Assignment Project Fxam Help Indicators

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Class Outline

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- A Tour of the World
- How do twee examine key questions in macroeconomics?
- Output, Unemployment and Inflation
- The Short-Run, Medium Run and Long Run Add WeChat powcoder
- Readings: Blanchard and Sheen Chapters 1 and 2

About me

Assignment Project Exam Help

- My research area is macroeconomics with a particular focus on monthly pois and pyother coefficients m
- Email: michaela.haderer@sydney.edu.au
- Consultation Hot View of State 12pm via Zoom Link on Canvas page Add Welchart powcoder

General information about this unit

S Objective: Develop a Imcoin depth analysis of two key aspects elp

- Prerequisite: ECON1002
- Struttet peside power of etricom
- Ed (via canvas): For discussions and clarifications
- Recogning del Taxboek Chat powcoder
 Blanchard. (2020). Macroeconomics Pearson Education OR

 - ▶ Blanchard, Sheen, J. (2013). Macroeconomics. Pearson Education Australia.

Assessments

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- Final exam (Open book) 50% (Formal exam period)
- Quizhttps://powcoder.com
 - Quiz 1 due: Aug 21st 6pm Sydney time
 - Quiz 2 due: Sept 4th 6pm Sydney time
- Aizdre: We pm Fydnet tipowcoder

 Tutorial Participation 5%

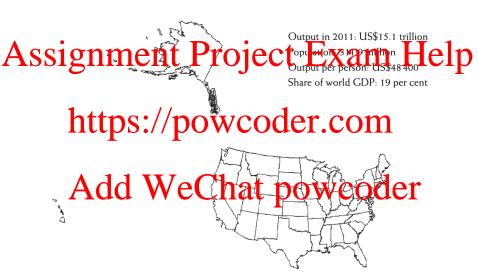
A Tour around the World

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The United States



Australia

Output in 2011: A\$1.44 trillion (US\$1.48 trillion) Spelar Project Exam Help US\$65 500 using exchange rate US\$40 200 using PPP Share of world GDP: 1.2 per cent https://powcoder.com Add WeChat poweoder

The Euro Area



	Output: (US\$ tr)	Population: (millions)	Output per person (PPP)	
France	2.8	63.1	35 100	
Germany	3.6	81.8	38 100	
Italy	2.2	60.6	30 500	
Spain	1.5	46.1	30 600	

China

Assignment Project Exam Help https://powcoder.com Chat powcoder/ Output per person (PPP): US\$8386 Share of world GDP: 9.2 per cent

The Crisis

• The global expansion from 2000–07 ended with the financial crisis that began in 2008.

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• It exposed serious housing finance weaknesses in the US, creating a crisis of mail banks how was refuged. Com

Table 1.1 World output growth	since 2000				-	1
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World	3.2	1.5	-2.3	5.1	3.8	3.3
Advanced economies	2.6	0.1	-3.7	3.0	1.6	1.3
Emerging and developing economies	6.5	6.0	2.8	7.4	6.2	5.3

Output growth: annual rate of growth of GDP. *The numbers for 2012 are forecasts, as of the fall of 2011.

SOURCE: World Economic Outlook database, October 2012. © International Monetary Fund.

Stock Market Prices Fell, Everywhere

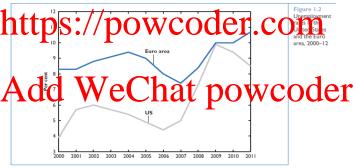


SOURCES: Haver Analytics—USA (STITACD), Eurogroup (S023ACD), All emerging markets (S200ACD); Yahoo Finance—Australia (ASX S&P200), all monthly averages.

Negative Growth and Rising Unemployment

 In fear of a major recession/depression, consumption and investment fell, reducing output growth, which turned negative in many countries

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SOURCE: RBA Bulletin, Table 13. © Reserve Bank of Australia, 2001-10. All rights reserved.

How do we examine key questions in macroeconomics?

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- Develop a model
- Het the production of production of the control o
- But what is a model?
 - Models simplify the complicated real world into its most relevant we character powcoder
 - A model is useful if it has good predictive power
 - Economic models often involve systems of multiple equations

An Economic Model in a Nutshell

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- Endogenous Variables: Changed or determined by its relationship with other variables within the model
- Exogenous Variables: Independent and determined outside the model

An Economic Model in a Nutshell

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- The model outcome and predictions depend on the model design
- · No https://powcoder.com
- Assumptions matter!

