

# **ECONOMICS**

ATAR COURSE

Year 12 syllabus

#### **Acknowledgement of Country**

Kaya. The School Curriculum and Standards Authority (the Authority) acknowledges that our offices are on Whadjuk Noongar boodjar and that we deliver our services on the country of many traditional custodians and language groups throughout Western Australia. The Authority acknowledges the traditional custodians throughout Western Australia and their continuing connection to land, waters and community. We offer our respect to Elders past and present.

#### IMPORTANT INFORMATION

This syllabus is effective from 1 January 2024.

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Syllabuses are formally reviewed by the School Curriculum and Standards Authority on a cyclical basis, typically every five years.

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## **Rationale**

Economics investigates the choices which all people, groups and societies face as they attempt to resolve the ongoing problem of satisfying their unlimited wants with limited resources. Economics aims to understand and analyse the allocation, utilisation and distribution of scarce resources that determine our wealth and wellbeing. Economics develops the knowledge, reasoning and interpretation skills that form an important component of understanding individual, business and government behaviour at the local, national and global levels.

The Economics ATAR course encompasses the key features which characterise an economist's approach to a recent economic event or issue: to simplify the essence of a problem; to collect economic information and data to assist analysis and reasoning; and to draw inferences, which assist decision-making, the development of public policy and improvement in economic wellbeing.

The Economics ATAR course develops reasoning, logical thinking and interpretation skills demanded by the world of work, business and government. These skills relate to a variety of qualifications in vocational, technical and university education contexts. The learning experiences available through studying this course explore the knowledge, values and opinions which surround the complex range of economic events and issues facing our society, including market efficiency, market failure, gains from trade, the business cycle and economic policy.

Economic literacy developed through this course enables students to actively participate in economic and financial decision-making which promotes individual and societal wealth and wellbeing.

### **Aims**

The Economics ATAR course aims to develop students':

- understanding of economic ideas and information at local, national and global levels across a variety of contexts
- skills in analysis of economic issues and events, and the forces that influence the operation of the economy
- understanding of the trade-offs and effects of economic decisions made at the local, national and global levels
- understanding of economic decision-making and its role in creating a productive, efficient and equitable economy
- understanding of why economic policies and actions are required to manage the economy
- understanding of the policy options used to address domestic and international economic problems and issues
- skills in economic inquiry as they apply them to recent economic issues and events
- application of economic concepts and models to interpret economic data and information, such as patterns, similarities, differences and trends
- skills in using economic terminology to convey meaning to economic decision makers.

## **Organisation**

This course is organised into a Year 11 syllabus and a Year 12 syllabus. The cognitive complexity of the syllabus content increases from Year 11 to Year 12.

### Structure of the syllabus

The Year 12 syllabus is divided into two units which are delivered as a pair. The notional time for the pair of units is 110 class contact hours.

#### Unit 3 – Australia and the global economy

This unit explores the interdependence of Australia and the rest of the world. Australia is a relatively open economy and, as such, is influenced by changes in the world economy.

#### Unit 4 – Macroeconomic Theory and Economic Policy

This unit explores the economic objectives of the Australian Government and the actions and policies taken in the pursuit of these objectives. Changes in the level of economic activity influence the policy mix and the government's capacity to achieve its objectives.

#### Each unit includes:

- a unit description a short description of the focus of the unit
- unit content the content to be taught and learned.

### **Organisation of content**

The Economics ATAR course develops student learning through two content areas:

- Economic knowledge and understanding
- Economic skills.

## Representation of the general capabilities

The general capabilities encompass the knowledge, skills, behaviours and dispositions that will assist students to live and work successfully in the twenty-first century. Teachers may find opportunities to incorporate the capabilities into the teaching and learning program for the Economics ATAR course. The general capabilities are not assessed unless they are identified within the specified unit content.

#### Literacy

Students develop literacy capability as they research, read, interpret and analyse sources of information and data on the Australian economy. They use accurate and appropriate terminology to explain economic concepts, interpret and analyse economic information, construct reasoned arguments to form evidence-based conclusions and communicate economic information using a range of formats. Through these actions, students become competent and confident authors of economic information.

