The exchange relationship.
- 11- Pay and motivation.

M 201 -Risk Management

S 201 Risk Management:

- 1- The relation between management and risk management.
- 2- The concept of risk.
- 3- The classification of risk.
- 4- The methods of handling risk.
- 5- Risk management process .
- 6- The objectives of risk management.
- 7- The relationship between risk management and other organizational.
- 8- Decision theory.

- 9- Decision making process.
- 10- Decision situations (Certainty – Risk – uncertainty).
- 11- The degrees of uncertainty .
- 12- Quantitive techniques of dealing with risk.
- 13- Expected value.
- 14- Criterion of pessimism.
- 15- Criterion of regret.
- 16- Criterion of optimism.
- 17- Criterion of rationality.
- 18- Game theory.
- 19- Decision tree analysis.
- 20- Investment analysis under risk and certainty situations.
- 21- Simulation analysis models.

M 202 - Management Of Human Recourses

M 310 -International Financial Management

M 405 -Strategic Policies

M 410-International Management

M 411 -Management Control

M 412-International Finance II

M 413 - Small Business Administration System

M 414 -Risk Investment

Courses taught by the economics department:

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E 101 -Introduction to Economics

E 201 -Economic Recourses

E 306 -Enterprise Appraisal Management

E 314- Technical &Engineering Feasibility Studies

Courses taught by the management information system department:

C 408 -Information System Technology

C 409 -Decision Support System

Courses taught by mathematic and insurance department:

S 104 - Applied Mathematics I

S 205 -Insurance

S 105 - Applied Math II

S 106-Statistics

S 204 -Applied Statistics

S 402-Applied Statistics

Courses taught by language department :

S 110 -English Language I

S 205 -English Language II

S 209 -English Language III

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Courses taught by law department:

S 210 -Obligation Law

S 211 -Commercial law

Courses taught by faculty of computer science:

C 105 - Programming & Usage of Computers I

C 106 -Programming & Usage of Computers II

C 203 - Programming Techniques

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