G.C.E. Advanced Level Grades 12 and 13

Economics

Revised Syllabus will be implemented from 2012 (The examination will be held for the first time in year 2012)



Department of Business Studies
Faculty of Science and Technology
National Institute of Education.

Contents

		Page No.
1.0	Introduction	i
2.0	Aims of the syllabus	ü
3.0	Competency and Competency Levels of Revised Syllabus	iii - xiii
4.0	Allocated time periods	xiv
5.0	Revised syllabus	1-46
5.0	Learning teaching strategies	47-48
7.0	School policies and programs	48-50
8.0	Assessment and Evaluation	50

1.0 Introduction

A competency based curriculum has been introduced to the schools system from 2009 onwards for the GCE (A/L) subject streams under the first curriculum reforms of 2009 in the new millennium. A competency based curriculum has been introduced to the Economics syllabus, taking into consideration global trends and contemporary changes in Economics ,one of the most popular subjects in the Arts and Commerce streams at Advanced Level.

This curriculum has been implemented in the schools for three (03) years now. The new Economics Syllabus was edited in terms of the outcomes of research implemented jointly at National Level, by the Ministry of Education and the National Institute of Education. The syllabus has been prepared, taking into consideration the subject content considered essential for students at GCE (A/L) level and the amount of time the teacher actually spends in the class.

Economics is a social science which is very close to day to day human life. Various social sciences study, from various angles, how people behave in society and the discipline of Economics studies how people behave in society from an economic perspective. It is obvious that Economics is the basis of numerous subjects and disciplines under Management and Commerce. As such, many educational career opportunities are available to students who pursue Economics as a subject. An opportunity is provided to the students to follow Economics as a subject under various professional courses related to Commerce, Management and Accounting. As such, it provides a sound basis for an effective life to the students who learn Economics as a subject. It is expected that those who study this subject effectively can be competent citizens capable of contributing efficiently and effectively to the sustainable development of Sri Lanka.

2.0 Aims of the Syllabus

- Provide critical understanding of and scientifically analyze the basic economic problems in a society and alternative methods of solving these basic economic problems.
- Provide skills necessary to analyze practical economic problems and trends using economic concepts and theories.
- · Provide an opportunity for student to understand the behaviour of macro economic variables and their interrelationship
- Motivate one to investigate the rational behaviour of people and firms in a market.
- Provide opportunities to study accepted definitions of various economic concepts
- Provide guidance for the investigation of the government and involve itself in achieving macro economic objectives in a market economy.
- Provide skills to critically analyze the current economic policies.
- Provide skills necessary to investigate comparatively, the multiplicity of the economic development.
- Provide necessary basic competencies to analytically explain the subject Economics.
- Show the importance of the relationship of International Trade & Finance viz a viz globalization.
- Develop necessary skills to critically examine the performance of the Sri Lankan economy.
- Provide the foundation necessary to work towards the social wellbeing of society.
- Provide the foundation appropriate to access higher education.

3.0 Revised subject content of Competency and Competency Levels

Competency and Competency Levels	Removals & Limitations
1.3 Uses graphs and equations for economic analysis.	 The above competency level has been changed to "Uses graphs and equations for market analysis" and is given under competency level 2.2. Uses graphs and equations with the help of X and Y variables excepting economic variables.
1.7 Presents different opportunity cost scenarios using the production p frontier.	Decreasing opportunity cost : removed.
Uses Production Possibility Curve to present usage of resources i economy.	Definition and measurement of productivity has been transferred from 1.9 as content of competency level 1.8.
1.9 Logically expresses ways of enhancing factor productivity	This competency level has been removed. Definition and mesurement of productivity has been replaced under competency level 1.8.
1.12 Classifies economic systems using different criteria.	Transitional economies: limited only for purposes of providing definitions and examples.

Competency and Competency Levels	Removals & Limitations
2.1 Classifies markets in terms of economic analysis.	The following areas included in competency four have been included under factor market. Demand for factor market (Derived demand). Payment for factors of production. (Rent, economic rent, wages, interest rate, economic profit).
2.3 Analyses relationship between price and quantity demanded.	 "Diminishing marginal utility". under reason for the law of demand: removed. "Speculation goods" under exceptions to the law of demand: removed.
2.5 Calculates elasticity to identify types of price elasticity of demand.	Arc elasticity of demandEquation and the calculation: removed.
2.15 Investigates impacts of producer taxes on market operations.	 "Ad valorem tax": limited only to definitions. Calculation and presenting impact of taxes: limited only to unit tax.
2.16 Investigates distribution tax incidence according to demand and supply elasticities	 Tax incidence of taxation explained only according to unit tax. Tax incidence according to demand and supply elasticities explained by using unit tax only.

Competency and Competency Levels	Removals & Limitations
2.17 Investigates the effects of subsidies on market operations.	 Ad valorem subsidy to producer: limited to brief explanation. Presentation of impact of subsidies: limited to unit subsidy. Explanation of tax incidence according to elasticity of demand & supply using only unit subsidy.
3.1 Analyses nature of production process.	 The following areas: removed Production organization. Firms Firms of business organizations The tittle of "(By table)" under law of return to scale: removed.
4.0 Analyses behaviour of factor markets.	This competency : completely removed

Competency and Competency Levels	Removals & Limitations
5.1 Examines applications of economic policies for macroeconomic management.	Name of competency levels changed to "Investigates macroeconomic objectives". Since these areas are discussed under other competencies the following areas have been removed. Macroeconomic Policies Monetary policy Fiscal policy Income policy Policies to promote aggregate supply Direct control Foreign trade policies
5.6 Demonstrates preparedness to compile National Accounts using expenditure approach.	Explains resources and their utilization by using related data in Sri Lanka.
5.7 Demonstrates preparedness to compile National Accounts using income approach.	The relationship between balance of payment and national accounts: limited to a brief explanation. Explains gross domestic savings and national savings by using related data in Sri Lanka.

