

**KOLAGAFRIMERICAN INSTITUTE OF SCIENTIFIC RESEARCH  
EDUCATION AND ACADEMIC DEVELOPMENT INCORPORATED CA**



***Kisread-edu.us***

**KOLAGAFRIMERICAN INSTITUTE OF SCIENTIFIC RESEARCH  
EDUCATION AND ACADEMIC DEVELOPMENT INCORPORATED**

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**KISREAD-EDU.US SYLLABUS**

**COURSE CATALOG**

## **INTRODUCTION**

We are living in an age of rapid and social transformation in which knowledge, according to Peter Drucker, equals power. The foundation of most human achievements is knowledge. It is the most precious bona fide assets of any organization. The level of knowledge people possess and their capacity to acquire more are what distinguish them from everybody else.

The process of acquisition of knowledge should be continuous, and as a matter of fact, life- long. No wonder why one writer noted that, “the only construction edifice that is never completed is knowledge. Every day you learn something new, you add to the height of the building”.

The Kolagafrimerican Institute USA is all about knowledge. Why do we need to enhance our knowledge continuously? It is because we are living in a world of rapid and tremendous changes and challenges.

The Kolagafrimerican Institute of Scientific Research Education and Academic Development Incorporated (KISREAD) was founded in 2020 on the principle of strengthening higher education academic development programs through professional scientific research services and to provide a path towards the recognition of a professional qualification in Science Education, Economics, Business Administration and Management Sciences that is opened to all Men and Women based on macro-econometric modelling and policy analysis.

We are the only Scientific Research Firm in the Nation with a formal relationship to a premier leadership and student’s placement development programs.

## **COURSE STRUCTURE**

The course structure proposed and currently under consideration would provide for compulsory courses in Microeconomics; Macroeconomics; Econometrics; Applied Research Methodology and from a wide choice of options which would be likely to include: Foundations of political economy; the economics of institutions; philosophical issues in economics; topics in industrial and financial economics; theory of finance; financial accounting; Labour economics; development economics; financial organization and economic growth; international economic integration; economic history; environmental and natural resource economics; advanced course in economic theory; core course in econometrics; advanced course in econometrics; financial econometrics; economics of the poor countries. And under the Science Education, the Institute would concentrate in the training of Health Services Administration and Management.

## **EXAMINATION**

The examination would be a combination of essays and/or written papers as provided for each particular subject.

A booklet giving further information will be available from the Examinations and Records Units, Kolagafrimerican Institute of Professional Training, College of Business and Economics, Kisread Business School of Economics- the professional school and training arm of Kolagafrimerican Institute of Scientific Research Education and Academic Development Incorporated California.

\*The Institute's induction program shall be held quarterly as follow January to April, May to August and September to December by this arrangement induction will hold three times in a year. Examinations will hold on every first week of a quarter and induction on every third week while the Institute rejuvenates on the fourth week of the last month for the next diet.

\*Any application for examination received after the closing date will be deferred to the next examination date.

\*Confirmation of examination entry is effected through by the examination notice and examination timetable, which is to be sent out to candidates one month before the examination date. Students are therefore expected to receive SMS alerts. Preparation for examination starts by first week of the third month albeit the real examination/induction is scheduled for the first and third week respectively the administrative department of the Institute commences a proactive arrangement for examination by confirming payments, securing an examination centers, induction venue, printing and branding of certificates to be given out in a month time.

Considering this schedule, the following inference can be made:

September 1st to October 15th = sales of forms

October 16th to October 30th = Registration and Documentations

November 1st to November 30th = Preparation for examination and induction

1st and 2nd week of December = Examination and Induction respectively.

\*The Institute's examination is divided into Diploma Stages and Professional Stages

## **THE DIPLOMA STAGES**

### **STUDENT DIPLOMA**

For Studentship admission, Candidates must possess the following:

\*Five (5) O' level credit passes including English Language and Mathematics from any Nationally recognized examination bodies such as SSCE, NECO, NABTEB and High School Diploma from Regionally accredited School in the US.

\*Good credits or passes at OND or HND level of related field

\*Good results at National Certificate of Education (NCE) level

\*First or Second degrees of a Nigerian or Overseas accredited University.

\*Professional Certificates, Diplomas and any other recognized certificates by the Council

## **GRADUATE DIPLOMA**

Fresh Graduates in relevant and related disciplines are eligible for membership admission under this category. To qualify for Associate membership, the holder of a Graduate Diploma is mandatorily required to sit for all the papers in Professional Examinations I, II and III of the Institute. Holders or awardees are entitled to use the abbreviation GEB after their names.

The Student and Graduate Diploma programmes of the Institute.

Conditional upon performance, successful Diploma Students may proceed to Associate Certificate- AEB courses in the College, and eventually to the Fellowship cadre- FEB of the Institute.

The aim of the Diploma is to give Graduate and non-graduate Students with little or no prior training in the subject, and those whose first degree is in other disciplines, an intensive one to two years conversion course in economics and Business Administration and Management including Microeconomics, Macroeconomics, quantitative methods and business portfolio management.

Special Classes for Diploma Students are provided twice or three times a week during term. Students will normally be expected to provide written work on each occasion.

Further details of the Diploma course are available from the Examinations and Records Unit, Kolagafrimerican Institute of Professional Training, College of Business and Economics, Kisread Business School of Economics- the professional school and training arm of the Kolagafrimerican Institute of Scientific Research Education and Academic Development Incorporated CA.

Special Notes to Applicants

Applicants are reminded that their completed applications should be lodged with the Board of Studies not later than 31st of March.

## **THE PROFESSIONAL STAGES**

The Professional Examinations of the Institute is divided into three stages. PE I, PE II and PE III.

## **EBA COURSE DESCRIPTION**

### **DIPLOMA LEVEL – EBA 100 LEVEL**

\*EBA 100101: Functional English

- \*EBA 100102: Business and Portfolio Management
- \*EBA 100103: The US Commercial policy
- \*EBA 100104: Internet and Digital Economics
- \*EBA 100105: Introductory Taxation
- \*EBA 100106: Mathematics for Economists
- \*EBA 100107: Microeconomics

#### ADVANCED DIPLOMA LEVEL – EBA 200 LEVEL

- \*EBA 200108: Price Theory and Application
- \*EBA 200109: Mathematical Methods and Models for Economists
- \*EBA 200110: Public Enterprises
- \*EBA 200111: Ecological Economics
- \*EBA 200112: Budget and Budgetary Control
- \*EBA 200113: Development planning and Business System
- \*EBA 200114: Economic Principles of Law

#### PROFESSIONAL EXAMINATION 1 (PE 1) – EBA 300 LEVEL

- \*EBA 300115: Introductory Econometrics
- \*EBA 300116: Foundation of Dynamic Economic Analysis
- \*EBA 300117: Economic and Business Decision Analysis
- \*EBA 300118: Market-Valuation in Life and Pension Insurance
- \*EBA 300119: Microeconomics for Business Administration
- \*EBA 300120: Ethics and Business
- \*EBA 300121: Biodiversity Economics

#### PROFESSIONAL EXAMINATION II (PE II) – EBA 400 LEVELS

- \*EBA 400122: Econometric Modelling and Inference
- \*EBA 400123: International Finance and Trade Policy
- \*EBA 400124: Multinational Enterprise and Economic Analysis
- \*EBA 400125: Introductory Econometrics for Finance
- \*EBA 400126: Managerial Economics
- \*EBA 400127: Economics of Climate Change
- \*EBA 400128: Capital Market Operations and Securities Analysis and Portfolio Management

#### PROFESSIONAL EXAMINATION III (PE III) – EBA 500 LEVELS

- \*EBA 500129: Bayesian Econometric Methods
- \*EBA 500130: Micro -econometric Analysis
- \*EBA 500131: Macro -econometric Analysis

- \*EBA 500132: Quantitative Methods for Applied Economics and Business Research
- \*EBA 500133: Economics of Input-Output Analysis
- \*EBA 500134: Economics of Financial Markets
- \*EBA 500135: Science and Politics of Global Climate

NOTE: EBA = ECONOMICS AND BUSINESS ANALYSIS

KOLAGAFRIMERICAN INSTITUTE OF SCIENTIFIC RESEARCH  
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CALIFORNIA, USA.

