

Degree & Diploma Programmes

Contributed by Administrator
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The university programmes are based on credit system. Full time student can graduate after four years , meticulous studies. Part time students can graduate within six years depending on his/her own pace. There are possible exit awards after successful completion of Level 1 courses as Diploma of University Education (DipUE) and after Level 2 as Higher Diploma of University Education (HDipUE).

Degree Courses we offer are:

Download Brochure (* Adobe Acrobat Reader® is needed to open this .pdf file)

Bachelor of Engineering (Hons) Bachelor of Information Technology (Hons) Bachelor of Computer Science (Hons)
Bachelor of Biomedical Science (Hons) Bachelor of Natural Sciences (Hons) Bachelor of Agriculture & Rural
Development (Hons) Bachelor of Global Development Bachelor of Environmental Studies (Hons) Bachelor of Business
Administration (Hons) Bachelor of Economics (Hons) COURSE MODULES FOR SUTECH DEGREE PROGRAMMES
(1) Bachelor of civil Engineering (hons) Duration: 4 Years Total Credit Hours: 138

Foundation of Engineering Building Materials and Construction Construction Project Management Engineering
Drawing Engineering Geology Mathematics Engineering for I & II Engineering Mechanics Numerical Methods Fluid
Mechanics Mechanics of Solids Hydraulics & Hydrology Modern Surveying Techniques I
Modern Surveying Techniques II Transportation Engineering I Transportation Engineering II Architecture Reinforce
Concrete Design Pre-Stressed Concrete Structure Design of Steel Structures Soil Mechanics Steel & Timber Design
Strength of Materials Structural Analysis I & II Structure, Hydraulic & Traffic Lab Design of Reinforced Concrete
Structures Water & Wastewater Engineering
Quantitative methods for decision Making Water Resources Watershed Management Waste-Water Management Estimating
& Contract Environmental Air Pollution Environmental Pollution Introduction to Microeconomics Introduction to
Macroeconomics
financial Accounting Computer Programming

Electives

Foreign Language I, II, & III Technical & Professional Communication Office Automation Management Principles of
Management Introduction to Finance Introduction to Marketing Organizational Behavior
Introduction to Psychology Introduction to Philosophy Contemporary Political thought of the Muslim World

Bachelor of Technology (Hons) In Construction Management Duration: 4 Years + Total Credit Hours: 112
National Language I & II Basic Entrepreneurship Building Services I & II Co-Curriculum I & II Concrete, Structures &
Environmental Laboratory Construction Cost Estimates Constructions Economics & Finances Construction Law
Construction Management Construction Safety & Health Construction Technology I, II & III Engineering Graphics
Engineering Mathematics I Engineering Statistics Engineering Survey Laboratory Materials measurement &
documentation
Principles of management Quality management in construction Quantitative methods for decision Making Strength of
Materials
Technical & professional communication Basic Accounting Computer Programming

Electives

Water Resources

Watershed Management/Waste-Water Management

Foreign Language I, II, & III Technical & Professional Communication Introduction to Microeconomics Introduction to Macroeconomics Introduction to Finance Introduction to Psychology Introduction to Philosophy Contemporary Political thought of the Muslim World

COURSE MODULES FOR SUTECH DEGREE PROGRAMMES (2) Bachelor of Accounting (Hons) Duration: 4 Years Total Credit Hours: 128 Accounting information system Accounting theory and practice Advanced audit and corporate governance Advanced financial accounting I & II Advanced management accounting Auditing Principles of management Marketing Business law Business mathematics Corporate finance Corporate law Cost Accounting Current Issues in Accounting Data base concepts Entrepreneurship Financial Accounting I&II Financial management Introduction to Finance Technical & Professional Communication Introduction to Microeconomics Introduction to Macroeconomics Financial Accounting Computer Programming

