**DEBRE MARKOS UNIVERSITY**

**COLLEGE OF POST GRADUATES**

**COURSE SYLLABI FOR SECOND SEMESTER COURSES\_ SEM.II/2012EC**

1. **COLLEGE/SCHOOL/INSTITUTE: Business and Economics**

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| Depart  ment | Program  Name | Course details | | | | Remark |
| Economics | Course Title and code | Course code | CrHr | Course description |  |
| Development economics | Economics of growth and development | DEC 512 | 2 | Economics of Growth and Development course is outlined to build the specialists’ knowledge of economic growth and development. It is geared to instill the principal models of economic growth and development. After evaluating some of the stylized facts of economic growth, supported by data, students will discuss the two famous growth models – Malthusian and Solow. They will then proceed to analyze endogenous growth models. In the absence of convergence of countries’ growth, the likelihood is that there would be poverty traps and inequality. These will be discussed before the sources of transition from stagnation to growth/development are finally enumerated. |  |
| Poverty and Development | DEC 522 | 3 | The course of Poverty and Development focuses on the understanding of the two evils – poverty and income inequality at the microeconomic level. The course covers issues including Concepts and Measurements of Poverty, Poverty and Measurements of Income Inequality, Intra-household Resource Allocation, Link between Poverty, Inequality and Growth, Human Capital Development: Theory and Policy.We use microeconomic tools to understand why some individuals in the same household are poor, stay poor and transmit poverty to their children. Specifically, we examine gender inequality and resource allocation within households. In the third axis, attempt will be made to assess the link between poverty, inequality and economic growth. The fourth axis will rely on poverty-inequality-food insecurity-reduction strategies. There, we will examine the role of economic growth and increasingly popular anti-poverty programs, namely conditional cash transfers and microcredit and saving. |  |
| Advanced Econometrics and Software application II | DEC 532 | 2 | Advanced Econometrics is a rigorous and advanced course in Econometrics. It is offered in one semester. The courses are designed to equip graduate students of economics with contemporary theories and models of econometrics supplemented by applications to economics using econometric packages.  Advanced Econometrics and Software application covers a brief review of simple and multiple linear regression models, Endogeneity and Simultaneous Equation Models, Discrete and Limited Dependent Variable models, time series econometrics, and models of panel data. Sufficient time will be allocated to acquaint students with modern econometric software and use them for analyzing economic problems in their research studies. |  |
| Rural Development | DEC 542 | 2 | This course aims to provide theoretical, empirical and methodological understanding of rural development processes and dynamics with emphasis on national and global context. The course acquaints students with evolving themes and contemporary issues in rural development theories and practices. The course provides insights in the theories, models and approaches, policies, strategies and outcomes of rural development dynamics through corporative analysis with the current Ethiopian context, rural transformation of the experiences of selected low and middle income countries. It will also cover the rural Livelihoods and poverty Reduction strategy as well as iinclusive Rural development and Rural-Urban migration. In doing so the course presents a comprehensive framework of a thorough analysis of the heterogeneous and multidimensional character of rural development. In addition to a thorough and in-depth elaboration of these debates, rural development practices will be analyzed; as a result students come to understand the methodological questions to deal with multi dimensions of rural development. |  |
| Research Methods | DEC 552 | 2 | The course provides students with some advanced research techniques in economics. It emphasizes the application of econometrics, mathematics and statistics to economic research. The course will cover concepts of Scientific research -experimental and non-experimental research design, field research, and survey research, Defining the research problem - formulation of the research hypotheses, research design, Developing a Research Proposal, Research Methodology –sampling and data collection methods, estimation and the application of economic models, and finally it engaged in report generation. |  |
| Economic Policy Analysis and Modelling | DEC 562 | 3 | It is a course that offers a tool to enable students carry out quantitative economic policy analysis using Computable General Equilibrium (CGE) models with GAMS (General Algebraic Modeling System) software or other alternative econometric package. This course is not essentially a lecture course, but rather it is a semi-structured hands-on training in which trainees will use computers to learn different methods of analyzing data. The course starts out with simple models and gradually introduces new concepts and new commands to develop a multimarket spatial equilibrium model that encompasses several commodities and regions, as well as internal and international trade. |  |
| Seminar in Development Economics | DEC 572 | 1 | The seminar aims to look into a development economics issue in relative detail. A very specific topic will be chosen and introduced by the professor. Students will then participate actively in presenting attending their colleagues’ presentations. |  |
|  | Accounting and Finance | Financial Institutions, Instruments and Markets | ACFN 512 | 2 | This course will provide students with an understanding of the mechanisms of various financial institutions, markets and instruments. The scope comprises the diversity of financial instruments and intuitions, and the latest developments and issues from the financial arena. It aims to develop a critical awareness of the theoretical and practical problems associated with regulating financial markets. The course will investigate how the market structures potentially cause and mitigate financial risk to market participants and end users. Specifically the course includes topics such as concept of financial assets and its Relevance, commercial and investment Banks, Equity Markets, Foreign Exchange markets, Money Markets, Mortgage markets and securitization, Derivatives markets, Relationship between financial markets, Other Financial institutions, special issues, Understanding Debt Markets, The Financial institutions industry, Liberalization of Financial Markets and intuitions, Central Banks and regulatory Authorities. |  |
|  | Advanced Taxation | ACFN 522 | 2 | This course deals with Taxation and the Ethiopian Tax System in particular. The purpose of this course is to provide a solid foundation in the major areas of taxation focusing on the key competencies required at the point of qualification. It will enable graduates to appreciate where tax is important in decision making by both individuals and businesses and to be fully aware of the tax aspects of particular transactions. It introduces the principles of taxation, the different types of taxes, Direct tax and Indirect Tax and the various issues involved from an international perspective. Moreover, the course examines international tax matters and the measures that are helpful in tackling them and finally, it discusses the Ethiopian tax system in particular. |  |