Competency and Competency Levels	Removals & Limitations
5.8 Investigates the applications of national accounts	 Since these areas are discussed under other competencies the following areas have been removed. National accounts in Sri Lanka Composition and recent tends of national output. Sectorial contribution of agriculture, industrial and service sectors. Recent trends of agriculture, Industrial and service sectors. Distribution of national output. Percapita output/ Income Following areas have been included. Measuring economic growth Percapita income Sectorial contribution Content of competency level 5.9 :included here
5.9 Highlights limitations of national accounts	This competency level trasferred to competency level 5.8

Competency and Competency Levels	Removals & Limitations
6.5 Investigates determination of equilibrium in an open economy.	Since these areas are discussed under competency level 6.4. the following areas have been removed from competency level 6.5 Consumption function (C) Savings function (S) Investment (I) Government expenditure Government purchase (G) Transfer (TR) Autonomous Taxes (T)
7.1 Analyses measures of general price level	Price indices: limited to a brief explanation.
7.2 Investigates price indices that measure change of general price level in Sri Lanka.	Sri Lanka Consumers Price Index : removed.
7.4 Analyses causes and effects of inflation using different approaches to inflation.	Structural inflation : removed.
8.3 Analytically examines the supply of money in Sri Lanka.	 M₅: removed. Central bank liabilities and assets replaced with the followings areas Central bank liabities Central bank assets

Competency and Competency Levels	Removals & Limitations
8.4 Classifies the financial system in Sri Lanka	Following areas have been removed. Central Bank of Sri Lanka. Licensed Commercial Banks. Licensed Specialized Banks. Registered Finance Companies Co-operative Rural Banks Thrift and credit co-op. Societies Special leasing companies Primary dealers Merchant Bank Financial brokers Unit trust Venture capital investigations Credit rating institutions Insurance companies Employee provident fund Employee trust fund Other provident funds Government services provident funds

Competency and Competency Levels	Removals & Limitations
8.7 Investigates the use of monetary policy instruments in Sri Lanka.	Monetary policy transmission mechanism : removed.
8.8 Analyses the financial market in Sri Lanka.	The following areas have been removed (GSP+) Capital market Definition Institutions in the capital market
10.1 Investigates the basis of international trade.	 Following areas have been removed Static gains Dynamic gains Exchange of technical knowledge Exchange of Management skills
10.2 Analyses the impact of protectionist policies in international trade	(GSP+) Generalized system of preferences : removed.

Competency and Competency Levels	Removals & Limitations
10.9 Investigates importance of economic organization for economic co-operation.	Economic integration: limited only to definition. The following areas have been removed. Preferential trade arrangements (GSP+) Free trade areas Customs unions Common markets Economic unions Comprehensive Economic partnership agreement (CEPA) Extra knowledge of related changes in bilateral and multilateral trade agreements is important.
10.10 Investigate role of International Financial institutions	Asian Development Bank : removed. Only explanation of the objectives and roles of the following institution. International monetary fund (IMF) The world bank group (WBG)
10.11 Investigates impact of globalization on developing countries.	Globalization as a historical process: removed.

Competency and Competency Levels	Removals & Limitations
11.3 Evaluates sustainable development through comparative analysis of the multiplicity of economic development.	 This competency level has been changed to "Evaluates sustainable development through comparative analysis of the world bank classification of economics." "International classifications of economics" has been changed as "World Bank classification of economics". The following areas have been removed World Bank classification Other classification International varieties of economic development
11.5 Investigates the concept of poverty and how it is measured	 The following areas have been included Economic growth and poverty Pro-poor economic growth policies "Multi Dimensional Poverty Line" has been replaced by "Human Development Poverty."

Competency and Competency Levels	Removals & Limitations
11.7 Investigates the relationship between economic growth and poverty	Competency level has been completlly removed. Since it is discussed in competency level 11.5
11.10 Explores quantitative and structural characteristics of employment and unemployment in Sri Lanka	Effects of unemployment : removed.
11.11 Investigates issues of the labour market in Sri Lanka.	Competency level : completily removed.
12.12 Analyses the pattern of economic growth since independence investigating full employment and utilization of resources in Sri Lanka.	The above competency level has been changed to "Analyses the pattern of economic growth since independence." Since these areas are discussed under other competencies the following areas have been removed. Total resources Gross domestic product Import Utilization of resources Consumption Investments Exports Savings Domestic savings National savings

3.0 Allocated Time Periods

No.	Competency	Allocated Peiods	Periods for contents	Periods for Activities
(1)	Analyses ways of solving the key economic problem in an economic system.	70	58	12
(2)	Analyses the rational behavior of households and firms in the market.	110	95	15
(3)	Explores the rational behaviour of production units in the market	35	30	05
(4)	Demonstrates preparedness to compile National Accounts within macroeconomic framework.	50	42	08
(5)	Investigates determination of macro economic equilibrium.		30	05
(6)	Analyses the change of price levels that affects macro economic process.		19	06
(7)	Analyses the contribution of monetary and banking system to the economic process.		39	09
(8)	Investigates the type of intervention of the government to achieve macro economic objetives.	65	55	10
(9)	Analyses the effects of International Trade and Finance on an economy.	65	55	10
(10)	Displays the interest on contribution sustainable development through comparative analyses of the multiplicity of the economic development.		47	10
(11)	Evaluates performance of Sri Lanka economy since independent.	40	30	10
		600	500	100