(A Professional school and Training Arm of KISREAD)

**KISREAD-EDU.US** Detailed syllabus

## **DIPLOMA LEVEL**

EBA 100101: Functional English

### **SECTION A**

Listening; Enabling skills and note taking, comprehension and Information retrieval; General, comprehensive and information retrieval: Data, figures, Diagrams, and charts, listening for main ideas, for interpretation and critical evaluation Effective reading, skimming, and scanning, Reading and comprehending at varying speed level. Vocabulary development in various academic contexts, reading diverse texts in narratives and expository. Reading and comprehension passages with tables, scientific texts. Reading for interpretation and critical evaluation

### **SECTION B**

Writing paragraphs: Topic sentence and coherence. Development of paragraphs: illustration Description, cause and effect including definitions. Formal letters; essential parts and stylistic forms, complaints and request jobs, ordering goods, letters to government and other organizations, writing reports, reporting events, experiments . Writing summaries: techniques of summarizing letters and sounds in English, vowels and consonants. Interviews, Seminar presentation, public speech makings, articles, concord and sentences including tenses.

Gerund, participles, active, passive and the infinite. Modal auxiliaries.

Recommended Readings’:- Adkins, A and J. McKean (1983). Text to note. (London: Edwards Arnold); Anderson A and T.Lynch (1988). Listening, (oxford university Press); James, K.R.R. Jordan and A.J. Matthews (1988). Listening-comprehension and note-taking course; (London: Collins ELT); Olaofe, I.A (1993). Communicate English skills: (Zaria: Taniza publishing co.) Olaofe, I.A (1991). English and communication skills for Academic Purposes; (Zaria: Taniza publishing co); Williams, Eric, P. smart and S. Langley (1977). Reading skills in practice; (London: Eward Arnold).

Hauda, U. (Ed.) (2001): Functional English: Writing skill. New Delhi: Indira Grandil; National Open University.

#### EBA 100102: Business and Portfolio Management

Study of portfolio selection and management;  
Risk and Returns management, Potential profitability of various Investments;  
Forecasting Returns on individual portfolio;  
Stock Exchange: Growth, Structure Procedures, and performance in the US;  
The Joint stock Company, forms of financing and capital Market;  
Economics and other factors affecting rate of interest, wage and profit;  
Description of the following investment instrument: Gilts, Debentures and loan stock,  
Preference shares, Equity;  
Different ways of investing in properties;  
Current State of empirical evidence of modals for evaluation portfolio performance;  
Pension Funds.  
Recommended Readings:

#### EBA 100103: The US Commercial Policy

Introduction and commercial policy: (A) Free trade Vs restrictive trade practice, (B) Policy implication of term of trade of the US and gain from Trade;  
Investment and Technology Policy: (A) Capital Formation, (B) Foreign Aid and collaboration;  
Export-Import Policy: (A) Export Policy, (B) Diversification of Export, (C) Export of manufactured Goods, (D) Monopolistic Competition of Dc and LDCs, (E) Corporation and Competition;  
Commercial Policy and Economics Development: (A) Main Criteria for Import Policy, (B) Special Reason for Protection is VCDs (NICs);  
Application of Trade Control;  
Agricultural Policy of the US and Impact on commercial Policy Process;  
New International Economic Order;  
Industrial Policy: Inward Looking Vs Outward Looking Industrialization Policy: (A) Industrial Policy Resolution of 1st, 2nd, 3rd and 4th plus changing structure of Exhaustive of responsibility of the State, Progressively state-owned, Industries left to private sectors; (B) New Industrial Policy in vision 20-2020; Role of State Intervention in Nigeria Commercial Policy: Nature and extent of Industrialization and Existing Industrial Production Structure;

Role of Infrastructural Development in Nigeria CP; (A) Development of railway, (B) Bilateral Trade Agreement of Nigerian Joint Ventures and their Key Policy.

\*Ref. Textbooks:

#### EBA 100104: Internet and Digital Economics

This course explicates how our societies are being transformed by internet and digital economics. The students are to be exposed to a comprehensive account of the key mechanisms and future directions of the digital economy.

Contents:

Towards a new economy;

On-line communities;

Network Externalities and market micro-structures;

Producing, Distributing and sharing information goods;

How e-markets perform;

Evolving institutional infrastructures;

The impacts of the internet at macro level.

Recommended Readings:

Eric Brousseau and Nicolas Curien (2007) "Internet and Digital Economics: Principles, Methods and Applications"; (London: Cambridge University Press).

#### EBA 100105: Introductory Taxation

This course integrates legal, economic, and administrative materials about value added tax. Its principal purpose is to provide comprehensive teaching tools – laws, cases, analytical exercises, and questions drawn from the experience of countries and organizations from all areas of the world.

Introduction: Survey of taxes on consumption and income;

Forms of consumption – based taxes and altering the tax base;

Varieties of VAT in use;

Registration, taxpayer, and taxable business activities;

Taxable supplies of goods and services and tax invoices;

The tax credit mechanism;

Introduction to Cross-border aspects of VAT;

Timing and Valuation rules;

Zero rating and exemptions and government entities and non-profit organizations;

Gambling and financial services (other than insurance);

Insurance;



Inter-jurisdictional aspects of VAT in countries and common markets;  
Real property; (14) Proposals for the US tax on consumption.

Reference Textbooks:

Alan Schenk and Oliver Oldman (2006), Value Added Tax: A comprehensive Approach;  
(London: Cambridge University Press).

#### EBA 100106: Mathematics for Economists

This course exposes students to introductory aspects of quantitative analysis as applicable to economics and Business policies.

Contents:

Mathematical concepts in Social Sciences; (2) Set theory; (3) Factors and exponents; (4) Logarithms;  
(5) Trigonometry; (6) Equations;(7) Functions; (8) Growth mathematics, sequences, series and progressions; (9) permutations, combinations and binomial theorem; (10) linear models and matrix algebra;(11) matrices, vectors, algebra of matrix, commutative, associative and distributive laws; (12) Identity matrix and null matrix, transpose and inverse; (13) coordinate geometry and basic trigonometry; (14) Introduction to calculus; (15) Limit theorems ;(16) mathematical analysis of basic theories in economics; (17) partial and total derivatives; (18) Lagrangian multiplier; (19) Simultaneous linear Equations; (20) Linear programming; (21) Integration and symbolic logic.

#### EBA 100107: Microeconomics

Economics and Institutions: A shift of Emphasis ;( 2) Consumers and their preferences  
(3)Demand and Behaviour in the markets;  
(4) The problems of exchange;  
(5) The discovery of production and its technology;  
(6) Cost and Choice;  
(7) Game theory and the tools of strategic business analysis;  
(8) The Internal organization of the firm

Recommended Readings:

Andrew Schotter (2001), Microeconomics: A Modern approach. Addison-Wesley. 3rd Edition.

Edwin Mansfield (1970), Microeconomics: Theory and Applications. 2nd edition (New York: WW. Norton and company Inc.)

Ige, A.K.(2000), Modern Quantitative Economic Theory;( Oshogbo: Chricom Publishers)

Varian Hal. R. (2003), Intermediate Microeconomics: A Modern Approach ;( London: WW. Norton and company) 6th Edition

Jhingan M.L (1975), *Advanced Economic Theory: Micro and Macroeconomics* ;( New Delhi: Vikas Publishing House PVT Ltd.) 4th Revised and Enlarged Edition  
Oyeniya T.A. (2005), *Microeconomics: Theory and applications*. 3rd Edition;( Lagos: Cedar Publishers (Nig.) Ltd.

## **ADVANCED DIPLOMA. EBA 200 LEVELS**

### **EBA 200108: Price Theory and Applications**

This is a classic course in intermediate microeconomics

(1)Consumption and demand; (2)Applications and extensions of demand theory; (3) The business firm; (4)Equilibrium in the product market competitive industry; (5) monopolies, Cartels and networks (6) Product quality and product variety; (7) Competition among the few; oligopoly and strategic behaviour; (8) Dealing with uncertainty, the economics of risk and information; (9) the demand for factor services; (10) Resource supply and factor-market equilibrium; (11) Exchange, transaction costs and money; (12)The economics of time; (13)Welfare economics; the market and the state; (14) Government, politics and conflict.