#### **Numeracy**

Students develop and apply numeracy knowledge and skills to analyse data and explain economic activity using a range of graphs and tables. They use models to illustrate economic relationships, including the effect of changes in a variable. Students draw conclusions and make predictions and forecasts, and apply this knowledge and these skills to real and/or hypothetical experiences.

#### Information and communication technology capability

Students develop information and communication technology (ICT) capability as they learn to use it effectively and appropriately to access, create and communicate information and ideas. Students develop the knowledge and skills to use digital technologies to locate and access economic information, to extract, interpret and analyse economic information, work collaboratively, and present findings. Students also investigate the impact of technological innovation on microeconomic and macroeconomic performance.

#### Critical and creative thinking

Students develop capability in critical and creative thinking as they learn to generate and evaluate knowledge, clarify concepts and ideas, seek possibilities, consider alternatives and solve problems by making economic decisions. They consider the cause and effect of these decisions and analyse their intended and unintended consequences.

#### Personal and social capability

Students develop personal and social capability as they learn to understand themselves and others, and manage their relationships, lives, work and learning more effectively. Students are encouraged to develop an understanding that economic reasoning can offer insight into many of the issues that society must deal with by considering how the needs of consumers, producers, government and society are affected by economic markets. Students predict how the decisions they make today can affect their future quality of life. They collaborate with others to collect and interpret data, they share and discuss ideas about problems, progress and innovative solutions, and listen to and respect the perspectives of others. Through these actions, students appreciate how economics influences their daily lives.

#### **Ethical understanding**

Students develop ethical understanding by developing an appreciation that market outcomes may conflict with social and ethical outcomes. Through economic inquiry, students acknowledge and reference the ideas of others. By studying this course, students develop responsible attitudes towards using limited resources in a productive, ethical and sustainable way, and explore their own rights and responsibilities as participants in the economy.

#### Intercultural understanding

Students develop intercultural understanding as they explore economic issues in local, national, and global contexts to expand their knowledge of diverse individuals, groups, and societies. Students respect and engage with different cultural views and customs, and consider different perspectives to enhance their own knowledge, understanding, and perspective. They investigate the effects of decisions made by sectors of the Australian economy, and by economies overseas, to highlight the interconnections between countries and cultures.

### Representation of the cross-curriculum priorities

The cross-curriculum priorities address the contemporary issues which students face in a globalised world. Teachers may find opportunities to incorporate the priorities into the teaching and learning program for the Economics ATAR course. The cross-curriculum priorities are not assessed unless they are identified within the specified unit content.

#### **Aboriginal and Torres Strait Islander histories and cultures**

Through the Economics ATAR course, students are provided with opportunities to learn about economic issues and events that influence Aboriginal and Torres Strait Islander Peoples. This priority can be addressed as students develop capabilities that enable them to independently construct informed responses to the range of economic issues involving Aboriginal and Torres Strait Islander Peoples. Students investigate how Aboriginal and Torres Strait Islander Peoples may be influenced by economic events, issues and policies. They analyse the impact of wealth and inequality on economic and social systems, and consider the ways and means of promoting economic and human development for Aboriginal and Torres Strait Islander Peoples.

#### Asia and Australia's engagement with Asia

Through the Economics ATAR course, students are provided with opportunities to explore the role that Australia plays in economic developments in the Asia region and the contribution of Asian economies to economic activity in Australia. This priority can be addressed through students studying the trade relationship between Australia and Asia, Australia's trade intensity with Asia and the interdependence that exists between Australia and Asian economies through investment, tourism and immigration.

#### Sustainability

Through the Economics ATAR course, students are provided with opportunities to learn about the interdependence of economic, social and ecological systems. This priority can be addressed through students assessing the impact of intended and unintended effects on individual markets and the broader economy, and evaluating the policy options available to make decisions to mitigate against these unintended effects. Students have the opportunity to explore the need for balancing economic development, environmental sustainability, and society's obligations to meet the needs and wants of the present generation without compromising future needs.