3.0
3.1 -Grade 12 COMPETENCIES, COMPETENCY LEVELS, CONTENT AND NUMBER OF PERIODS

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
1.Analyses ways of solving the key economic problem in an economic system.	1.1 Confirms that Economics is a Social Science.	 Definition of Economics Scientific thinking of Economics Economics as a Social Science Importance of learning Economics 	7 0
	1.2 Uses the theories and applications of Economics for decision making.	 Positive and Normative Economics Microeconomics and Macroeconomics Methodology of Economics Models Assumptions Theories 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	1.3 Demonstrates human needs and wants are satisfied by consumption of goods and services.		
	1.4 Classifies resources used for producing goods and services.	 Resources Classification of resources Economic resources and non-economic resources Renewable and non-renewable resources Factors of production Land Labour Capital Entrepreneurship 	
	Makes rational decisions to fulfill unlimited wants with limited resources of alternative uses.	 Scarcity Unlimited wants Limited resources Economic resources with alternative uses Choice Opportunity cost 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	1.6 Presents different opportunity	Production Possibility Frontier (PPF)	
	cost scenarios by using the	Definition	
	Production Possibility Frontier.	Assumptions	
		Determinants	
		Graphical and numerical presentation of opportunity cost	
		Constant opportunity cost	
		Increasing opportunity cost	
		Increasing opportunity cost as a more realistic situation and underlining	
		reasons	
	1.7 Uses Production Possibility	Usage of resources	
	Curve to present usage of	Scarcity	
	resources in an economy.	Utilization of resources fully and efficiently.	
		Under utilization and inefficient utilization of resources	
		Change in production capacity (change in production possibility)	
		Change in factor endowments	
		Definition and mesurement of productivity	
		Changing productivity	
		Technology	
		Human capital	
		Management	
		Division of labour and specialization of labour	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	Takes efficient decisions on the allocation of resources and output	 Basic economic problems Allocation of resources What is to produce and in what quantity? Production How to produce? Distribution of out put For whom to produce? 	
	Demonstrates the behaviour of the main actors in an economic system.	Economic system Definition Elements Main actors Households Government Firms Others Labour organizations Nongovernmental organizations Coordinating mechanism Price mechanism Planning command mechanism Rules and regulations Legal framework Procedures Policies Norms and traditions Custom and culture	06

COMPETENCY COMPETENCY I	EVELS CONTENT	PERIODS
1.10 Classifies econor using different cri		

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
2. Analyses the rational behavior of households and firms in the market.	Conomic unurjoid.	Market Classification of markets Goods and services markets Factor market Demand for factor(Derived demand) Payment for factor (Rent, Economic rent, Wages, Interest rate and Economic profit)	110
	2.2 Uses graphs and equations for market analysis.	 Relationship between variables Independent variable Dependant variable Positive and negative relationships Positive slopes and negative slopes Graphs and equations Linear graphs Linear equations 	

arket demand.	 Demand Definition Individual demand Market demand 	
	Individual demand	
	 Market demand 	
	The Theory of Demand	
	Individual demand	
	Market demand	
	Demand function	
	 Individual demand function 	
	 Market demand function 	
	• The Law of Demand	
rses relationship	Methods of presenting the Law of Demand	
een price and	 Demand schedule 	
ity demanded.	Demand curve	
	 Demand equation 	
	 Reasons for the Law of Demand 	
	 Income effect 	
	 Substitution effect 	
	• Exceptions to the Law of Demand	
	 Giffen goods 	
	 Demonstrative goods 	
	rses relationship ten price and	 Individual demand Market demand Demand function Individual demand function Market demand function Market demand function The Law of Demand Methods of presenting the Law of Demand Demand schedule Demand curve Demand equation Reasons for the Law of Demand Income effect Substitution effect Exceptions to the Law of Demand Giffen goods