Recommended readings: visit [www.cambridge.org/hirshleifer](http://www.cambridge.org/hirshleifer);

Jack Hirsleifer et al (2005). *Price Theory and Applications; Decisions, Markets and information*, 7th Ed; (London Cambridge University Press);

### **EBA 200109: Mathematical Methods and Models for Economists**

The treatment is to follow systematically the line of the economic argument. It is an economics course in mathematical terms; as far as possible the mathematics is required to conform to the economics.

The guiding principle is to start and to remain as close as possible to economic problems of interest to economics students. The course starts with an extensive account of macro-dynamic problems, leading to explanations of theory of games, input-output analysis and other microeconomic theories.

Course contents:

Simple dynamic models:

Notation; the cobweb model; a simple continuous model; general features of the models; the econometric problem; models with status; stability of market equilibrium; time lags in dynamic models.

The multiplier:

Macroeconomic variables and relations; a dynamic monetary model; macroeconomic models in “Real” terms; the static multiplier; a dynamic multiplier model; the relation between saving and investment; the markets for goods and factors.

Linear difference equations:

Difference equations; discrete solution; basic results; linear difference equations: first order; linear difference equations: second order; linear difference equation; generally;

economic illustrations; delays, distributed lags and the multiplier-accelerator; continuous solutions of different equations.

Trade cycle theory:

The simple multiplier-accelerator model with humped investment; detailed solution of the simple model; interpretation of the solution; application in trade cycle theory; inventory cycles; oscillations in autonomous investment; Philips model; Economic Regulation; Stabilization policy; some illustrations of stabilization policies

Inter-Industry Relations:

The analysis of industries by inputs and outputs; the transaction matrix; Leontief's open system; transactions in money values; the matrix of input coefficients; solution for three industries; the walras-leontief closed system; Dynamic solution for two industries

The theory of the firm:

Model of the firm: Marginal analysis: substitution of factors in production; joint production; marginal analysis vs. linear programming of the firm; the technology of the firm

Elementary theory of games:

Economic applications of the theory of games; the two-person zero-sum game and its pay-off matrix; expectation of the game; pure and mixed strategies; Minima, saddle points and solutions of games; solution for a 2 x 2 pay-off matrix.

Graphical solution for a 2xn pay-off matrix; the general case of a two-person zero-sum game; solutions of particular games; illustrations.

Recommended readings:

Allen R.G.D (1963): "Mathematical Economic", 2nd Edition; (London: Macmillan and Co Ltd)

Herstein (I.N) (1953): "Some mathematical methods and techniques in economics",

Samuelson (P.A) (1952): "Economic theory and mathematics – An appraisal" American Economic Review 42, 56 – 66.

Baumol W.J. (1948): "Notes on some Dynamic Models", Economic Journal, 58,506-21

Kenney J.G. Snell J.L. and Thompson G.L. (1957): Introduction to Finite Mathematics (Prentice-Hall).

Kuhn H.W. and Tucker A.W. (Editors) (1950, 1953): Contributions to the theory of games (Princeton, Vol. 1950, Vol. II 1953).

EBA 200110: Public Enterprises

This course explores the governments' roles in the economy. It is intended for advanced diploma students of the Institute. The core topics covered include markets, externalities, public goods, imperfect competition, asymmetric information and efficiency and asymmetric information and income redistribution.

Recommended readings: (Visit [www.bpeng.org](http://www.bpeng.org)- Berem of public enterprises, Nigeria).

John Leach (2004): A course in public economics; (London: Cambridge University Press).

### EBA 200111: Ecological Economics

This course provides a coherent account of the major environmental challenges to economic and human progress of the millennium. It is a compulsory course to advanced diploma students and scholars of the emerging field.

(1) What is ecological? (2) Independent systems (3) the economy in the environment (4) economic activity (5) economic accounting (6) Economic growth and human well-being (7) Economic growth and the environment; (8) Exchange and markets (9) Governance: Determining policy objectives, policy instruments; (10) the international dimension: A world of nation states; (11) Climate change (12) Biodiversity loss

Recommended Readings: Michael Common and Signal Stagl (2005), Ecological Economics: an Introduction; (London: Cambridge University Press) see also [www.cambridge.org/common](http://www.cambridge.org/common)

### EBA 200112: Budget and Budgetary Control

(1) Definition and meaning of budget; (2) Difference between budget planning and business planning; (3) types of budgets; emphasis should be laid on business and political budgeting; (4) budgeting procedures and problems of budgeting (5) budgeting analysis; students are expected to thoroughly analyze the budget of a particular year with a view of seeing whether it is in line with budgeting procedure. (Federal and state); (6) proposals for improving budgetary process.

Recommended Readings:

### EBA 200113: Development Planning and Business System

(1a) Economic planning: meaning (b)concepts and terminologies (c)Related issues in planning and business system (2) development planning and mechanism (a)choice and role specification (b)price system, accounting price and (c)shadow prices; (3)plan formulation (a)the macro phase and business system (b)assumptions of plan formulation (c)capital output ratio and optima investment allocation (4)input-output analysis in plan and business system (5)choice element in plan formulation: Goal, choice, techniques and strategies (6)Project formulation and evaluation of integration plan (7)development models in economics planning; (8) Types of plans in advanced economy: Perspective plan. Annual plan, rolling plan; vision 20 – 2050; (9) Development planning expectation in developing and developed economies; (10) Nature of economic growth and development.

Recommended readings:

### EBA 20114: Economic Principles of Law

This course applies economic to the doctrines, rules and remedies of the common law. In plain English and using non-technical analysis, it offers an introduction and exposition of the economic approach to law-one of the most exciting and vibrant fields of legal scholarship and applied economics.

(1) Economic approach to law; (2)property; (3)contract; (4) Tort; (5) Crime; (6) The students should be exposed to cases in all the aforementioned topics

Recommended Readings:

Cento Veijanorski (2007), *Economic Principles of Law*; (London: Cambridge University Press).

## **PROFESSIONAL EXAMINATION 1 (PE 1) – EBA 300 LEVELS**

EBA 300115: Introductory Econometrics

This course concerns the importance of refined asymptotic methods to approximate the finite sample behaviour econometric estimators and tests. Students should be taken through exploration simulation of the small sample behaviour of estimators and tests in panel data models.

(1) Introduction to econometrics concepts (2)description (3)correlation; (4)computing regression (5)interpreting regression (6) functional form; (7) multivariate regression; (8)Dummy variables; SECTION B. Inference (9) Monte Carlo Simulation; (10) inferential statistics review; (11) measurement box model (12) comparing two populations; (13) The classical econometric model; (14) The Gauss Markov theorem; (15) understanding the standard error; (16)hypothesis testing and confidence intervals (17)F-test (18)committed variable bias; (19) Heteroskedasticity; (20) Autocorrelation; (21) the series topics (22) Dummy dependent variables (23) Bootstrap; (24) Simultaneous equations.

Recommendation Readings: visit [www.cambridge.org/barreto](http://www.cambridge.org/barreto)

Barreto Humberto and Howland Franck (2006), *Introductory Econometrics using Monte Carlo simulation with Microsoft Excel*; (London: Cambridge University Press) 798 pp.  
Garry D.A. Phillip and Elias Tzavalis (2007), *The Refinement of Econometric estimation and test procedures: Finite sample and Asymptotic Analysis*; (London : Cambridge University Press) 418pp.

EBA 300116: Foundations of Dynamic Economic Analysis

This course on foundations of dynamic economic analysis presents an introductory but thorough exposition of optimal control theory.