## Unit 3 - Australia and the global economy

## **Unit description**

This unit focuses on Australia's links with the global economy. It analyses the gains from free trade and the effects of trade protection using relevant economic models. It includes topics on the balance of payments, the terms of trade and foreign investment. Students are required to use recent economic data to describe and explain trends in Australia's economic transactions with the rest of the world.

#### **Unit content**

This unit includes the knowledge, understandings and skills described below. This is the examinable content.

#### **Economic knowledge and understanding**

#### Australia's international trade

- Australia's linkages between economies, including trade, investment, tourism and immigration
- the extent and importance of trade for the Australian economy
- the composition and direction of Australia's trade
- Australia's trade policy, including regional and bilateral free trade agreements

#### Free trade and protection

- the concepts of absolute and comparative advantage, including the sources of comparative advantage
- the gains from specialisation and trade using the demand and supply model, the Production Possibility Frontier (PPF) model and the concept of opportunity cost
- the benefits of trade liberalisation
- types of protection, including tariffs, subsidies, quotas
- arguments for protection
- the impact of tariffs and subsidies using the demand and supply model on trade, market efficiency and the macroeconomy

#### **Balance of payments**

- the concept and structure of Australia's balance of payments
- the double entry system of recording transactions
- the reasons for Australia's current account balance in terms of the factors influencing:
  - the trade balance
  - the income balance
- the current account balance and the savings/investment gap
- trends in Australia's current account and financial account over the last ten years

#### Terms of trade

- the concepts of the terms of trade and the terms of trade index
- factors that affect the terms of trade, including changes in commodity prices
- trends in Australia's terms of trade over the last ten years
- the effects of changes in Australia's terms of trade

#### **Exchange rates**

- the concept of an exchange rate, including Australia's exchange rate
- the concept of the trade weighted index
- the relationship between the balance of payments and the exchange rate
- the determination of, and movements in, the exchange rate using the demand and supply model
- the factors that affect the exchange rate
- effects of movements in the exchange rate
- trends in Australia's exchange rate over the last ten years

#### **Foreign investment**

- the concept of foreign investment in terms of Australia's foreign investment flows
- the distinction between foreign direct and portfolio investment
- the link between foreign investment and the current account balance
- trends in Australia's foreign investment flows over the last ten years
- the benefits and costs of foreign investment in Australia
- the concept of Australia's foreign assets, foreign liabilities and international investment position

#### **Economic skills**

- select and use appropriate terminology
- apply mathematical techniques relevant to international trade, including calculating:
  - Australia's trade intensity
  - opportunity cost ratios
  - balance of payments data, including balance on goods and services, income balance, current account balance
  - the terms of trade index
  - the exchange rate
- use microeconomic models to analyse and convey economic theory and reasoning in relation to Australia's international transactions, including:
  - the Production Possibility Frontier (PPF) model

- the demand and supply model
- the theories of absolute and comparative advantage
- use economic information and data to:
  - identify trends and relationships in Australia's international trade
  - analyse issues and events
  - make predictions on Australia's international trade
  - link economic theory to contemporary economic events and issues
  - justify a conclusion
- use a clear structure when communicating economic understandings, including:
  - using a relevant and accurate diagram/model
  - making reference to a diagram/model/data to support a written response
  - providing an explanation using an appropriate example
- apply problem-solving, critical thinking and decision-making strategies to predict an outcome
- recommend a range of policies designed to facilitate Australia's economic relationship with the rest of the world.

## **Unit 4 – Macroeconomic theory and economic policy**

### **Unit description**

This unit focuses on understanding the business cycle using the aggregate expenditure model and the aggregate demand-aggregate supply model. Students examine recent macroeconomic data to analyse the performance of the economy. This unit also explores how economic policies, including fiscal policy, monetary policy and policies that promote productivity, operate in the pursuit of the Australian Government's economic objectives. Students apply the language, theories and tools of economics to analyse the effectiveness of these policies.

#### **Unit content**

This unit includes the knowledge, understandings and skills described below. This is the examinable content.