Electives

Electives

Office Automation Management

Introduction to Psychology Introduction to Philosophy International Relations

Contemporary Political thought of the Muslim World

Bachelor of business administration Duration: 4 Years Total Credit Hours: 128 Basic entrepreneurship Business ethics Business law Business mathematics Co-curriculum I & II Corporate law English grammar and usage Financial management Human resource management Industrial training International business Introduction to financial accounting Introduction to e-commerce Introduction statistics Knowledge management Macroeconomics Management accounting Marketing management Microeconomics Office automation management Operation management Organizational management Islamic studies Professional communication Project paper Report writing Research method Strategic management

Electives

Office Automation Management

Introduction to Psychology Introduction to Philosophy International Relations

Contemporary Political thought of the Muslim World

COURSE MODULES FOR SUTECH DEGREE PROGRAMMES (3) Bachelor of Information Technology (Hons) Duration: 4 year Total credit hours: 117 Artificial intelligent Basic entrepreneurship Calculus Computer architecture Computer Graphics Data communication & Networking Data structure & Algorithm Database concepts Discrete structure English grammar and usage Ethics and professional conducts Fundamentals of software engineering Human computer interaction Industrial training Internet programming Introduction to E-commerce Introduction to statistics IT project IIT project IIK-management Management information system Object oriented programming Operating system Programming I Programming II System analysis and design Technical & professional communication Broadband network Distributed & parallel computing Multimedia networking Network and data security Open source development Basic marketing Introduction to Microeconomics Introduction to Macroeconomics Organizational Behavior

Electives/Office Automation Management

Introduction to Psychology Introduction to Philosophy International Relations

Contemporary Political thought of the Muslim World

COURSE MODULES FOR SUTECH DIPOMA PROGRAMMES (1) Course Modules for Diploma in Business administration* Duration: 2 years Total credit hours: 60 Basic Accounting 1&2 Basic marketing Business computer Business Ethics Business law Business statistics Co-curriculum (sports) English for business I, II & III Financial management Human Resource management International business Investment Analysis Macroeconomics Managerial Accounting Marketing management Microeconomics Organizational behavior Somali studies Principle of Management Project paper Quality management Quantitative Reasoning Research Methodology

Electives

Office Automation Management Organizational Behavior
 Business Ethics Introduction to Psychology Introduction to Philosophy International Relations
 Contemporary Political thought of the Muslim World

Course Modules for Diploma in Accounting Duration: 2 years Total credit hours: 60 Accounting Theory and
 Practical Auditing English Language Basic Marketing Business Law Co-curriculum (sports) Computer Application in
 Accounting English for business 1, 2 & 3 Financial Accounting I, II, III, IV, & V Financial Management Fundamental of
 entrepreneurship / Islamic financial system Introduction to computer technology Introduction to cost Accounting
 Introduction to statistics Investment Introduction to Microeconomics
 Introduction to Macroeconomics Managerial Accounting Microeconomics Principle of Management Quantitative
 Decision Making Taxation I & II

Elective
 Office Automation Management Business Ethics
 Introduction to Psychology Introduction to Philosophy International Relations
 Contemporary Political thought of the Muslim World

Course Modules for Diploma in Information Technology Duration: 2 years Total credit hours: 54 Database
 Management Data Structure & Representation E-commerce Introduction to computer technology Intern
 programming Introduction to Economics Introduction to software engineering Multimedia technology Network
 technology Office management Operating system Islamic studies Programming in C Programming in Cobol
 Programming in java Programming in visual Basic Project System analysis & design Academic English Accounting
 Method Analytical Calculus Management English language Communication Skills in English I & II

Electives
 Office Automation Management Business Ethics
 Introduction to Psychology Introduction to Philosophy International Relations
 Contemporary Political thought of the Muslim World