The model of the firm; (1)Essential elements of continuous time dynamic optimization; (2)Necessary conditions for a simplified control problem; (3)Concavity and sufficiency in optimal control problems; (4) The maximum principle and economic interpretation (5)Linear optimal control problems; (6)Necessary and sufficient conditions for a general class of control problems; (7)Necessary and sufficient conditions for isoperimetric problems; (8)Economic characterization of reciprocal isoperimetric problems; (9) The dynamic envelope theorem and economic interpretations; (10) The dynamic envelope theorem and transversality conditions (11) comparative dynamics via envelope methods; (12) Discounting, current values, and the time consistency; (13) Total stability and phase portraits of autonomous differential equations; (14)Necessary and sufficient conditions for

infinite horizon control problems; (15) The neoclassical optimal economic growth model; (16) A dynamic limit principle model of the firm; (17) The adjustment cost model of the firm; (18) Qualitative properties of infinite horizon optimal control problems with one state variable and one control variable; (19) Dynamic programming and the Hamilton Jacobi-Bellman equation; (20) Intertemporal duality in the adjustment cost model of the firm.

Recommended Readings: Michael R. Caputo (2005), *Foundations of Dynamics Analysis: Optimal Control Theory and Applications*; (London: Cambridge University Press). 592pp.

#### EBA 300117: Economic and Business Decision Analysis

This course is premised on the strength and weakness which financial economy shares from the principles of general equilibrium theory. The strength lies in the rigorous modeling mutually consistent optimizing behaviour, in the context of both symmetry and asymmetric information, which allow for uncertainty; as long as this uncertainty is shared on theory is an extremely powerful tool. It thus assists one to derive some. Simple and instinctive pricing formulae for assets.

The examination of models of financial decision application for different type task environment; comprehension of models for short term and long term investment strategies; the use of sensitivity and familiarity analysis to forecast fortune financial events; cash and investor management strategies are important instruments for study structuring decision problems; defining a decision probabilities from expert; aggregation of expert probability judgments; model building with belief networks and influence diagrams; a Bayesian approach to learning causal networks; utility and risk preferences; practical value models; decision analysis in a behavioural and organizational context; Decision conferencing; Resource allocation decisions; Building decision competency in organizations; negotiation analysis; between decisions and games; perspective in decision analysis applications.

#### Recommended Reading:

Richard Pike and Bill Neal (2006), *Corporate Finance, Investment Decision and Strategies*; (London: Prentice Hall).

Butter R.L. Davies R. Pike R.J. Sharp (1993), *Strategic Investment Decisions*, (London Routless Press Ltd).

Ward Edwards, Ralph Miles and Detlof von Winterfeldt (2007), *Advances in Decision Analysis: from foundations to applications*; (London, Cambridge University Press).

### EBA 300118: Market-Valuation in Life and Pension Insurance

This course is meant for students and practitioners needing a guide to life insurance accounting and product development. New developments in life insurance mathematics are to be discussed, together with more traditional methods.

(1) Introduction and life insurance practice; (2) Technical reserves and market value; (3) interest rate theory in insurance; (4) Bonus, binomial and Black-Scholes; (5) Integrated actuarial and financial valuation; (6) Surplus-linked life insurance (7) Interest rate derivatives in insurance.

Recommended Readings:

Moller Thomas and Steffensen Mogens (2007), Market Valuation in life and pension insurance – international series on Actuarial sciences; (London Cambridge University, Press).

### EBA 300119: Microeconomics for Business Administration

This course is designed for student with a view to enabling them inculcate the economic way of thinking in the context of a host of problems that they, as future managers of real world firms, will find relevant to their career goals.

Contents:

(1) Microeconomics, a way of thinking about business; (2) Competitive product markets and firm decisions; (3) Principles of rational behaviour at work in society and business; (4) The logic of group behaviour in business and elsewhere; (5) Government controls; how management incentives are affected; (6) Reasons for firm incentives, (7) Consumer choice and demand in traditional and network markets; (8) Product costs and business decisions; (9) Production cost: short run and long run; (10) Firm production under idealized competitive conditions; (11) Monopoly power and firm pricing decisions; (12) Firm strategy under imperfectly competitive market conditions and under government regulations; (13) Competitive and Monopsonistic Labour markets; (14) Problems in collective decision making; (15) International trade and finance.

Recommended Reading:

Richard B. McKenzie and Dwight R. Lee (2006), Microeconomics for MBAs: The economic way of thinking for managers; (London: Cambridge University Press) 716pp

### EBA 300120: Ethics and Business

This course examines topics including stakeholder responsibilities, sustainability, and corporate social responsibility. It captures the dynamics nature of business ethics in the era of globalization where jobs can be outsourced, products are made of components from various countries and sweatshops often provide the cheap goods the public demands.

Contents:

(1)An overview of business ethics; (2) insights from ethical theory; (3) The capitalist system and its ethical implications; (4) Feminism; (5) Responsibility; (6) Rights; (7) Autonomy; (8) Beneficence; (9) The environment  
OEBAN applied ethics

Recommended Reading:

Kelvin Gibson (2007), *Ethics and Business: An Introduction*; (London: Cambridge University Press) 296pp

EBA 300121: Biodiversity Economics

The field of biodiversity economics has shown a remarkable degree of transformation over the past four decades. With contributions from many leading figures in the field, the students should be exposed to how the latest developments in bio-economic analysis can be applied to the examination and evaluation of various forms of biodiversity loss.

Contents:

(1)Biodiversity economics: An Introduction; (2) causes of biodiversity loss; (3) the value of biodiversity; (4) Policies for biodiversity conservation;  
(5) Managing Agro-Biodiversity

Recommended Readings:

Andreas Kontoleon, Unai Pascual and Timothy Swanson (2007), *Biodiversity Economics: Principles, Methods and Applications*; (London: Cambridge University Press) 632 pp.

## **PROFESSIONAL EXAMINATION II (PE II) – EBA 400 LEVELS**

EBA 400122: Econometric modeling and inference

This course should present the main statistical tools of econometrics, focusing specifically generalized method of moments (GMM) estimation and Kernel Smoothing.

Contents:

Section A: Statistical Methods: (1) Statistical models; (2) Sequential Models and asymptotic; (3) Estimation by maximization and by the method of moments; (4) Asymptotic tests; (5) Non parametric methods; (6) Simulation method. Section B: Regression Models; (7) Conditional expectation; (8) Univariate regression; (9)Generalized least squares method; Heteroskedasticity, and multivariate regression; (10) Non parametric estimation of the regression; (11) Discrete variables and partially observed models; Section C: Dynamic models; (12)Stationary dynamic models; (13) Nonstationary processes and cointegration; (14)Models for conditional variance; (15) Nonlinear dynamic models; Section D: Structural modeling; (16) Identification and over identification is structural modeling; (17) Simultaneity; (18)Models with Unobservable variables.



#### Recommended Reading:

Jean-Pierre Florens, et al (2007), *Econometric Modeling and Inference*; (London: Cambridge University Press) 475pp.

#### EBA 400123: International Finance and Trade Policy

This course examines the foreign exchange system and its management. The exchange rate mechanisms and quotation systems. A deeper knowledge of headings techniques in the international money market. The management of the firms, foreign operation and international investment strategies.

#### Contents:

Section(a) Financial management in the international Business: (1)Investment Decisions; (2)Capital budgeting; (3)Project and Parent Cash Flows; (4)Adjusting for political and economic risks; (5) Risk and capital budgeting; (6)Financing decisions, (7)Sources of Financing and Financial Structure;

Section B: International Trade Policy: (8) An overview of trade theory; (9)The pattern of international trade; (10) The benefits of trade; (11) Trade theory and government policy.

#### Recommended Reading:

Charles W.L. Hill (2005), *International Business*; (New York: McGraw-Hill Brwin company) Computing in the Global Market Place) pp. 143 – 167, 666 – 680.

Toyin Gbadebo (2009), *International Banking and Financing*; (Lagos: Ziklag Educational Publishers) 143 pp

#### EBA 400124: Multinational Enterprise and Economic Analysis

This course introduces students to how economic analysis can explain multinationals activity patterns and how economics can shed conceptual light on problems of business policies and managerial decisions rising in practice.

Contents: (1) The multinational enterprise as an economic organization (2)The MNE and models of international economics activity; (3)Organization and growth of the multinational enterprises (MNE); (4)Patterns of market competition; (5)Income distribution and labor relations; (6)Investment behaviour and financial flows; (7)Technology and productivity; (8)Taxation, MNE's behaviour and economic welfare; (9)Multinationals in developing countries and economies in transition; (10) Public policy.