#### **Economic knowledge and understanding**

#### Australia's macroeconomic performance and the business cycle

- the causes and turning points of the business cycle
- the relationship between the business cycle and economic indicators
- trends in Australia's macroeconomic performance over the last ten years

#### The aggregate expenditure model

- the factors affecting each of the components of Aggregate Expenditure (AE), i.e. AE=C+I+G+(X-M)
- the relationship between the consumption function, the marginal propensity to consume and the marginal propensity to save
- the Aggregate Expenditure (AE) model
- the concept of macroeconomic equilibrium, including the role of inventories
- · the concept of the multiplier
- the multiplier process using the Aggregate Expenditure (AE) model
- the impact of changes in the components of aggregate expenditure on the equilibrium level of income/output using the AE model

#### The aggregate demand and aggregate supply models

- the aggregate demand (AD) curve and factors that can cause movements along and shifts of the AD curve
- the short-run aggregate supply (SRAS) curve and factors that can cause movements along and shifts of the SRAS curve
- the long-run aggregate supply (LRAS) curve and factors that can cause shifts of the LRAS curve
- macroeconomic equilibrium using the AD/AS model

- the impact of changes in aggregate demand and aggregate supply on the equilibrium level of income/output using the AD/AS model
- the use of the AD/AS model to explain the business cycle

#### **Fiscal policy**

- the concept of fiscal policy
- the macroeconomic policy objectives of the Australian Government
- the different budget outcomes, i.e. balanced, surplus and deficit budgets
- reasons for differences between planned and actual budget outcomes
- methods of financing a budget deficit and the impact of government debt
- the distinction between automatic fiscal stabilisers and discretionary fiscal policy
- the impact of expansionary and contractionary fiscal policy stances on the level of economic activity using the AE and AD/AS model
- strengths and weaknesses of fiscal policy
- fiscal policy stances in Australia over the last three years

#### **Monetary policy**

- the concepts of monetary policy and the cash rate
- the economic policy objectives of the Reserve Bank of Australia (RBA)
- conventional and unconventional monetary policy
- circumstances under which the RBA may change the monetary policy stance
- how changes in the cash rate affects the level of economic activity, i.e. the transmission mechanism
- the impact of expansionary and contractionary monetary policy stances on the level of economic activity using the AE and AD/AS model
- strengths and weaknesses of monetary policy
- monetary policy stances in Australia over the last three years

#### Labour productivity

- the importance of long-run economic growth
- the concept of labour productivity
- the factors affecting labour productivity growth, including human capital, physical capital (capital deepening), technological progress
- government policies designed to influence labour productivity and the achievement of economic growth
- the impact of changes in labour productivity using the AD/AS model and the Aggregate Production Function (APF)

#### **Economic skills**

- select and use appropriate terminology
- apply mathematical techniques relevant to Australia's economic policy and management, including calculating:
  - the value of the marginal propensity to consume, the marginal propensity to save and the multiplier
  - the budget outcome
  - labour productivity
  - changes in economic indicators, such as the Consumer Price Index (CPI), Gross Domestic
     Product (GDP), labour force data, and a percentage rate of change
- use macroeconomic models to analyse and convey economic theory and reasoning in relation to Australia's economic policy and management, including:
  - the Aggregate Expenditure model
  - the Aggregate Demand/Aggregate Supply model (SRAS and LRAS)
  - the Aggregate Production Function (APF)
- select and/or use economic information and data to:
  - identify trends and relationships in relation to Australia's economic policy and management
  - analyse macroeconomic issues and events
  - make predictions on Australia's economic policy and management
  - link economic theory to contemporary macroeconomic events and issues
  - justify a conclusion
- select and use a clear structure when communicating economic understandings, including:
  - using a relevant and accurate diagram/model
  - making reference to a diagram/model/data to support a written response
- apply problem-solving, critical thinking and decision-making strategies to predict a macroeconomic outcome
- recommend a range of demand management policies and policies that promote productivity to achieve Australia's macroeconomic objectives and mitigate demand and supply shocks.

## **Assessment**

Assessment is an integral part of teaching and learning that at the senior secondary years:

- provides evidence of student achievement
- identifies opportunities for further learning
- connects to the standards described for the course
- contributes to the recognition of student achievement.