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	2.5 Distinguishes between change	Change in quantity demanded	
	in quantity demanded and	Increase in quantity demanded	
	changes in demand.	Decrease in quantity demanded	
		Change in demand	
		Increase in demand	
		Decrease in demand	
	2.6 Calculates elasticity to identify	Concept of elasticity	
	types of price elasticity of demand.	Definition	
		Price elasticity of demand	
		Definition	
		Point elasticity of demand	
		Formula and calculation	
		Elasticity categories according to the coefficient of elasticity	
		Perfect inelastic	
		Inelastic	
		Unitary elastic	
		Elastic	
		Perfect elastic	
		Price elasticity and the slope of the demand curve	
		Price elasticity and demand equation	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	2.7 Examines the rational decision	Determinants of price elasticity of demand	
	making in a market based on price elasticity of demand.	Price elasticity and consumer outlay/producer revenue.	
	price clasticity of demand.	Practical relevance of price elasticity of demand	
	2.8 Examines rational decision	Cross price elasticity of demand	
	making in a market based on cross price elasticity of demand.	Definition	
		Formula and calculation	
		Classification of goods according to the elasticity coefficient	
		Substitute goods	
		Complementary goods	
		Practical importance of cross price elasticity of demand	
	2.9 Examines rational decision		
	making in a market based on	Income elasticity of demand	
	income elasticity of demand.	• Definition	
		Formula and calculation	
		Classification of goods according to the elasticity coefficient	
		Normal goods	
		Essential goods	
		• Luxury goods	
		Inferior goods Propried importance of Income electricity of demand	
		Practical importance of Income elasticity of demand	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	2.10 Analyses the factors determining market supply.	 Supply Definition Firm's supply Market supply Theory of supply Supply function 	
	2.11 Examines the relationship between price and quantity supplied.	 The Law of Supply Methods of presenting the Law of Supply Supply schedule Supply curve Supply equation Reasons for the Law of Supply Increasing opportunity cost 	
	2.12 Distinguishes between change in quantity supplied and change in supply.	 Change in quantity supplied Increase in quantity supplied Decrease in quantity supplied Change in supply Increase in supply and reasons Decrease in supply and reasons 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	2.13 Investigates rational decision making process in a market according to price elasticity of supply.	 Price elasticity of supply Definition Formula and calculation Categories of price elasticity of supply according to elasticity coefficient Perfect inelastic Inelastic Unitary elastic Elastic Perfect elastic Price elasticity of supply and slope of the supply curve Price elasticity of supply and supply equation Determinants of price elasticity of supply Usefulness of price elasticity of supply and it's practical applications. 	
	2.14 Investigates the determination of price in a market.	 Market equilibrium Definition Methods of determination market equilibrium Demand and supply schedules Graphical methods Equations Concepts associated with market equilibrium 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
		Excess demand	
		Excess supply	
		Excess demand price	
		Excess supply price	
		Consumer surplus	
		Producer surplus	
	2.15 Investigates changes equilibrium according	Change in equilibrium	
	demand and supply changes.	 Demand changing in fixed supply 	
	account manager,	 Supply changing in fixed demand 	
		Change in both demand and supply	
	2.16 Investigates impact of	Taxes on goods and services	
	producer taxes on market	Specific tax/ unit tax	
	operations.	Ad valorem tax	
		Methods of presenting impact of unit tax	
		Demand and supply schedule	
		Graphical method	
		Equations	
		• Effects of unit tax	
		Equilibrium	
		Total outlay	
		Total revenue	
1	1		

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
		Consumer surplus	
		Producer surplus	
		Government revenue	
		Social welfare	
	2.17 Investigates the distribution tax incidence according to	Tax Incidence of unit taxation	
		Consumers	
	demand and supply elasticities.	• Producers	
		Tax incidence on unit tax according to demand and supply elasticities	
	2.18 Investigates the effects of	Producer subsidies	
	subsidies on market	Unit subsidy	
	operations.	Ad valorem subsidy	
	1	Methods of presenting impact of unit subsidy	
		Demand and supply schedule	
		Graphical method	
		• Equations	
		Impact of producers unit subsidy	
		Equilibrium	
		Total outlay	
		Total revenue	
		Consumers surplus	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
COMPETENCY	COMPETENCY LEVELS	Producer surplus Government expenditure Social welfare Distribution benefits of unit subsidy Consumers Producers Distribution benefits of unit subsidy according elasticity of demand and supply	
	2.19 Investigates the effects of price controls on market operations.	 Price controls Price ceiling / maximum price Graphical presentation Impact Arrangements to make meaningful of price ceilings Rationing Importation Encourage production Floor price / minimum price Graphical presentation Impact 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
3. Explores the rational behaviour of production units in the market.	3.1 Analyses nature of the production process.	Arrangements to make meaningful of price flooring Storing surplus output By-product Promoting current demand Export Guaranteed price Graphical presentation Effects Production function Short run Law of Diminishing Returns (By a schedule) Long run Law of Returns to Scale Increasing returns to scale Decreasing returns to scale Constant returns to scale	35

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
COMPLETENCE	3.2 Calculates production cost using various approaches.	Cost of production Basic concept associated with cost of production Economic cost and Accounting cost Direct and indirect cost Normal profit as a cost Short run production	PERIODS
	3.3 Analyses the behaviour of cost in the production process.	 Fixed cost (FC) Variable cost (VC) Total cost (TC) Marginal cost(MC) Average cost (AC) Presenting cost of production in short run Schedule Graphical methods 	
	3.4 Analyses market structures through basic characteristics.	 Market structures and their basic characteristics Perfect competition Monopoly Monopolistic competition Oligopoly 	