#### Recommended Reading:

Richard E. Caves (2007), *Multinational Enterprise and Economic Analysis*, 3rd Edition; Cambridge Surveys of Economic Literature; (London, Cambridge University Press) 368pp.

### EBA 400125: Introductory Econometrics for Finance

This course exposes the students to analytical perception of economic models to finance studies.

Contents: (1) Introduction to conceptual issues in econometrics; (2) Econometric packages for modeling financial data; (3) A brief overview of the classical linear regression model; (4) Further issues with the classical linear regression model; (5) univariate time series modeling and forecasting; (6) Multivariate modeling; (7) Modeling long-run relationships in finance; (8) Modeling volatility and correlation; (9) Modeling regime shifts; (10) Simulation methods; (11) Conducting empirical research in finance; (12) Recent and future developments in the modeling of financial time series.

#### Recommended Reading:

Chris Brooks (2002) Introductory econometrics for finance; (London, Cambridge University Press) 728pp.

### EBA 400126 Managerial Economics

This course should expose students to nature and scope of managerial economics, the economics tools for decision making by the managers i.e. models variables, optimization, minimization, etc.

#### Contents:

(1) Objectives of the firm; (2) Economic Theories and Application in managerial decision making e.g. Demand Analysis-short and long run cost analysis; (6) market structure; (7) pricing in practices; (8) strategy analysis.

#### Recommended Reading:

Nick Wilkinson (2005), Managerial economic: A problem solving approach; (London: Cambridge University Press).

### EBA 400127: Economic of Climate Change

This course should review with utmost clarity, while allowing fully for all the uncertainties, what global warming is going to mean; and what can and should be done to reduce it. It should expose the students to the economic impact of climate change as well as the necessary economic policies require circumventing the challenges.

Contents: (1) Climate change: our approach; (2) impacts of climate change on growth and development; (3) The economics of stabilization; (4) Policy responses for mitigation; (5) Policy responses for adaptation; (6) International collective action.

**Recommended Reading:**

Nicholas Stern (2007), *The economics of climate change: The Stern Review*; (London: Cambridge University Press) 712 pp.

**EBA 400128: Capital Market Operations and Security Analysis of Portfolio Management**

This course is intended to introduce the student to the use of options, SWAPS and financial futures contracts in investment and analysis.

**Section A: Capital market operations**

African capital market in perspective; the Nigeria financial system; the Nigerian capital market; indicators of capital market performance; Participants in the capital market; securities traded in the capital market; fund raising in the capital market; security valuation and pricing in the market; factors influencing stock prices in the market.

**Section B: Security analysis and portfolio management**

Overview of security and portfolio management; forecasting rates and individual portfolio; structure of assets rises and the nature and measurement of risk; financial market efficiency; capital asset pricing model; stock valuation model; portfolio theory of equilibrium; capital market theory; theory of dynamic behaviour; evidence and issues; portfolio selection and management; current state of empirical evidence of models for evaluating portfolio performance.

**Reading:**

Esosa Bob Osaze (2007): *Capital Markets – African and Global. History Systems, Practices, Operations, Procedures, and Investment Techniques*; (Lagos: The Bookhouse Company).

**Professional Examination III (PE III) – EBA 500 Levels**

**EBA 500129: Bayesian Econometric Methods**

This course aims to teach econometrics designed to develop the computational tools used in modern Bayesian econometrics especially on latent variable models.

Contents: (1) The subjective interpretation of probability; (2) Bayesian inference; (3) Point estimation; (4) Frequentist properties of Bayesian estimators; (5) Interval estimation; (6) Hypothesis testing; (7) Prediction; (8) Choice of prior, (9) Asymptotic Bayes; (10) The linear regression model; (11) Basics of Bayesian computation; (12) Hierarchical models; (13) The linear regression model with general covariance matrix; (14) Latent variable models; (15) Mixture models. (16) Bayesian model averaging and selection; (17) Some stationary time series models; (18) Some Nonstationary time series models.

**Recommended Reading:**

Gary koop, Dale J. Poirier and Justin L. Tobias (2007), *Bayesian Econometrics methods*; (London: Cambridge University Press) 350pp.

### EBA 500130: Microeconomic analysis

This course deals with methods and models of Microeconomic, the statistical modeling of behavioural relationships based on data from sample surveys or actual or quasi-social experimental. The students should be exposed to elegant and accessible treatment of the broad range of rapidly expanding topics currently being studied by micro econometricians.

The study should go through thoughtful, intuitive, and careful laying out central concepts of sophisticated econometric methodologies.

Contents: (1)causal and non-causal models; (2)microeconomic data structures; (3)linear models; (4)ML and NLS estimation; (5)GNM and systems estimation; (6)Hypothesis test; (7)Specification tests and model selection; (8)Semiparametric methods; (9)Numerical optimization; (10) Bootstrap methods; (11) simulation-based methods; (12)Bayesian methods (13)Binary outcome models; (14)Multinomial models; (15)Tobit and selection models; (16)Transition data; and Survival analysis (17) Mixture models and unobserved heterogeneity; (18) Models of Multiple hazards; (19) Models of count data; (20) Linear panel models; base; (21) Linear panel model: extensions; (22) Non Linear panel models; (23)Measurement error models (26) Missing data and imputation; A. Asymptotic theory; (b)making pseudo-random draw.

#### Recommended Reading:

Cameron A. Colin and Pravin. Trivedi (2005), Microeconomic: Methods and Applications; (London: Cambridge University Press) 1056pp.

### EBA 500131: Macroeconomic Analysis

The course treats macroeconomic models as composed of large numbers of micro-units or agents of several types, and explicitly discusses stochastic dynamic and combinatorial aspects of interactions among them.

Contents: (1)Introduction – a new approach to macroeconomics; (2)The methods-jump markor processes and random partitions; (3)Equilibrium as distribution – the role of demand in macroeconomics; (4)Uncertainty trap-policy ineffectiveness and long stagnation of the macroeconomics; (5) Slow dynamics of macrosystem – no mystery of inflexible prices; (6)Business cycles – an endogenous stochastic approachment and the Okun's law; (8) Demand saturation-creation and economic growth; (9) The types of investors and volatility in financial markets – analyzing clusters of heterogeneous agents; (10) Stock prices and the real macroeconomic – power – law versus exponential distributions.

Recommended Reading:

Maisanao Aoki and Hiroshi Yoshikawa (2007), *Reconstructing macroeconomics: A perspective from statistical physical and combinatorial stochastic processes* (London: Cambridge University Press) 352 pp.

EBA 500133: Economics of Input analysis

Contents: (1)Introduction: Input-output basics; (2)Multiplier effects; (3)Linear programmings (4)The system of national accounts; (5)The construction of technical coefficients; (6)From input-output co-efficients to the Cobb-Douglas function; (7)The diagnosis of inefficiency (8)input analysis of international trade; (9) Environmental input-output economies; (10) Productivity growth and spillovers; (11) The dynamic inverse; (12)Stochastic input-output analysis

Recommended Reading:

Thijs ten Raa (2006), *The economics of input-output analysis*; (London: Cambridge University Press) 210pp

EBA 50034: Economics of Financial Markets

This course explicates stock dealings and security management in the capital market.

Contents: (1)Asset markets and asset prices; (2)Asset market microstructure (3)Predictability of prices and market efficiency; (4)Decision making under uncertainty; (5)Portfolio Selection: the mean-variance model; (6) The capital asset pricing model, CAPM; (7)Arbitrage; (8) Factor Models and arbitrage pricings theory, APT; (9) Empirical appraisal of the CAPM; (10) Present value relationships and price variability; (11) Intertemporal choice and equity premium puzzle; (12)Bond markets and fixed-interest securities; (13)Term structure and interest rates; (14)Futures markets – fundamentals; (15)Futures markets speculation and hedging; (16) Future markets – applications; (17)Swap Contracts and Swap Markets; (18) options markets: fundamentals; (19) Options market – price determination; (20) options markets – applications.

