

Macroeconomics and the Global Economy Syllabus

Textbook: Macroeconomics by Paul Krugman and Robin Wells

Day	Session	Topics	Related Activities
1	Morning	Orientation <ul style="list-style-type: none"> • Introduction • Honor Code • Class Rules and Expectations • Pre-Assessment 	<ul style="list-style-type: none"> • Getting to know Game • Learning Style Survey • Signing Documents • Pre-Assessment •
	Afternoon	<ul style="list-style-type: none"> • Math Review (Appendix-Chapter 2 p 49) Review on the concepts and calculations on nonlinear slopes • Arc and Tangent Methods (if needed-Chapter 2 Appendix • Introduction/Overview of Macroeconomics • Discussions on the 1st five principles of Economics • Practice Problems pp 20-22, 59-69 • Difficult Choice Activity- p 8 IRM 	<ul style="list-style-type: none"> • Discussions • Group Activity on the slopes of Nonlinear Curves • Defining Macroeconomics and its Key Principles • Exit Ticket • Reflections
	Evening	<ul style="list-style-type: none"> • Economic Models: Trade-offs and Trade • Casual Relationships-p 23 IRM 	<ul style="list-style-type: none"> • Study Hall, Chapters 2 &3 • Questions/problems p 39 # 1, p 43 #1, p 44 #1 and p 94 #'s 1, 2, and 3 • Day 1 Reflections
2	Morning	<ul style="list-style-type: none"> • Economic Models: Trade-Offs and Trade Trade Offs: The production Possibility Frontier -Efficiency -Opportunity Cost 	<ul style="list-style-type: none"> • Quick Review on the previous day discussions and materials • Review on Day 1 reflections

		<p>Opportunity Cost=Total Revenue-Economic Profit</p> <p>-Economic Growth</p> <p>-Transactions: The Circular Flow Diagram</p> <ul style="list-style-type: none"> • Supply and Demand <p>-A Model of a Competitive market</p> <p>-The Demand Schedule and Demand Curve</p> <ul style="list-style-type: none"> • Giant Living Supply and Demand Activity 	<ul style="list-style-type: none"> • Difficult Choices Activity-p 8 Instructor's Resource Manual (IRM) • Supply and Demand Bingo • Quiz on the Opportunity Cost
	Afternoon	<ul style="list-style-type: none"> • Shifts of the Demand Curve • Opportunity Cost • Understanding Shifts of the Demand Curve • PPF Analysis • Supply, Demand and Equilibrium • Questions for thought 	<ul style="list-style-type: none"> • Activity on PPF Production of Paper Airplane Coasters • Would you switch? Would you eat PB with no J?
	Evening	<ul style="list-style-type: none"> • Analysis on the comparative Advantage and Gains from Trade • Practice problems selected from pg 90-92, 113-116 • Global Comparison (GC) • A Ticket Shortage-pg 41 IRM 	<ul style="list-style-type: none"> • Drawing a Demand Curve – p38 • Active Readings on (Chapters 3) • Day 2 Reflections
3	Morning	<ul style="list-style-type: none"> • Economic Models • Trade Offs • Complements & Substitutes • Circular Flow of Economic Activity • Price Ceilings/Price Floors (Quotas, Licenses) • Discuss Sugar Quota Problem – Pg 39 IRM 	<ul style="list-style-type: none"> • Simple review the previous days material • Day 2 reflections review • Giant Living Supply & Demand Activity • Buying & Selling Turquoise Simulation – pg 39 IRM (Chapters 3) • Talk and Turn activities • Round Table Discussions
	Afternoon	<ul style="list-style-type: none"> • Comparative vs. absolute advantage Sources of CA 	<ul style="list-style-type: none"> • Discussions and Group Activities