|  | Financial Econometrics | ACFN 532 | 2 | This course intends to introduce advances in financial econometrics, which has resulted in an increasing number of sophisticated models, which characterize stock market prices and returns. This course provides students with the opportunity to develop specialized quantitative skills and gain an understanding of financial econometric models such as classical linear regression model, statistical inferences, and violation of the assumptions for classical linear regression, non-parametric tests and event studies. As part of the course, the students will be introduced about different statistical packages such as EViews, STATA, and SPSS etc. |  |
| Advanced Cost and Management Accounting | ACFN 542 | 3 | This course describes the cost functions and behaviors, C-V-P analysis under multiple-product conditions and uncertainty, cost estimation techniques, cost analysis for pricing decisions, profit centers approach for decisions regarding transfer pricing; and investment centers approach for determining ROI and Residual Income. The course also covers recent developments in cost and management accounting like management control systems; results controls, action, personnel and cultural controls; control system tightness; control system cost; designing and evaluating management control systems; financial responsibility centers including transfer pricing; planning and budgeting; financial and non-financial performance measures; incentive systems, the myopia problem; uncontrollable factors |  |
| Advanced Auditing | ACFN 552 | 2 | This course expands on the subject matter covered in the introductory auditing course and also considers certain specialized areas. External auditors attest to information, or provide reasonable assurance as to the fairness and dependability of that information. This course focuses on Advanced Auditing Principles as related to publicly traded organizations, the general public, and the audit firm in general. This course is a case based course that has selected key real-life cases and these cases can be collectively discussed in three broad areas; (i) ethics and audit litigation, (ii) audit planning and internal control structure, and (iii) substantive testing and external reporting. For each case, the presentation and class discussion will incorporate the related accounting principles, the appropriate auditing standards and applicable professional standards internationally. |  |
|  | Investment analysis and Portfolio Management | ACFN 562 | 2 | This course provides a comprehensive coverage of basic concepts, theories, applications and decision-making rules in financial investments. In particular, the course will focus on the analysis of stocks, bonds, options and other derivative securities. Additionally, the course will examine the role and performance of portfolio managers, mutual funds and other investment companies.  This module will provide sufficient exposure to the mechanisms employed to fulfill different goals of investment for short or long-term intentions. It will equip participants with the necessary skills and tools of evaluation and measurement of risk, benefits and trends of investment actions. It portrays the process of analyzing decisions relating to investment in different securities or financial assets. Investments can be thought in two branches; security analysis and portfolio management. It is to be begin by looking at the financial markets and the concept of risk/return; then, modern portfolio theory is to be examined, including market efficiency and behavioral finance. The nature of investor objectives, their risk tolerance, asset allocation decisions and performance evaluation issues are to be explored. Issues concerning macroeconomics, industry and sector analysis, alternate (qualitative and quantitative) methods of valuation, the timing of buy/sell decisions etc are also to be explored. |  |
| **Management** | MBA | Leadership and Change Management | MBA 612 | **2** | This course deals with leadership and change management which is a responsibility of an effective leader. It introduces theories of leadership and leader development, change types (evolutionary revolutionary changes, planned Vs unplanned changes, first order change Vs second order change, developmental, transactional, and transformational changes), change management tools( TQM, BPR, BSC, 7 S model, Six sigma etc), Managing a change and Adapting to Change, conflict and conflict management, ways of introducing change and harmonizing the organization, processes analysis and measurement, business process reengineering, benchmarking. |  |
|  |  | Operations Management | MBA 622 | **3** | Operations management (OM) is the management of any productive system that creates desired goods and services. It deals with the creation, direction and control of processes that transform a set of inputs to desired outputs at added value. It presents the core concepts and theories of OM and provides a basic understanding of key issues and challenges encountered by operations managers. It also demonstrates the application of proven analytical techniques that enable the efficient and effective management of operation systems. Topics covered include operations strategy, product and process design, plant location and facilities layout, capacity management, quality management and improvement, and supply chain and materials management. |  |
| Human Resource Management | MBA 632 | **2** | Human resource at this level focuses on the analysis of the functions and role that human resource management contributes to development and maintenance of the organization’s most important resources people—in pursuit of its strategy.  The course addresses what the manager can expect in terms of forecasting needs, recruitment, development and all aspects of retaining a workforce that matches the organization’s needs. Topics covered include contemporary human resource planning and development, recruitment and selection of personnel, induction/orientation, training and development, performance appraisal, compensation, labor relation management, and emerging and cross cutting human resource issues like workforce diversity and management, human resource empowerment, HIV/AIDS and so on. |  |
|  |  | Financial Institutions and Investment Management | MBA 642 | **2** | This course is to prepare students for today’s dynamic financial environment. The course introduces the student to the construction, management, and performance evaluation of investment portfolios. Under this course the issue of Portfolio Management, The Nature of Investment Risk, The Investment in Liquid Assets, Application of Market Model in Portfolio Construction; Capital Asset Pricing Model; Characteristic Lines, Factor Models and Arbitrage Pricing Theory; Constructing Efficient Frontier ; Optimum Portfolios, Portfolio Investment Process; Bond Portfolio Management Strategies; Investment Timing and Portfolio Performance Evaluation; Corporate Portfolio Management in International Diversification will be addressed. |  |