Recommended Reading:

Roy E. Bailey (2005), *The economics of financial markets*; (London: Cambridge University Press) 548pp

Visit [www.cambridge.org/bailey](http://www.cambridge.org/bailey)

EBA 500135: Science and Politics of Global Climate

This course provides insights into the causes and effects of the contribution of meteorological phenomena to global climate change and into why it has been so hard to get consensus among government.

Contents: (1) Global climate change: a new type of environmental problem; (2) Science, politics, and science in politics; (3) Climate change, present scientific knowledge and uncertainties; (4) The climate change policy debate: impact and potential responses; (5) The present impasse and steps forward

This course equally provides invaluable information for researchers in environmental science, climatology and atmosphere chemistry, policy-makers in governments and environmental organizations, and scientists and engineers in industry.

Recommended Reading:

Andrew E. Dessler and Edward A. parson (2006), The science and politics of global climate change: A guide to the debate; (London: Cambridge University Press) 200p.

## **SCIENCE EDUCATION**

### **ASSOCIATE DEGREE ; BACHELOR DEGREE; MASTER OF PUBLIC HEALTH**

#### **HEALTH SERVICES ADMINISTRATION AND MANAGEMENT.**

#### **HEALTH SERVICES ADMINISTRATION** Syllabus

##### **Course Description:**

This course provides a foundation in Health Services Administration. The course introduces the student to the structure and functions of the U.S. Health Care System. The health care system in the community and its environment are examined to determine how they impact Health Services Administration. Topics to be covered include: overview of the U.S. Health Care System (private and public sectors), interface between Public Health and U.S. Health Care System, various health care delivery structures, health care workforce, health care resources, types of health services, financing of health services and health care coverage, meeting the health care needs of special populations, and critical issues in health services. The student will conduct a community health system analysis.

##### **Course Prerequisites:**

Enrolled in the MPH program or by special permission from the instructor. Course

##### **Learning Objectives:**

At the completion of the course, the student will be able to:

1. Define community, health, and health services administration.
2. Describe the historical development of the U.S. Health Care System.

3. Identify the major components of the U.S. Health Care System and discuss the way they interrelate to each other.
4. Examine and analyze the interface between Public Health and U.S. Health Care System.
5. Describe how socioeconomic, political, community health, and geographical location (i.e., rural) can affect the health care system.
6. Define and differentiate concepts of health, disease and illness, and analyze the morbidity and mortality risks for the U.S. population, and their impact on the U.S. Health Care System and Public Health.
7. Assess the health status at the national, state, county, and community levels using appropriate health indicators and data sources.
8. Examine the organization and systems framework of health services in the United States.
9. Explore cultural/geographical competencies and cultural/geographical relevant approaches in the delivery of health services to communities as related to African American, Asian American, Hispanic/Latino, and Native American Indian populations and to communities located in rural, tribal, and border areas.
10. Analyze problems and current issues related to health and health care in the United States, California , and rural areas and derive potential solutions.
11. Describe and use methods to analyze the health care system in a community.

### **Master of Public Health (MPH) Core Competencies:**

These are the MPH core competencies that are addressed in the course:

**Analytical Skills:** Defines a problem; determine appropriate uses and limitation of data; selects and defines variables relevant to defined public health problems; evaluates the integrity and comparability of data and identifies gaps in data sources; and makes relevant inferences from data.

**Communication Skills:** Communicates effectively both in writing and orally; interpreting and presenting accurately and effectively demographic, statistical, and scientific information for professional and lay audiences adapting and translating public health concepts to individuals and communities; and leading and participating in groups to address specific issues, including ability to work in teams, span organizational boundaries, and cross systems.

**Policy Development/Program Planning Skills:** Assess and interpret information to develop relevant policy options; deciding on the appropriate course of action and writing clear and concise policy statement and implementation plan; and developing mechanisms to monitor and evaluate programs for their effectiveness and quality.

**Cultural Skills:** Interacting competently, respectfully, and professionally with persons with diverse backgrounds; identifying and examining the role of cultural, social, ethic, religious, spiritual, and behavioral factors in determining disease prevention health promoting behavior, and health service organizational and delivery; and developing and adapting approaches to public health problems that take into account cultural differences.

**Basic Public Health Science Skills:** Defining, assessing, and understanding the health status of population, determinants of health and illness, factors contributing to health promotion and disease prevention, and factors influencing the use of health services; and applying the basic public health sciences including behavioral and social sciences, biostatistics, epidemiology, environmental public health, prevention of chronic and infectious diseases and injuries.

**Financial Planning and Management Skills:** Developing strategies for determining priorities; monitoring program; and conduct cost-effectiveness, cost benefit, and cost utility analyses.

**Public Health Policy and Management (PHPM) Competencies:** These are the PHPM competencies that are addressed in the course:

D1. Identify the main components and issues of the organization, financing and delivery of health services and public health systems in the US.

D3. Explain methods of ensuring community health safety and preparedness.

D7. Apply quality and performance improvement concepts to address organizational performance issues.

D8. Apply "systems thinking" for resolving organizational problems.

D10. Demonstrate leadership skills for building partnerships.

**Course Textbooks:**

The required textbooks used in the class are:

Delivering Health Care in America: A Systems Approach, Fifth Edition. Leiyu Shi and Douglas A. Singh (2012). Sudbury, Massachusetts: Jones and Bartlett Publishers.

Public Health: What It Is and How It Works, Fifth Edition. Bernard J. Turnock (2012). Sudbury, Massachusetts: Jones and Bartlett Publishers.

## **Course Requirements:**

All assignments must be turned in on the due date. Extensions will not be granted except in case of an emergency. Late assignments will be assessed one letter grade penalty for each day of tardiness. Assignment details will be outlined in the class as the course unfolds. All assignments must be typewritten or word processed.

a. **Examinations:** There will be two examinations in the course. These exams will cover both lecture and assigned readings materials. They will consist of essay and short-answer questions. (450 pts)

b. **Written Assignments:**

- **Health Service Assessments Assignment:** Students will become familiar with various health services related problems and how these problems were addressed. Good practice models will also be identified. (50 pts)

- **Nogales Health System Analysis Written Assignment:** Student teams will conduct a community health system analysis of Nogales, Arizona (100 pts). This case study will provide students the opportunity to gain some experience in conducting a community



health system analysis before conducting a health system analysis of their rural communities. Ten percent of the grade will be determined by peer team evaluation of student's participation in the assignment.

- **Community Health System Analysis Assignment:** Students are expected to demonstrate that they have mastered the materials presented in class by conducting a rural community health system analysis (300 pts). Ten percent of the grade will be determined by peer team evaluation of student's participation on the report team, and another 10 percent will be determined by class evaluation of report presentation.

c. **Team Assignments:**

There are three team assignments. The student will be assigned to three different teams during the semester. Grades will be given after the completion of each team assignment. It is expected that each group member will actively participate in the team assignment. Each member of the team will be peer evaluated.

1. **HealthSubsystemAssignment:** the student will be assigned to one of five health subsystems. Each team member will have an opportunity to lead one of the group discussion assignments: (a) Life Cycle of Health (b) Subsystem Descriptions, (c) Health Provider Distributions, and (d) Workforce Trends.

2. **CommunityHealthSystemAnalysisAssignment**

d. **Presentations:** There are four class presentation assignments.

1. **Health Service Assessments**

2. **Nogales, Arizona Health Systems Analysis**

3. **Community Profile and Health Care Resources**

4. **Community Health System Analysis**

**Grading and Student Evaluation:**

Grades will be assigned based on the following four criteria:

1. **Written Class Assignments**

2. **Examinations**

3. **Community Health System Analysis Report**

4. **Professionalism / Class Participation**

15% 150 pts

100% Grades will be assigned A-E, corresponding to the following percentage scale:

A = 100 – 90 B= 89–80 C= 79–70 D= 69–60 E= 59 or less

There is no final examination.