		<ul style="list-style-type: none"> • Introduce two-panel diagram analysis • Global Comparison (GC): • Pay More, Pump Less • S&D autarky vs. trade 	<ul style="list-style-type: none"> • Drawing a Demand Curve pg 38 IRM • A Ticket Shortage – pg 41 IRM
	Evening	<ul style="list-style-type: none"> • Economics in Action -Rich Nation, Poor Nation – p 39 • Questions for Thought 	<ul style="list-style-type: none"> • Active Reading on Chapters 4 and 5 for group presentations • Day 3 Reflections
4	Morning	<ul style="list-style-type: none"> • International Trade • Comparative v. absolute advantage • CA Simulation Revisited • Sources of CA Phase 2 • Autarky v. Trade (shows there are gains from trade) • S&D autarky v. trade • Introduce two-panel diagram analysis (Chapter 5) Afternoon International 	<ul style="list-style-type: none"> • Simple Recall on the previous day materials • Day 3 Reflections review • Active Group Presentations <ul style="list-style-type: none"> -Presenters -Audience -Q & A between presenters and Audience
	Afternoon	<ul style="list-style-type: none"> • International Trade • World price Phase 3 • Import Quotas • Tariffs • Quotas 	<ul style="list-style-type: none"> • Active Group Presentations <ul style="list-style-type: none"> -Presenters -Audience -Q & A between presenters and Audience • Audience • CA Simulation Revisited • Pick a Trade Dispute – pg 66 IRM • Two-panel analysis of tariffs/quotas (Chapter 5)
	Evening	<ul style="list-style-type: none"> • *Practice problems selected from pg 143-146 • For Inquiring Minds (FIM) • Increasing Returns and International Trade • FIM – Chinese Pants Explosion 	<ul style="list-style-type: none"> • Questions for Thought • Day 4 Reflections

			<ul style="list-style-type: none"> • (Students' notetaking strategies-Instructor check's students' notetaking skills)
5	Morning	<ul style="list-style-type: none"> • Macroeconomics: The Big Picture (Chapter 6) • The Nature of Macroeconomics • Expanded circular flow with Foreign Markets • Theory and Policy • Inflation and Deflation and Its Causes • Long-Run Economic Growth • Fending Off Depression • Comparing Recessions • The Pain of Inflation and Deflation 	<ul style="list-style-type: none"> • Simple Recall on topics discussed on the previous day • Review on Day 4 Reflections • Recommendations on Notetaking skills (Cornell Note-taking system) • Turn and Talk Activity • Round table Discussions
	Afternoon	<ul style="list-style-type: none"> • International Imbalances • Business Cycle • The Business Cycle and the Decline of the Montgomery Ward • Charting Business Cycle • International Imbalances 	<ul style="list-style-type: none"> • Review on what discussed in the morning session • Class circular-flow revisited: Open Economy • What's In, What's Out? p 85 IRM • Questions for Thought • GDP Calculation practice
	Sunday Evening	<ul style="list-style-type: none"> • Computer Lab • Research on topics unemployment rates, factors that contributes unemployment growth and status quo of macroeconomics in supply and demand 	<ul style="list-style-type: none"> • Research on the following topics: <ul style="list-style-type: none"> -Status quo of macroeconomics in supply and demand -Unemployment rates in various states -Factors that contribute the most to economic growth?
6	Morning	<ul style="list-style-type: none"> • GDP and the CPI: Tracking the Macroeconomy (Chapter 7) • GDP Calculations (real exports) real and nominal 	<ul style="list-style-type: none"> • Follow ups/Questions related to their research

		<ul style="list-style-type: none"> • GDP, CPI, PPI, Deflator, and Inflation rate calculations • Inflation and Interest Rates: shoe-leather costs, menu cost, nominal and real interest rates • Unemployment and Inflation (Chapter 8) <ul style="list-style-type: none"> -Types -Causes -Natural Rate 	<ul style="list-style-type: none"> • Simple recall on the previous topics discussed • Day 5 Reflections Review • Who made a higher starting salary • CPI watching Christmas Price Index • Creating Price Index Activity • Group Discussions and Analysis • How often a business owner go to the bank? • How often a restaurant owner changes their menu prices? • Who counts when the BLS counts number of unemployed? • Name that Unemployment p95 IRM • GC-Unemployment Around the OECD
	Afternoon	<ul style="list-style-type: none"> • Long-Run Economic Growth (Chapter 9) <ul style="list-style-type: none"> Productivity Real GDP/Capita Growth Rates Rule of 70 (or 72) • Factors of Long-Run Growth • Aggregate Production Function • Economic Growth and Sustainability • Raising the Bar(code) 	<ul style="list-style-type: none"> • Discussions • EIA Group Case Studies-p 107-108 IRM • Long-Run Economic Growth and Natural Resources-p 109 IRM • **Economic Advice, Please check p 110 IRM • Practice Problems pp. 266-266
	Evening	<ul style="list-style-type: none"> • Introduction of Country Analysis Project 	<ul style="list-style-type: none"> • Questions for Thought