COMPETENCY COMPETENCY LEVELS	CONTENT	PERIODS
3.5 Analyses the short run behaviour of a firm in perfect competition.	 Demand curve for a perfect competition firm Profit maximization in short run Total revenue and total cost approach (Explain using a simple schedule) Marginal revenue and marginal cost approach (Explain using a simple schedule) Short run equilibrium of a perfects competition Super normal profit / abnormal profit Normal profit Incurring losses Deviation of perfect competitive market model from reality 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
4. Demonstrates preparedness to compile National Accounts within macroeconomic framework.	Investigates macroeconomic objectives.	 Macroeconomic objectives Full employment Economic stability Equality Economic growth Sustainable development 	50
	4.2 Investigates key macroeconomic variables	 Key macro economic variables National output Employment General price level Balance of payment Foreign exchange rate Business cycles Potential output and actual output Contraction and expansion 	
	4.3 Analyses alternative approaches to national accounting using the circular flow of national income.	 The circular flow of national income National accounting approaches Output approach Income approach Expenditure approach Items to be excluded from national accounting 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	4.4 . Demonstrates preparedness to compile National Accounts using the output approach.	Output approach Estimation of output Multiple counting error Methods to avoid multiple counting errors Final output method Value added method	
	4.5 Investigates various concepts of output approach on a comparative base.	 Various concept of output approach Gross domestic product Gross national product Net domestic product Net national product Factor price and market price Current price and constant price Gross domestic product and Gross national product deflator 	
	4.6 Demonstrates preparedness to compile National Accounts using the expenditure approach	 Expenditure approach Consumption (C) Investment (I) Government purchases (G) Net exports (NX) 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
		Gross domestic expenditure and gross domestic product	
		Gross national expenditure	
		Methods to avoid multiple counting errors	
		Resources and their utilization	
		(Explain using related data in Sri Lanka)	
	4.7 Demonstrates preparedness	• Income approach	
	to compile National Accounts		
	using the income approach.	• Employee incomes	
		• Rent	
		• Net interest	
		Profit and entrepreneurial incomes	
		Domestic income	
		National Income	
		Methods to avoid multiple counting errors	
		Gross domestic product	
		Personal income	
		Disposable personal income	
		• The relationship between Balance of Payment and national accounts	
		(Brief explanation)	
		Disposable gross national income	
		Real national income	
		Gross domestic savings and national savings	
		(Explain using related data in Sri Lanaka)	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	4.8 Investigates the applications of	Applications national accounts	
	national accounts.	Per capita output / income	
		Sectoral contribution	
		Limitations of national accounts	
		Non-market transactions	
		Illegal economic activities	
		 Informal economic activities 	
		Quality improvements of output	
		 Omission of environmental impact 	
		Environmental degradation	
		Green national accounts	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
5 Investigates determination of macro economic equilibrium.	5.1 Investigates the components of aggregate expenditure.	 Aggregate expenditure - income approach Components of aggregate expenditure and their determinants Consumption expenditure Investment Government purchases Net exports 	35
	5.2 Investigates the way of determinates equilibrium in a two sector model.	 Macroeconomic equilibrium in two sector model Income -expenditure approach Withdrawals-injections approach Consumption function (C) Savings function (S) Investment (I) Calculation equilibrium level of income in two sector model By schedules By graphical methods By equations 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	5.3 Demonstrates the changes in	Change in equilibrium in two sector model	
	equilibrium level of income due	Change in consumption function	
	to aggregate expenditure	Change in investment	
	components using the multiplier	• The multiplier process in two sector model	
	process.	By schedule	
		By equations	
		• Difference between full employment level of output and equilibrium level of	
		income	
	5.4 Investigates determination	Closed economy equilibrium	
	equilibrium in a closed economy.	Income- expenditure approach	
		Withdrawals -injections approach	
		• Consumption function (C)	
		• Savings function (S)	
		• Autonomous taxes (T)	
		Government expenditure	
		Government purchase (G)	
		• Transfers (TR)	
		• Investment (I)	
		Calculating closed economy equilibrium	
		By schedule	
		By graphical methods	
		By equations	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	5.5 Investigates determination	Open economy equilibrium	
	equilibrium in an open economy.	Income -expenditure approach	
		Withdrawals - injections approach	
		• Autonomous taxes (T)	
		• Exports (X)	
		Calculating open economy equilibrium	
		By schedule	
		By equations	
			300

Grade 13

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
6. Analyses the change of price levels that affects macro economic process.	6.1 Analyses measures of general price level.	 General price level Definition Measures of general price level Basic introduction in price indices. 	25
	6.2 Investigates price indices that measure change of general price level in Sri Lanka.	 Price indices that measure the change of general price level in Sri Lanka Colombo Consumers' Price Index (New) Wholesale Price Index Deflator of Gross Domestic Product 	
	6.3 Studies the types of inflation analyzing the concepts of inflation.	 Inflation Definition Measures of inflation Headline inflation Core inflation Types of inflation Galloping inflation Creeping inflation 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
7. Analyses the contribution of monetary and banking system to the economic process.	6.4 Analyses causes and effects of inflation using different approaches to inflation. 7.1 Investigates the concept of money, types of money and functions of money.	Spiral inflation Suppressed inflation Disinflation Deflation Deflation Deflation Deflation Demand-pull inflation Cost-push inflation Cost of inflation Cost of inflation Cost of inflation Cost of inflation Cost of inflation Noney Definition Characteristics of money Types of money Currency Bank money Near money/quasi money Money substitutes Electronic money	PERIODS 48