Assessment for learning (formative) and assessment of learning (summative) enable teachers to gather evidence to support students and make judgements about student achievement. These are not necessarily discrete approaches and may be used individually or together, and formally or informally.

Formative assessment involves a range of informal and formal assessment procedures used by teachers during the learning process in order to improve student achievement and to guide teaching and learning activities. It often involves qualitative feedback (rather than scores) for both students and teachers, which focuses on the details of specific knowledge and skills that are being learnt.

Summative assessment involves assessment procedures that aim to determine students' learning at a particular time, for example when reporting against the standards, after completion of a unit/s. These assessments should be limited in number and made clear to students through the assessment outline.

Appropriate assessment of student work in this course is underpinned by reference to the set of pre-determined course standards. These standards describe the level of achievement required to achieve each grade, from A to E. Teachers use these standards to determine how well a student has demonstrated their learning.

Where relevant, higher order cognitive skills (e.g. application, analysis, evaluation and synthesis) and the general capabilities should be included in the assessment of student achievement in this course. All assessment should be consistent with the requirements identified in the course assessment table.

Assessment should not generate workload and/or stress that, under fair and reasonable circumstances, would unduly diminish the performance of students.

#### School-based assessment

The Western Australian Certificate of Education (WACE) Manual contains essential information on principles, policies and procedures for school-based assessment that must be read in conjunction with this syllabus.

School-based assessment involves teachers gathering, describing and quantifying information about student achievement.

Teachers design school-based assessment tasks to meet the needs of students. As outlined in the *WACE Manual*, school-based assessment of student achievement in this course must be based on the Principles of Assessment:

- Assessment is an integral part of teaching and learning
- Assessment should be educative
- Assessment should be fair

- Assessment should be designed to meet its specific purpose/s
- Assessment should lead to informative reporting
- Assessment should lead to school-wide evaluation processes
- Assessment should provide significant data for improvement of teaching practices.

The table below provides details of the assessment types and their weighting for the Economics ATAR Year 12 syllabus.

Summative assessments in this course must:

- be limited in number to no more than eight tasks
- allow for the assessment of each assessment type at least once for each unit in the unit pair
- have a minimum value of 5 per cent of the total school assessment mark
- provide a representative sampling of the syllabus content.

Assessment tasks not administered under test or controlled conditions require appropriate authentication processes.

#### Assessment table - Year 12

Type of assessment	Weighting
Data interpretation/Short answer	
A short answer can require students to outline, describe, explain or analyse an economic concept, event, issue or trend.	
Typically, questions require students to interpret real or hypothetical economic data or information, such as graphs, tables or text. Typically, tasks are a combination of these formats.	30%
Formats can include multiple-choice questions, calculations and/or short answer questions that can require a definition, description, explanation or application of economic concepts, theories and/or models.	
For a full list of verbs, see the <i>Glossary of Key Words in the Formulation of Questions</i> on the course page.	
Extended answer	
The extended answer can require students to analyse, assess, describe, discuss, explain and or/ evaluate an economic concept, event or issue, and the application of economic theories and/or models.	
The question can include stimulus material.	30%
Formats can include: a sectionalised or non-sectionalised long answer, an investigation and/or a response to a scenario or a case study.	
For a full list of verbs, see the <i>Glossary of Key Words in the Formulation of Questions</i> on the course page.	
Examination	
Typically conducted at the end of each semester and/or unit and reflecting the examination design brief for this syllabus.	40%

Teachers must use the assessment table to develop an assessment outline for the pair of units.

The assessment outline must:

- include a set of assessment tasks
- include a general description of each task
- indicate the unit content to be assessed
- indicate a weighting for each task and each assessment type
- include the approximate timing of each task (for example, the week the task is conducted, or the issue and submission dates for an extended task).

## Reporting

Schools report student achievement, underpinned by a set of pre-determined standards, using the following grades:

Grade	Interpretation
Α	Excellent achievement
В	High achievement
С	Satisfactory achievement
D	Limited achievement
E	Very low achievement

The grade descriptions for the Economics ATAR Year 12 syllabus are provided in Appendix 1. They are used to support the allocation of a grade. They can also be accessed, together with annotated work samples, on the course page of the Authority website at <a href="https://www.scsa.wa.edu.au">www.scsa.wa.edu.au</a>.