			<ul style="list-style-type: none"> • Discovering Data Questions #'s 11 and 15 • Project on the Long-Run Economic Growth prediction of their Country's Choice based on the factors and its indicators of Long-Run Economic Growth
7	Morning	<ul style="list-style-type: none"> • Savings, Investment Spending, and Financial System (Chapter 10) • The Saving-Investment Spending Identity • Loanable Funds Market Supply and Demand • Tasks of Financial System • Types of Financial Assets • Role of Financial Intermediaries • Financial Fluctuations • Asset Prices and Macroeconomics • The Great American Bubble 	<ul style="list-style-type: none"> • Q & A on the Country Analysis Project • Simple recall on the previous topics discussed • Day 6 Reflections Review • Match the Saver with the Investor Banking Simulation (Showing the Importance of financial Intermediaries) • EIA-Banks & The South Korean Miracle – pg 121 IRM
	Afternoon	<ul style="list-style-type: none"> • Income and Expenditures (Chapter 11) • Marginal propensity to consume/save • The multiplier-Infinite Series • Individual consumption function • 	<ul style="list-style-type: none"> • Spending Round by Round – pg 134 IRM • What's your consumption Function? (Students' personal consumption)
	Evening	<ul style="list-style-type: none"> • Practice problems pp. 340-341 • GC-America's Low Savings • EIA- The Multiplier and the Great Depression pg. 133 IRM • 	<ul style="list-style-type: none"> • Group country Analysis Project: Basic key indicators for the country (current and past GDP, unemployment rate, inflation rate, exchange rate, consumption/saving rate)

8	Morning	<ul style="list-style-type: none"> Aggregate Demand and Aggregate Supply (Chapter 12) Inventories Aggregate Demand Curve and the Income-Expenditure Model Aggregate Supply Investment Spending (Planned and unplanned) <p>Chapter 11 and Appendix</p>	<ul style="list-style-type: none"> Simple recall on the previous topics discussed Day 7 Reflections Review Discussions Inventories and the End of Recession-pg 133 IRM
	Afternoon	<ul style="list-style-type: none"> Planned aggregate spending (Keynesian Cross) Shift of PAE with changes to consumption and investment 	<ul style="list-style-type: none"> Working with the Aggregate Consumption Function-pg 134 IRM Graphing Analysis
	Evening	<ul style="list-style-type: none"> Toyota Makes Its Move Practice Problems pp 377-379 	<ul style="list-style-type: none"> Questions for Thought Research Paper Topics Selections
9	Morning	<ul style="list-style-type: none"> The AD-AS Model Shifts of Aggregate Demand: Short-Run Effects The Curves (AD, SRAS, LRAS) Macroeconomic Policy 	<ul style="list-style-type: none"> Simple recall on the previous topics discussed Day 8 Reflections Review Discussions Class AD Simulation (Each student will represent a Short-Run planned Aggregate Expenditure Equilibrium point and are challenged to aggregate and build the AD Curve
	Afternoon	<ul style="list-style-type: none"> AD/AS Model Continued Shifts and Shifters (Shocks) Practice on Supply Shocks vs Demand Shocks in Practice Stabilization Policy Introduction 	<ul style="list-style-type: none"> AD/SRAS/LRAS Bingo EIA-Supply Shocks vs. Demands Shocks in Practice pg 150 IRM EIA-Is Stabilization Policy Stabilizing? -pg 150 IRM