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
		Functions of money Value of money Internal value External value	
	7.2 Presents the factors determining the demand for money.	 Demand for money Definition Determinants of demand for money Transactions motive Precautionary motive Speculative motive 	
	7.3 Analytically examines the supply of money in Sri Lanka.	 The supply of money. Definition Monetary aggregates Mo M1 M2 M2b M4 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
		 Base money Determinants of base money supply Using Central bank liabilities and assets Money multiplier Determinants of money supply 	
	7.4 Classifies the financial system of Sri Lanka.	 Banking sector Other depository financial institutions Other special finance institutions Accorded Savings Institutions 	
	7.5 Investigates the functions of commercial banks in the banking system.	 Commercial banks Definition The functions Liquidity and profitability. The balance sheet Money creation Determinants of money creation Deposit multiplier 	
	7.6 Investigates the role of the Central Bank as the apex financial institution in Sri Lanka.	 The Central Bank of Sri Lanka. Definition Objectives Functions 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	7.7 Investigates the use of monetary policy instruments in Sri Lanka.	 Monetary policy Monetary policy instruments Quantitative monetary instruments Policy interest rates Bank Rate Repo Rate Reverse Repo Rate. Statutory Reserve Ratio. Open market operations. Credit control instruments. Credit ceilings Collateral requirement for loans Selective interest rates Moral suasion 	
	7.8 Analyses the financial market in Sri Lanka.	 The financial market in Sri Lanka. Definition Calssification 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
8. Investigates the type of intervention of the government to achieve macro economic objectives.	8.1 Logically represents the reasons for market failure.	Money Market Definition Sub Money Markets Market failure. Reasons for market failure. Externalities. Imperfect competition Imperfect information Non provision of public goods Inefficiency in the provision of quasi public goods Inefficiency in the provision of merit goods	65
	8.2 Examines the effects of externalities on market failure.	 Provision demerit goods Externalities Externalities in production Positive externalities Negative externalities 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
		 Externalities in consumption Positive externalities Negative externalities Externalities and market failure. The meaning correct market failures caused by externalities. 	
	8.3 Investigates the role of the government in a market economy.	 The role of the government in a market economy. Efficiency in allocation of resources Equality in distribution of income and wealth Provision of legal framework and governance Macro economic stability Economic growth and sustainable development. Provision of infrastructure facilities. Government failure 	
	8.4 Investigates the use of Fiscal policy to achieve macro economic objectives.	 Fiscal policy Definition Fiscal policy instruments. 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
		 The use of fiscal policy to achieve macro economic objectives. Full employment Price stability Economic growth Balance of payments stability Equity in income and wealth distribution. Sustainable development. Issues in achieving macro economic objectives. 	
	8.5 Investigates the tax system as a major source of government revenue.	 Government revenue. Tax revenue Non-tax revenue Principles of taxing Types of taxes Classification of taxes on the incidence of taxation. Direct tax Indirect tax Classification of tax according to levavy Proportional taxes Progressive taxes Regressive taxes 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
		 Economic effects of taxation The structure of government revenue in Sri Lanka. The trends of the government revenue in Sri Lanka. 	
	8.6 Reveals recent changes in the composition of government expenditure.	 Government expenditure Classification of government expenditure. Economic classification Current expenditure Capital expenditure Functional classification General and public expenditure Social service expenditure Economic service expenditure Other expenditure Recent trends in government expenditure. 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	8.7 Analytically investigates economic effects of government budgetary policies.	 The Government budget Definition Structure Deficit, surplus and balanced budget. Budgetary policies Expansionary budgetary policy Contraction and budgetary policy 	
	8.8 Investigates the government budget and its economic effects.	 Budgetary in Sri Lanka. Budget deficit The causes for the budget deficit. Financing of budget deficit. Economic effects of budget deficit. 	
	8.9 Investigates the composition and trends of public debt in Sri Lanka. 8.10 Analyses economic effects of supply promotion policies of government.	 Public debt Public debt structure Economic effects of Public debt. Servicing of public debt Recent trends. Supply promotion policies. Definition 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
		 Supply side principles. Tax reforms Privatization Deregulations Labour market reforms. Capital market reforms. Economic effects of supply side policies. 	
9. Analyses the effects of International Trade and Finance on an economy.	9.1 Investigates the basis of International Trade.	 International Trade Definition Theories of International Trade Principle of Absolute Advantage Principle of Comparative Advantage Gains of International Trade Gains from specialization Gains from exchange 	65

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	9.2 Analyses the impact of	• Free Trade	
	protectionist policies in	• Protectionism	
	international trade.	• Type of protectionist policies	
		• Tariff	
		 Non-tariff barriers 	
		• Impact of protectionist policies	
		 Arguments for and against protectionism 	
		• Regulatory institutes of international trade	
		World Trade Organization (WTO)	
	9.3 Investigates structure and trends of the international trade in Sri Lanka.	 Exports of Sri Lankan Structure Trends Imports of Sri Lankan Structure Trends 	