COURSE MODULES FOR SUTECH ENGINEERING DIPLOMA PROGRAMMES (1) Course Modules for
 Diploma In Civil Engineering Duration: 2 Years Total Credits Hours: 60 Chemistry Computer Programming
 Construction Management Construction Materials & Site Practical Engineering Drawing Engineering Mechanics
 Estimating & Contract Final Project Geology Geotechnical Engineering Hydraulics & Hydrology Mathematics I, II & III
 Mechanical & Electrical System Ethics and Moral Studies Physics Reinforced Concrete Design Science Laboratory
 Soil & Concrete Laboratory Soil Mechanics Steel & Timber Design Strength & Fluid Laboratory Strength Of Material
 Surveying Surveying Laboratory Technical English I & II Traffic & Highway Engineering Water & Wastewater
 Engineering

Electives
 Office Automation Management Business Ethics
 Introduction to Psychology Introduction to Philosophy International Relations
 Contemporary Political thought of the Muslim World

Course Modules for Diploma In Electrical Engineering Duration: 2 Years Total Credits Hours: 90 Automotive
 Practice Basic Communication Theory Chemistry Circuit Theory I & II Circuit theory laboratory Computer
 programming Control system Control system laboratory Digital design Digital design laboratory Electromagnetism
 Electronic laboratory Engineering drawing Final project Islamic / culture studies Management for engineering
 Mathematics I, II & III Microprocessor laboratory English language A/ B Physical electronics Physics Power system
 Power system laboratory Static Technical English I & II Workshop technology for engineers Electives

Office Automation Management Business Ethics

Introduction to Psychology Introduction to Philosophy International Relations

Contemporary Political thought of the Muslim World Course Modules for Diploma in Accounting Duration: 2 years

Total credit hours: 90 Accounting Theory and Practical Auditing English Language Principles of Management

Marketing Management

Business Law Computer Applications in Accounting Company Law English for business I English for business II

Financial Accounting I Financial Accounting II

Financial Management Fundamentals of entrepreneurship Introduction to computer technology Introduction to cost

Account Managerial Accounting

Introduction to statistics Investment Introduction to Microeconomics Introduction to Macroeconomics

Quantitative Decision Making Techniques Taxation I & II Electives

Office Automation Management Business Ethics

Introduction to Psychology Introduction to Philosophy International Relations

Contemporary Political thought of the Muslim World

Course Modules for Diploma in Information Technology Duration: 2 years Total credit hours: 90 Database

Management Data Structure & Representation E-commerce Introduction to computer technology Intern

programming Introduction to Economics Introduction to software engineering Multimedia technology Network

technology Office management Operating system Islamic studies Programming in C Programming in Cobol

Programming in java Programming in visual Basic Project System analysis & design Academic English Accounting

Method Analytical Calculus Management English language Communication Skills in English I & II Computer Ethics

COURSE MODULES FOR SUTECH ENGINEERING DIPLOMA PROGRAMMES (1) Course Modules

for Diploma In Civil Engineering Duration: 2 Years Total Credits Hours: 90 Chemistry Computer Programming

Construction Management Construction Materials & Site Practical Engineering Drawing Engineering Mechanics

Estimating & Contract Final Project Geology Geotechnical Engineering Hydraulics & Hydrology Mathematics I, II & III

Mechanical & Electrical System Ethics and Moral Studies Physics Reinforced Concrete Design Science Laboratory

Soil & Concrete Laboratory Soil Mechanics Steel & Timber Design Strength & Fluid Laboratory Strength Of Material

Surveying Surveying Laboratory Technical English I & II Traffic & Highway Engineering Water & Wastewater

Engineering Course Modules for Diploma In Electrical Engineering Duration: 2 Years Total Credits

Hours: 90 Automotive Practice Basic Communication Theory Chemistry Circuit Theory I & II Circuit theory

laboratory Computer programming Control system Control system laboratory Digital design Digital design laboratory

Electromagnetism Electronic laboratory Engineering drawing Final project Islamic / culture studies Management for

engineering Mathematics I, II & III Microprocessor laboratory English language A/ B Physical electronics Physics

Power system Power system laboratory Static Technical English I & II Workshop technology for engineers

croeconomics