**Class Attendance and Participation:**

45% 30% 10%

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450 pts 300 pts 100 pts -----

1,000 pts

Students are expected to attend class and to take an active role in the class discussions. Readings will be assigned for each class, and these readings must be completed before each class meeting. Periodic peer evaluations will be conducted to determine the level of student participation. The student may have two unexcused absences (e.g., work-related class absences are considered unexcused) during the semester. For each additional missed

class, five points will be taken off from a total of 100 points (Professionalism / Class Participation).

All holidays or special events observed by organized religions will be honor for those students who show affiliation with that particular religion.

Class Schedule (Topics and Assignments):

Readings have been assigned for each class. These readings must be completed before each class meeting in preparation for class discussion. Assigned and suggested readings are located at the class D2L website. Instructor's Power Point presentations will be posted on the class D2L website after the lecture topic has been completed.

Topics and Assignments

Introduction and Background

Introduction and Course Overview

Definition of Community, Health, and Health Services Administration

Definition of Community, Health, and Health Services Administration Determinants of Health and Illness

Life Cycle of Health and Health Services Needs@

U.S. Health Care System

Overview of the U.S. Health Care System (Private and Public Sectors)

Interface between Public Health and U.S. Health Care System

Organization and Systems Framework of Health Services in United States@

Types and Providers of Health Services, and Technology Resources (Part I)@

Types and Providers of Health Services, and Technology Resources (Part II)@

Health Services Workforce@

StudentPresentationsontheirHealthServiceAssessments@

StudentPresentationsontheirHealthServiceAssessments@ Health Service Assessments

Written Assignment Due

Financing of Health Services and Health Care Coverage

Examination #1

Community Health System Analysis

Community Health System Analysis: Overview and Community Profile

Community Health System Analysis: Services, Resources, Assets, Service Needs, Leadership and Readiness

Use of Data in Community Health System Analysis

Student Team Kolag Health System Analysis@

Critical Issues in Health Services

Student Team Community Profile / Health Care Resources Presentations@

Access to Health Services

Student Team Community Profile / Health Care Resources Presentations@

Assessing and Improving Quality of Care

American Public Health Association Meeting - No Class

Special Population Health Services Needs

Student Team Community Profile / Health Care Resources Presentations@

Cultural/Geographical Competencies and Provision of Health Services to Special Populations

Border Health

Tribal Health

Special Population Case Studies Discussion

Examination #2

Future of Health Services Delivery

Health Reform Impact on Health Services Discussion Discussion of Other Health Services Administration Issues

- Future of Health Services Delivery
- Facility Economic Feasibility Analysis
- Competition versus Collaboration
- Health Literacy Issues
- Other Topics

International Rural Health Comparisons

Community Health System Analysis Report Presentations

CommunityHealthSystemAnalysisReportPresentations@

CommunityHealthSystemAnalysisReportPresentations@

CommunityHealthSystemAnalysisReportPresentations@ Class Summary

Class Evaluation

Community Health System Analysis Reports Due

@ = Class Assignment

**Class Policies:**

**Communications:** You are responsible for reading emails sent to your UA account from your professor and the announcements that are placed on the course web site. Information about readings, news events, your grades, assignments and other course related topics will be communicated to you with these electronic methods. The official policy can be found at: <https://kisread-edu.us/emailpolicy.htm>.

**Academic Integrity:** The minimum punishment in this course for cases of academic dishonesty will be zero points for an assignment or examination.

**Classroom Behavior:** Students are expected to behave in a professional manner in the classroom and to be respectful to one another.

**Cellular Telephone Class Policy:** It is “OK” to have your wireless telephone on in class, if you practice telephone courtesy in the classroom (e.g., no cellular telephone answering, conversations, or texting while the class is in session). If you are going to have your cellular telephone on during class, please have it on non-ringing option (e.g., vibrating mode). You may leave the class if it is an emergency call; otherwise, please wait until the after class is completed to return the call.

**Laptop Computer Class Policy:** It is “OK” to use your laptop computer to take notes in class, if you practice laptop computer courtesy in the classroom (e.g., no surfing on the Internet or answering or sending email messages).

**Grievance Policy:** Should a student feel he or she has been treated unfairly, there are a number of resources available. With few exceptions, students should first attempt to resolve difficulties informally by bringing those concerns directly to the person responsible for the action, or with the student's graduate advisor, Assistant Dean for Student and Alumni Affairs, department head, or the immediate supervisor of the person responsible for the action.

**Grade Appeal**

**Syllabus Changes:** Information contained in the course syllabus, other than the grade and absence policies, may be subject to change with reasonable advance notice, as deemed appropriate.

## **Health Services Administration Course Reading Assignments**

Topics and Assignments

Introduction and Background

IntroductionandCourseOverview

Definition of Community, Health, and Health Services Administration

Health Promotion at the Community Level

Chapter 1 - Contemporary Developments in Health Promotion: Definitions and Challenges (pp. 29-43)D2L

Chapter 2 - Social Change Theory: Applications to Community Health (pp. 45-50)D2L

Managing Health Services Organizations and Systems

Chapter 5 – The Practice of Management in Health Services Organizations and Health Systems (pp. 231-258)D2L

Epidemiology and the Delivery of Health Care Services  
Chapter 1 - An Epidemiological Framework for the Delivery of Health Services (pp. 3-22) D2L  
Definition of Community, Health, and Health Services Administration Determinants of Health and Illness

**Public Health: What It Is and How It Works**

Chapter 2 - Health from an Ecological Perspective (pp. 47-84 and 88-97) Delivering Health Care in America: A Systems Approach  
Chapter 2 - Beliefs, Values, and Health (pp. 39-76)  
Community Health Analysis: Global Awareness at the Local Level Chapter 1 - Health and Our Belief System (pp. 19-23) D2L

Life Cycle of Health and Health Services Needs @ An Introduction to Community Health  
Chapter 7 - Maternal, Infant, and Child Health (pp. 167-203) D2L

Chapter 8 - Adolescents, Young Adults, and Adults (pp. 206-230) D2L Chapter 9 - Elders (pp. 233-259) D2L

American's Children in Brief Key National Indicators of Well-Being, 2012.

Website: [http://www.childstats.gov/pdf/ac2012/ac\\_12.pdf](http://www.childstats.gov/pdf/ac2012/ac_12.pdf).

Mulye TP, Park MJ, Nelson CD, et al. Trends in adolescent and young adult health in the United States. J Adolesc Health. 2009;45(1):8-24.

Website:

<http://www.jahonline.org/article/PIIS1054139X09001244/fulltext>

Older American: Key Indicators of Well-Being, 2012 Website:

[http://www.agingstats.gov/agingstatsdotnet/Main\\_Site/Data/2012\\_Documents/docs/EntireChartbook.pdf](http://www.agingstats.gov/agingstatsdotnet/Main_Site/Data/2012_Documents/docs/EntireChartbook.pdf).

U.S. Health Care System

**Overview of the US Health Care System** (Private and Public sectors)

Delivering Health Care in America: A Systems Approach

Chapter 3 - The Evolution of Health Services in the United States (pp. 81-114)

Pharmacy and the U.S. Health Care System

Chapter 2 - The U.S. Health Care System (pp. 8-29) D2L

Public Health: What It Is and How It Works

Chapter 3 - Public Health and the Health System (pp. 121-140) Additional reading on HSA Class D2L website will be assigned.

Interface between Public Health and U.S. Health Care System

**Public Health: What It Is and How It Works**

Chapter 1 - What is Public Health? (pp. 1-25)

Chapter 3 - Public Health and the Health System (pp. 107-120) Chapter 4 – Law, Government, and Public Health (pp. 171-188) Chapter 8 – Public Health Emergency Preparedness and Response

(pp. 423-475) – Optional Reading

Medicine and Public Health: The Power of Collaboration

The Historical Relationship Between Medicine and Public Health

(pp. 11-22) D2L

Introduction to Health Services

Chapter 8 -The Evolution of Public Health: A Joint Public-Private

Responsibility (pp. 162-176) D2L

Organization and Systems Framework of Health Services in United States@

Delivering Health Care in America: A Systems Approach

Chapter 5 - Who Pays For Health Care and Why Does It Cost So Much?