9.4 Investigates economic impacts of International Trade using terms of trade. • Types of Terms of Trade • Types of Terms of Trade • Commodity Terms of Trade • Calculation • Economic effects • Income Terms of Trade • Calculation • Economic effects • Balance of Payments • Definition • Components of Balance of Payments • Current account • Trade account • Service account • Income account • Current transfers account • Capital and finance account • Capital account	PERIODS
 terms of trade. Commodity Terms of Trade Calculation Economic effects Income Terms of Trade Calculation Economic effects Balance of Payments Definition Components of Balance of Payments Current account Trade account Service account Income account Current transfers account Capital and finance account 	
Calculation Calculation Economic effects Income Terms of Trade Calculation Economic effects Income account Trade account Service account Income account Current transfers account Capital and finance account	
 Economic effects Income Terms of Trade Calculation Economic effects Balance of Payments Definition Components of Balance of Payments Current account Trade account Service account Income account Current transfers account Capital and finance account 	
 Income Terms of Trade Calculation Economic effects Balance of Payments Definition Components of Balance of Payments Current account Trade account Service account Income Terms of Trade Calculation Balance of Payments Current account Current account Service account Income account Current transfers account Capital and finance account 	
 Calculation Economic effects Balance of Payments Definition Components of Balance of Payments Current account Trade account Service account Income account Current transfers account Current transfers account Calculation Economic effects Definition Current account Service account Current transfers account Capital and finance account 	
 Economic effects Economic effects Balance of Payments Definition Components of Balance of Payments Current account Trade account Service account Income account Current transfers account Capital and finance account 	
 9.5 Prepares a structure of Balance of Payments based on the contents of Balance of Payments. Definition Components of Balance of Payments Current account Trade account Service account Income account Current transfers account Capital and finance account 	
of Payments based on the contents of Balance of Payments. • Definition • Components of Balance of Payments • Current account • Trade account • Service account • Income account • Current transfers account • Capital and finance account	
 of Payments based on the contents of Balance of Payments. Components of Balance of Payments Current account Service account Income account Current transfers account Capital and finance account 	
Components of Balance of Payments Current account Trade account Service account Income account Current transfers account Capital and finance account	
 Trade account Service account Income account Current transfers account Capital and finance account 	
Service account Income account Current transfers account Capital and finance account	
 Income account Current transfers account Capital and finance account 	
Current transfers account Capital and finance account	
Capital and finance account	
• Capital account	
◆ Capital account	
• Finance account	
• Structure of balance of payments	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	9.6 Investigates economic effects	Recent trends of Balance of Payments in Sri Lanka	
	of foreign transactions using	Economic impacts of Balance of Payments in Sri Lanka	
	Balance of Payments in Sri Lanka.	• Deficit	
		• Surplus	
		Balance of Payments problems and corrective measures	
	9.7 Investigates the determination	Foreign exchange market	
	and impacts of foreign exchange	• Foreign exchange rate	
	rate.	Definition	
		Nominal and real exchange rates	
		Nominal and real effective exchange rates	
		Foreign exchange rate systems	
		• Fixed exchange rate systems	
		• Floating exchange rate systems	
		Adjustable exchange rate systems	
		• Foreign exchange rates and balance of payments adjustments	
		Devaluation and Revaluation	
		• Exchange rate depreciation and appreciation	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	9.8 Investigates effects of foreign	Foreign investments	
	investments in an economy.	Types of foreign investments	
		Foreign Direct Investments	
		Portfolio investments	
		Economic effects of foreign investments	
		• Foreign assets/ external assets	
	9.9 Investigates the importance of	Economic integrations	
	economic organization for	Trade agreements	
	economic co-operation.	Bilateral trade agreements	
		Examples:	
		Indo-Sri Lanka Free Trade Agreement (ISLFTA)	
		Pakistan Sri Lanka Free Trade Agreement (PSLFTA)	
		Multilateral trade agreements	
		Examples:	
		Bengal Initiative for Multi-Sectoral Technical and Economic	
		Cooperation(BIMSTEC)	
		North American Free Trade Agreement (NAFTA)	
		South Asian Free Trade Area (SAFTA)	
		• Asian Free Trade Area (AFTA)	
		(Change regarding trade agrement, expected)	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	9.10 Investigate the role of	International financial institutions	
	International financial institutions.	International Monetary Fund (IMF)	
		The World Bank Group (WBG)	
		(Role and objectives expected)	
	9.11 Investigates the impact	Globalization	
	of globalization on developing	Main features of globalization	
	countries.	The driving forces of globalization	
		Impact of globalization on developing countries	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
10. Displays the interest on contribution sustainable development through comparative analyses of the multiplicity of the economic development.	10.1 Analyses causes of economic growth emphasizing the importance of economic growth. 10.2 Investigates the characteristics	Definition Causes of economic growth Factor endowment Productivity Economic Stability Political Stability Good governance Measures of economic growth Changes of economic structure with economic growth Importance of economic growth Cost of economic growth	5 7
	of economic development process and measurements.	 Economic development Definition Characteristics of economic development process Measures of economic development. 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	10.3 Evaluates sustainable development through comparative analyses in the world bank classifications of economies	 World bank classifications of economies The concept of Sustainable Development 	
	10.4 Examines the standard measures of measuring inequality of income.	 Inequality of income Definition Types of income distributions Absolute income distribution Relative income distribution Measures of income distributions Lorenz curve Gini Coefficient 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	10.5 Investigates the concept of	• The concept of poverty	
	poverty and how it is measured.	Definition	
		Absolute and Relative poverty	
		Poverty dimensions	
		• Income (Consumption) poverty	
		 Human development poverty 	
		Measuring poverty	
		National Poverty Line	
		International Poverty Line	
		Multi Dimentional Poverty Index	
		Relationship between economic growth and poverty	
		Pro poor economic growth	
	10.6 Evaluates the measures taken		
	to alleviate poverty in Sri Lanka.	Poverty in Sri Lanka	
		Incidence of poverty	
		Regional disparities	
		Causes of poverty	
		Measures taken to reduce poverty	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	10.7 Investigates population	Population	
	distribution and its impact in	 Population growth and its determinants 	
	Sri Lanka.	Changes in distribution of population and their effects	
		Sex ratio	
		Ages structure	
		 Rural, urban and estate population. 	
	10.8 Explains the estimate of the	• Labour force	
	labour force in Sri Lankan.	Definition	
		Calculation	
		Determinants	
		 Population of working age 	
		• Labour force participate rate	
	10.9 Explores quantitative and	• Employment	
	structural characteristics of	• Definition	
	employment and unemployment	Structure	
	in Sri Lanka.	• Full employment	
		Under employment	
		Unemployment	
		Definition	
		Structure	
		Causes of unemployment	
		• Effects of unemployment	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
11. Evaluates performance of Sri Lanka economy since independent.	11.1 Inquires into the sectoral composition of Gross Domestic Product and employment in Sri Lanka.	Gross Domestic Product Sectoral composition Private and state sector contribution. Employment Sectoral composition Private and state sector contribution	40
	11.2 Analyses the pattern of economic growth since independency in Sri Lanka. 11.3 Investigates the issues related to the agricultural sector in Sri Lanka.	 Patterns of economic growth since independent From 1948 to 1977 After 1977 Agricultural sector Agricultural sector contribution to economic development process Overall performance and trends Potentials and problems in domestic agriculture Problems and potentials in plantation agriculture Agro based industries 	