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Key Macroeconomic Variables

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Three key measures of macroeconomic analysis:

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- Unemployment rate
- · Inflation rated WeChat powcoder

Aggregate Output

As National income and profinct accounts are Examine stimulied by the of aggregate economic activity Examines and profinct accounts are the examine of the profinct accounts are the economic activity in the examine of the examine of

- The measure of aggregate output in the national income accounts is grost domestic product, or GDP coder.com
- Three ways of measuring GDP:
 - 1. GDP is the value of the final goods and services produced in the service produced in the period powcoder
 - 2. GDP is the sum of value added in the economy during a given period
 - 3. GDP is the sum of incomes in the economy during a given period

Measuring GDP

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When using the income approach to measure GDP, the largest share of GDP generally consists of

- a Labour Acade WeChat powcoder
 b Capital income
- c Interest income
- d Indirect taxes
- e Firms' profits

Nominal and Real GDP

Assignment Project Exams Help times their current price

- Nominal GDP increases over time because:
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 The production of most goods increases over time.
 - 2. The prices of most goods also increase over time.
- Real ACF Scon Vide as health pho Wall Gethin goods times constant (rather than current) prices

Nominal and Real Variables

Assignment Project Exam Help monetary values.

Real Variables: Real variables are adjusted for inflation and show prices wages at constant prices.

⇒ Nominal amounts might not be as useful for economic analysis since the control increase the plant people by more this goods and services — more cars, steaks, and haircuts — or when prices rise.

Growth Basics

• The growth rate:

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• Can be rewritten as:

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Iterating

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or

$$g=\left(\frac{y_t}{y_0}\right)^{\frac{1}{t}}-1$$

GDP: Level versus Growth

Assignment Project Exam Help Become mists focus on the rate of growth of real GDP, on GDP growth:

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- Periods of positive GDP growth are called boom or expansions
- · Period chart cheres coders sion

The Unemployment Rate

• **Employment** (E) is the number of people who have a job

Assignment (U) is the number of people who do not have a job Project Exam Help

• The **labour force** (L) is the sum of employment and unemployment:

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• The **unemployment rate** (u) is the ratio of the number of people who are unemployed to the number of people in the labour force:

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- Economists care about unemployment for two reasons:
 - 1. Unemployment has important social consequences.
 - 2. The unemployment rate gives them an indication of whether an economy is operating above or below its normal level of activity

The Unemployment Rate

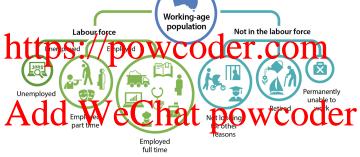
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- Those not working and not looking for work are not in the labour force
- Peoplet psions vp QW Cooler was as discouraged workers
- Participation rate: WeChat powcoder

 Participation rate: working age population

The Labour Force

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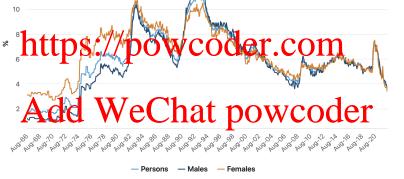


Source: RBA, n.d.

The Unemployment Rate in Australia

Chart 1 - Unemployment rate, Australia, August 1966 to June 2022, Seasonally adjusted

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February 1978 to June 2022 estimated monthly, before February 1978 estimated quarterly

Source: ABS, 2022

The Inflation Rate

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- The inflation rate is the rate at which the price level increases
- Definition rate

 Definition rate
- Economists care about inflation for at least two reasons:
 - 1. Affects elaw peet (e.f. the real go Whothus in the distribution.
 - It creates other distortions: changes in relative prices create uncertainty and affect decision making

The GDP Deflator

• The **GDP** deflator in year t, P_t , is defined as the ratio of nominal GDP to real GDP in year t:

Assignment $P_t = \frac{P_t}{r_{\text{real GDP}}} = \frac{F_t x}{Y_t}$ Help

- The GDP deflator is what is called an index number set equal to 100 in the passe year POWCOGET.COM
- The rate of change in the GDP deflator equals the rate of Inflation:

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• Nominal GDP is equal to the GDP deflator times real GDP:

$$Y_t = P_t Y_t$$

The Consumer Price Index

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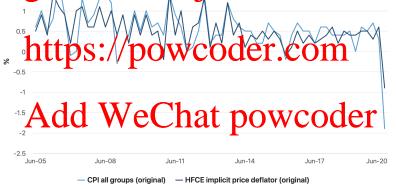
- measure of the average change over time in the prices paid by households for a fixed basket of goods and services
- CPI httepspy/armauwcodent.lesomimitations:
 - 1. CPI is not an indicator of the price level
 - 2. Quality changes not always included
 - 3. Addicts We Edihatupowcoder
 - 4. Not adjusted for changes in household spending patterns (substitution bias)

The Consumer Price Index

- The GDP deflator measures the average price of output, while the Score the exemption, or equivalently, the cost of living
 - The two prices need not to be the same the set of goods produced in the economy is not the same as the set of goods purchased by constiners, the two reasons: WCOCCT.COM
 - 1. Some of the goods in GDP are sold not to consumers but to firms (machine tools, for example), to the government or to foreigners
 - 2. Somethe glods to light by atsum for WoGOGET domestically, but are imported from abroad
 - However, the CPI and the GDP deflator move together most of the time.

Consumer Price Index and the GDP Deflator in Australia (quarter-on-quarter growth)

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Source: ABS, 2022

Inflation targeting in Australia

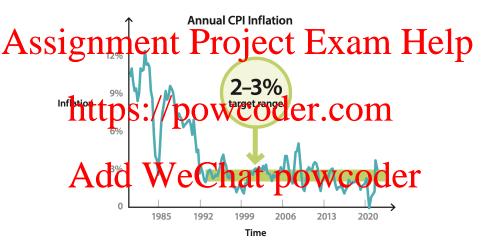
- Target an inflation rate of 2–3 per cent, on average, over time.
- The inflation target is defined as a medium-term average rather than ASSIGNMENT TO THE TOTAL ASSIGNMENT HELP

CPI, Trimmed mean and Weighted median, Annual movement (%)



Source: ABS, 2022

Inflation targeting in Australia



Source: RBA, n.d.

Recent Inflation Shock

- The Consumer Price Index (CPI) rose 1.8% in the 2022-Q2 quarter (quarter-on-quarter growth)
- Over the twelve months of the June 2022 quarter, the CPI fole 6.1% The most significant price rises were New dwelling purchase by owner-occupiers (+5.6%), Automotive fuel (+4.2%), and Furniture (+7.0%).

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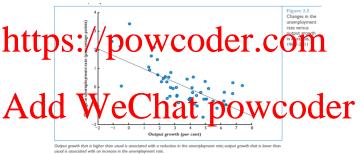
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Source: ABS, 2022

Okun's Law

 Intuition suggests that if output growth is high, unemployment will decrease, and this is indeed true

As singular temployment rate



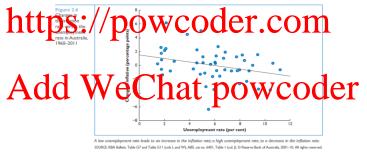
• Slope: $-0.36 \Rightarrow$ This implies that, on average, an increase in the growth rate of 1 per cent decreases the unemployment rate by roughly -0.36 per cent

Phillips Curve

 Intuition suggests that, when unemployment becomes very low, the economy is likely to overheat, and that this will lead to upward

Assignment Project Exam Help Phillips Curve: The change in the inflation rate is negatively related

 Phillips Curve: The change in the inflation rate is negatively related to the unemployment rate



• The line is downward sloping (slope: −0.26), although the fit is not as tight as it was for Okun's law

The Short Run, Medium Run and Long Run

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- Demand in the **short run**, say, up to a few years
- The https://pewptode.in the medium run, say, up to a decade or so
- Factors such as education, research, saving, and the quality of government of the MnE num, By all happens to the CT

Outlook

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- Next week:
 - https://powcoder.com
 - Money Market
- This will help us to develop a mathematical representation of Keynesian Leonomics: The 13 LM model W COURT