To be assigned a grade, a student must have had the opportunity to complete the education program, including the assessment program (unless the school accepts that there are exceptional and justifiable circumstances).

Refer to the WACE Manual for further information about the use of a ranked list in the process of assigning grades.

The grade is determined by reference to the standard, not allocated on the basis of a pre-determined range of marks (cut-offs).

## **ATAR** course examination

All students enrolled in the Economics ATAR Year 12 course are required to sit the ATAR course examination. The examination is based on a representative sampling of the content for Unit 3 and Unit 4. Details of the ATAR course examination are prescribed in the examination design brief on the following page.

Refer to the WACE Manual for further information.

## Examination design brief - Year 12

#### Time allowed

Reading time before commencing work: ten minutes

Working time for paper: three hours

#### Permissible items

Standard items: pens (blue/black preferred), pencils (including coloured), sharpener, correction fluid/tape, eraser,

ruler, highlighters

Special items: up to three calculators, which do not have the capacity to create or store programs or text, are

permitted in this ATAR course examination.

#### **Additional information**

Questions require the candidate to focus on the Australian economy and can require reference to Australia's economic performance and policy over the last ten years. Questions can require the candidate to make reference to content from Unit 3 and/or Unit 4 in their response. The key words listed in the supporting information of the examination design brief are not an exhaustive list.

Section	Supporting information
Section One Multiple-choice 20% of the total examination 20 questions Suggested working time: 30 minutes	The questions are pitched at varying degrees of difficulty.
Section Two Data interpretation 50% of the total examination Four questions Suggested working time: 90 minutes	Each question is based on stimulus material which may include graphs, tables and/or text.  Each question has between three and six parts.  Questions can require the candidate to refer to and/or use the stimulus material to:  • perform calculations  • identify, outline, describe and/or account for trends  • identify, analyse, and/or explain relationships.  Questions can require the candidate to apply economic concepts, theories and/or models.

Section	Supporting information
Section Three	Each question is of equal value and in the form of an extended answer.
Extended answer	Questions can require the candidate to account for, assess, demonstrate,
Part A: Unit 3	describe, discuss, evaluate and/or explain.
15% of the total examination	Questions can require the candidate to apply economic concepts, theories
One question from a choice of two	and/or models.
Suggested working time: 30 minutes	The question may include stimulus material.
Part B: Unit 4	
15% of the total examination	
One question from a choice of two	
Suggested working time: 30 minutes	

## **Appendix 1 – Grade descriptions Year 12**

Identifies and explains interrelationships between economic concepts.

Performs accurate calculations and correctly interprets a range of economic data.

Α

Uses and applies a range of economic concepts, economic models and data to support responses, and is able to link theory to real-world situations.

Communicates in a coherent manner, incorporating a clear structure, appropriate economic terminology, diagrams and data.

Explains economic concepts and identifies some relationships between economic concepts.

Performs some accurate calculations and correctly interprets some economic data.

Uses and applies some economic concepts, economic models and data to support responses, and is able to link theory to familiar examples.

Communicates in a logical manner using a clear structure, some appropriate economic terminology, diagrams and data.

Describes economic concepts and makes simple links between economic concepts.

Performs simple calculations and finds straightforward information in economic data.

Uses some economic concepts, economic models and data in an attempt to support responses, and is able to link some theory to familiar examples.

Communicates in a general manner, incorporating a simple structure, some economic terminology, diagrams and data.

Provides simple, sometimes incomplete, descriptions of economic concepts.

Performs simple calculations, with limited accuracy.

Uses limited economic concepts, economic models and data in responses.

Communicates in a superficial manner, using limited economic terminology, diagrams and data.

Does not meet the requirements of a D grade and/or has completed insufficient assessment tasks to be assigned a higher grade.

\* These grade descriptions will be reviewed at the end of the second year of implementation of this syllabus.