COMPETENCY	COMPETENCY LEVELS	CONTENT	PERIODS
	11.4 Investigates the issues related to the industrial sector in Sri Lanka.	 Industrial sector Industrial sector contribution to economic development process Overall performance and trends Trends in private sectors Public sector industries The role of small and micro level enterprises 	
	11.5 Investigates the issues related to the service sector in SriLanka	 Sevice sector Services sector contribution to economic development process Structure and trends Growth and structural changes Infrastructure oriented services Economic, social and finance infrastructures The role of private sector in infrastructures development 	
	11.6 Investigates contemporary economic events.	 Contemporary economic events Domestic Global Effects contemporary economic events 	

6.0 Learning - Teaching Strategies

Economics studies the manner of economic behaviour of people in society. The learning and teaching process of the subject makes students to think and work along to economic perspectives. Therefore, it is necessary to make the proposed learning- teaching process more practical and student centered. It is expected of students to capture concepts of economics simply and use them practically. Thus it is important to use appropriate methodologies in order to generate knowledge, attitudes and skills as well as good lifestyles. The learning – teaching process should be effectively planned in order for student to learn theories, principles and experiences in this discipline. Economics is a social science that entails deep, complex and derived concepts which study the economic behavior of human beings. There are large numbers of learning methodologies which can be obtained from the society they live in as well as through their experiences. It is expected of the teacher to select appropriate methodologies, plan and implement them.

As this syllabus has been built on the basis of competencies, it is expected to implement methodologies based on Inquiry Based Learning Approaches to achieve the competencies and competency levels proposed in the syllabus. It has been proposed to use the Inquiry based learning —teaching approach, the experiential learning approach and the constructivist learning approach.

Examples that could be used for each learning teaching processes are mentioned below. the use of such methods can provide the pathway for active learning. It is assumed that through this it would be possible to eradicate the lethargic and indefferent environment in the classroom.

- Self studies using books
- Assignments and projects
- Observation and exploration
- Problem solving
- · Group learning method

- Brainstorming
- Sports
- Debates
- Role-play
- Essays
- Training Activities
- Field trips
- Simulations
- Case studies
- Graphic Organizer
- Modeling
- Learning by doing

The teacher should always perform a very important role as: a facilitator, a monitor and a resource person. It is expected that specially focus on application oriented learning—teaching methods, individual or group activities, assignments etc, may always leads the student to creative and inquisitive thinking.

7.0 School Policies and Programs

Effectiveness of the classroom learning and teaching process highly influences the effective achievement of the expected objectives and competencies of the Economics subject. As such it is most important to organize appropriate school policies and programs.

According to this revised syllabus 600 periods has been allocated for two years, it includes 500 periods for content and 100 periods for activities.

It is necessary to select, practice-oriented, subject related activities and co-curricular activities when selecting the methodologies to be utilized for the learning teaching process in Economics. A pathway could be opened to bring out student's hidden talents creativity through this process. Therefore, there is need to pay attention to school policies and programs which could be used for this purpose.

$Examples \ of \ possible \ programs \ to \ be \ implemented$

- Collect information by observing the market
- Make students think along economic lines.
- Set up commerce associations.
- Organize discussions and conferences to provide experiences from society to the class room.
- Organize field trips to observe and study locations such as economic centers, share market etc.
- Maintain a collection of subject related articles published in magazines and newspapers.
- Guide students in the maintance of a wall paper and a magazine on global trends related to economics.
- Study how market forces work by organizing a market.
- Create and stagement appropriate dramas to display a person's economic behavior.
- Conduct competitions, debates discussions and conferences.
- Collect information related to economics using internet.
- Provide awareness of contemporary events in terms of economics.

It necessary to develop its own specific policy for each school in order to organize special programs and activities related to the subject as mentioned above. It is appropriate to appoint a committee comprising students and teachers of economics for two years as a sub-program of the school annual plan to prepare subject related special programs and policies. It is better to decide on the future programs and policies which are expected to be implemented parallel to AL economics and amalgamate them to the school annual plan. In these events, it is necessary to incorporate the needs of stakeholders of education, parents and students, and government policies. It is necessary to implement a proper study of the relationship among resources, funds, schools and the community.

8.0 Assessment and Evaluation

It is expected to prepare and implement teaching-learning tools creatively to cover the prescribed competency and competency levels under school-based assessment for every term each year.

This syllabus is recommended for the GC.E (A/L) examination which is the national level evaluation at the end of grade 13. The national level examination based on this revised syllabus, conducted by the Examinations Department of Sri Lanka will be held for the first time in 2012. The structure and nature of question paper of this examination will be provided by the Department of Examination