			•
	Evening	<ul style="list-style-type: none"> • Practice Problems selected from pp 377-379 • Research Paper (Continuation) 	<ul style="list-style-type: none"> • AD/SRAS/LRAS Bingo (with Student Callers)
10	Morning	<ul style="list-style-type: none"> • Fiscal Policy (Chapter 13) • Expansionary/Contractionary fiscal policy • Tax multiplier • Taxes vs. transfers vs. Government Spending 	<ul style="list-style-type: none"> • Simple recall on the previous topics discussed • Day 9 Reflections Review • Class Discussions • What's the best fiscal year> Discussions/Debate • EIA-Expansion Fiscal Policy in Action in Japan- pg 162 IRM
	Afternoon	<ul style="list-style-type: none"> • Balancing the Federal Budget • Government Debt and Interest Payments • Fiscal Policy and the Multiplier • Austerity and the Multiplier • The Budget Balance • Implicit Liabilities 	<ul style="list-style-type: none"> • To Balance or not to Balance Activity-pg 166 IRM • Here comes the Sun • Practice Problems pp407-410
11	Morning	<ul style="list-style-type: none"> • Money, Banking, & the Federal Reserve System (Chapter 14) • Money and Its Roles • Banks and T-Accounts • Reserve Ratio • Determining the Money Supply • The Money Multiplier 	<ul style="list-style-type: none"> • Simple recall on the previous topics discussed • Day 10 Reflections Review • Class Discussions • GC-The Big Moneys • "Bad Banks" Activity/T-Account Practice (This American Life) • Be a Bank's Accountant-pg 178 IRM
	Afternoon	<ul style="list-style-type: none"> • Central Banks-The Federal • Open-market Operations • The Financial Crisis of 2008 	<ul style="list-style-type: none"> • Federal 101 • Fed Open-market Committee Activity

	Evening	<ul style="list-style-type: none"> • Perfect Gift: Cash or a Gift Card? • Research Paper (Continuation) 	<ul style="list-style-type: none"> • Questions for thought • Day 11 Reflections • Practice Problems pp 444-445
12	Morning	<ul style="list-style-type: none"> • Monetary Policy (Chapter 15) • Demand for Money Curve • Shifts and Shifters • Money Supply Curve • Shifts • Reconciling the Two Models of Interest Rates 	<ul style="list-style-type: none"> • Simple recall on the previous topics discussed • Day 10 Reflections Review • Class Discussions • Fed Open-Market Committee Activity revisited with Graphs Pg. 189 IRM
	Afternoon	<ul style="list-style-type: none"> • Interest Rate in the Short/Long Run • Expansion/Contractionary Monetary Policy • Money S&D/PAE/AD/AS Chain reaction • Inflation/Interest Rate Targets 	<ul style="list-style-type: none"> • EIA – A Yen for Cash- Pg-188 IRM • EIA-The Fed Reserves Course- Pg 188 IRM
	Evening	<ul style="list-style-type: none"> • Practice Problems pp 436-438 • Research Activities 	<ul style="list-style-type: none"> • Questions for Thought • Day 11 Reflections • EIA-International Evidence of Monetary Neutrality-pg 188 IRM
13	Morning	<ul style="list-style-type: none"> • International Macroeconomics (Chapter 18) • Open Economy Macroeconomics • Capital Flows and balance of payments • Loanable Funds in 2 Countries 	<ul style="list-style-type: none"> • Simple recall on the previous topics discussed • Day 10 Reflections Review • Class Discussions • Research Paper Finalization
	Afternoon	<ul style="list-style-type: none"> • Exchange Rates-Appreciation-app/depreciation • The Foreign Exchange Market S & D • Purchasing Power of Parity • Exchange Rate Policy • Exchange Rates and Macroeconomic Policy • The Little Currency that Could 	<ul style="list-style-type: none"> • To Fix or To Float? Activity • EIA-Low Cost America-pg 218 IRM • EIA-China Pegs the Yuan-pg 552 IRM

	Evening	<ul style="list-style-type: none"> • A Yen for Japanese Cars • Practice Problems 559-561 	<ul style="list-style-type: none"> • Questions for Thought • Day 12 Reflections • Research Presentations
14	Morning	<ul style="list-style-type: none"> • Synopsis and Review 	<ul style="list-style-type: none"> • Simple recall on the previous topics discussed • Day 13 Reflections Review • Class Discussions
	Afternoon	<ul style="list-style-type: none"> • Research Presentations • Post Assessments 	<ul style="list-style-type: none"> • Group Presentations • Debate
15	Morning	<ul style="list-style-type: none"> • Final Presentations • Final Thoughts • Certificates and Goodbyes 	