(pp. 107-135) D2L

Types and Providers of Health Services, and Technology Resources (Part I)@

Public Health: What It Is and How It Works

Chapter 4 - Law, Government, and Public Health (pp. 188-195)

Delivering Health Care in America: A Systems Approach

Chapter 7 - Outpatient and Primary Care Services (pp. 247-284) Chapter 8 - Inpatient Facilities and Services (pp. 289-328)

Chapter 10 - Long-Term Care (pp. 377-414)

Arizona Town Hall 2007: Arizona Health Care in Arizona: Accessibility, Affordability and Accountability

Chapter 3 - Who Provides Health Care And Where Do They Deliver It? (pp. 57-66) D2L

Additional reading on HSA Class D2L website will be assigned

TypesandProvidersofHealthServices,andTechnologyResources (Part II)@

Introduction to Health Services

Chapter 12 - Mental Health Services (pp. 280-305) D2L

Delivering Health Care in America: A Systems Approach

Chapter 9 - Managed Care and Integrated Organizations (pp. 333-371) Chapter 5 -

Medical Technology (pp. 159-191)

Electronic Medical Record/Electronic Health Record Systems of Office-based Physicians: United States, 2009 and Preliminary 2010 State Estimates.

[http://www.cdc.gov/nchs/data/hestat/emr\\_ehr\\_09/emr\\_ehr\\_09.pdf](http://www.cdc.gov/nchs/data/hestat/emr_ehr_09/emr_ehr_09.pdf).

## **Health Services Workforce**

Delivering Health Care in America: A Systems Approach Chapter 4 - Health Services Professionals (pp. 121-152) Public Health: What It Is and How It Works

Chapter 4 -The Infrastructure of Public Health (pp. 286-312)  
Accessibility, Affordability and Accountability (Class D2L Website)  
Chapter 3 - Who Provides Health Care And Where Do They Deliver It?  
(pp. 38-57) D2L  
California Rural Health Plan: Primary Rural Health Areas – Availability Focus  
Areas, Objectives, and Strategies  
[https://kisread-edu.us/aos\\_kisread.html](https://kisread-edu.us/aos_kisread.html)  
Additional reading on HSA Class D2L website will be assigned.  
StudentPresentationsontheirHealthServiceAssessments@  
StudentPresentationsontheirHealthServiceAssessments@ Health Services Issue Articles  
Written Assignment

Financing of Health Services and Health Care Coverage  
Delivering Health Care in America: A Systems Approach  
Chapter 6 - Health Services Financing (pp. 199-241)  
Chapter 12 - Cost, Access, and Quality (pp. 471-492)  
Understanding U.S. Health Care Spending: NIHCM Foundation Data Brief

<http://nihcm.org/images/stories/NIHCM-CostBrief-Email.pdf>  
National Health Expenditure Projections: 2011-2021.  
[http://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/Downloads/Proj2011\\_PDF.pdf](http://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/Downloads/Proj2011_PDF.pdf)  
Kaiser Family Foundation. Trends in Health Care Costs and Spending,  
D2L  
[http://www.kff.org/insurance/upload/7692\\_02.pdf](http://www.kff.org/insurance/upload/7692_02.pdf)  
Examination #1

Community Health System Analysis  
Community Health System Analysis: Overview and Community Profile  
Community Health: Education and Promotion  
Chapter 3 - Community Assessment and Mobilization (pp. 84-104) D2L Need Analysis:  
Tools for the Human Services and Education Chapter 1 - Identifying Needs (pp. 7-17)  
D2L  
Chapter 3 - Resource Inventory (pp. 32-41) D2L  
Chapter 5 - Analyzing Use of Services (pp. 58-68) D2L  
Community Health System Analysis: Services, Resources, Assets, Service Needs,  
Leadership and Readiness  
Health Promotion at the Community  
Chapter 4 - Assessing the Community: Its Services, Needs, Leadership, and Readiness  
(pp. 91-106) D2L  
Use of Data in Community Health System Analysis  
Community Health Analysis: Global Awareness at the Local Level Chapter 7 - Health  
Status Indicators and Indexes (pp. 202-207) D2L Delivering Health Care in America: A  
Systems Approach

Chapter 2 - Beliefs, Values, and Health (pp. 67-74)  
Community Health Education and Promotion  
Chapter 1 - Development of Health Education and Promotion – Healthy People 2010  
Overview: Goals, Objectives, and Leading Health Indicators  
(pp. 39-41) D2L

Student Team Kolag Health System Analysis@  
Critical Issues in Health Services  
Student Team Community Profile / Health Care Resources Presentations@  
Access to Health Services  
Delivering Health Care in America: A Systems Approach  
Chapter 12 - Cost, Access, and Quality (pp. 493-499)  
Access to Health Care in America  
Chapter 2 - A Model for Monitoring Access (pp. 31-44) D2L  
California Rural Health Plan: Primary Rural Health Areas – Accessibility Focus  
Areas, Objectives, and Strategies

Student Team Community Profile / Health Care Resources Presentations@  
Assessing and Improving Quality of Care

### **Introduction to Health Services**

Chapter 16 - Assessing and Improving Quality of Care (pp. 373-390) D2L Delivering  
Health Care in America: A Systems Approach  
Chapter 12 - Cost, Access, and Quality (pp. 499-513)  
An Introduction to Quality Assurance in Health Care  
Chapter 1 - The Components of Quality in Health Care (pp. 4-27) D2L  
American Public Health Association Meeting - No Class  
Population, Health Status, and Health Services Needs  
Student Team Community Profile / Health Care Resources Presentations@  
Cultural/Geographical Competencies and Provision of Health Services  
to Special Populations  
Delivering Health Care in America: A Systems Approach  
Chapter 11 - Health Services for Special Populations (pp. 419-461) Office of Minority  
Health. “Office of Minority Health Published Final  
Standards for Cultural and Linguistic Competence.” Closing the Gap,  
D2L

Community Health: Education and Promotion  
Chapter 4 - Culturally Competent Health Promotion (pp. 195-280) D2L Women and  
Health



Chapter 5 - Gender Issues in Women's Health Care (pp. 50-54) D2L HHS Office of Women Health Website: <http://womenshealth.gov/> Women's Health U.S.A. 2011: <http://www.mchb.hrsa.gov/whusa11/>

## **Border Health**

U.S.-Mexico Border Health Commission: Border Region

[www.borderhealth.org/border\\_region.php](http://www.borderhealth.org/border_region.php)

Rural Assistance Center: U.S.-Mexico Border Health <http://borderhealth.raonline.org/>

Health Resources and Services Administration, Bureau of Health Professions: Arizona

Border County Health Workforce Profiles

<http://bhpr.hrsa.gov/healthworkforce/bordercounty/bcarizona.pdf>

Tribal Health

Primary Care of Native American Patients

Chapter 2 - Epidemiologic Patterns of Morbidity and Mortality (pp. 7-14) D2L Office of

Minority Health: American Indian/Alaska Native Profile

<http://minorityhealth.hhs.gov/templates/browse.aspx?lvl=2&lvlID=52>

Special Population Case Studies Discussion

Examination #2

Future of Health Services Delivery

Health Reform Impact on Health Services Discussion

Delivering Health Care in America: A Systems Approach Chapter 13 – Health Policy

(pp. 519-539)

Future of Health Services Delivery

Discussion of Other Health Services Administration Issues

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Future of Health Services Delivery

Delivering Health Care in America: A Systems Approach

Chapter 14 -The Future of Health Services Delivery (pp. 543-566)

Health Facility Economic Feasibility Analysis Competition versus Collaboration

Health Literacy Issues

### • Other Topics

International Rural Health Comparisons

National Rural Health Association: What's Different about Rural Health Care?

<http://www.ruralhealthweb.org/go/left/about-rural-health/what-s-different-about-rural-health-care>

Additional reading on HSA Class D2L website will be assigned.

Community Health System Analysis Report Presentations

CommunityHealthSystemAnalysisReportPresentations@

CommunityHealthSystemAnalysisReportPresentations@

CommunityHealthSystemAnalysisReportPresentations@ Class Summary  
Class Evaluation  
Community Health System Analysis Reports Due  
Key: @ = Student assignments

KISREAD-EDU.US Syllabus is compiled and collated by:

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