

MICROECONOMICS



OVERVIEW

- ECONOMICS:** The study of how scarce resources are allocated among competing uses.
- KEY ECONOMIC QUESTIONS INCLUDE:**
 1. What is produced?
 2. How is it produced?
 3. Who gets what is produced?
- PRODUCTION POSSIBILITY FRONTIER:** The alternative combinations of final goods and services that could be produced in a given time period with all available and limited resources and technology.
 1. **Illustrates opportunity cost:** Obtaining more production of one good requires a reduction in the production (lost opportunity) of one or more other goods.
 2. **Law of increasing opportunity cost:** Obtaining more of a good in equal amounts requires giving up ever larger amounts of the alternative good.
 3. **Inside frontier:** Unemployed resources or resources used inefficiently.
 4. **Expanding frontier:** Occurs (a) when resources are increased and/or (b) due to technological advancements.
- HOW CHOICES ARE MADE:**
 1. **Market mechanism:** Supply and demand determine the price; owners allocate resources to obtain the highest monetary rewards.
 2. **Command economy:** Central authority determines the price and allocates resources to achieve goals.
 3. **Mixed:** An economy that uses both market and non-market signals to allocate goods and resources.
- MACROECONOMICS:** The study of economic aggregates such as national production and the price level.
- MICROECONOMICS:** The study of the behavior of consumers and producers operating in the individual markets of the economy.

SUPPLY & DEMAND

DEMAND

- DEMAND CURVE (SCHEDULE):** A curve (table) showing the quantities of a good a consumer is willing and able to buy at alternative prices.
- LAW OF DEMAND:** Increase in price (P) causes decrease in quantity (Q) demanded.
- CHANGE IN QUANTITY DEMANDED** (Movement along the demand curve): Caused by a change in the price of the given good.
- CHANGE IN DEMAND** (Shift in the entire demand curve): Results from changes in tastes, income, personal tastes, prices of related goods (substitutes or complements), expected future price or quantity, number of buyers, or a change in planned consumption at all prices.

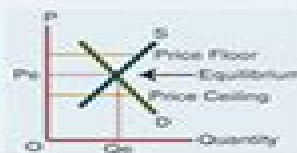
SUPPLY

- SUPPLY CURVE (SCHEDULE):** A curve (table) showing the quantities of a good a seller is willing and able to sell at alternative prices at a given cost of production.
- LAW OF SUPPLY:** Increase in price (P) causes increase in quantity (Q) supplied.
- CHANGE IN QUANTITY SUPPLIED** (Movement along the supply curve): Caused by a change in the price of the given good.

- CHANGE IN SUPPLY** (Shift in the entire supply curve): Results from change in the cost of production, business taxes, expected future price or quantity, change in the price of other produced goods, change in the number of sellers, change in planned sales at all prices, and change in technology.

MARKET EQUILIBRIUM

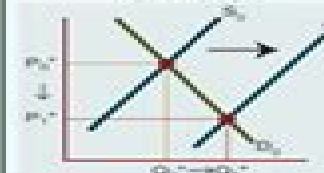
- EQUILIBRIUM:** Occurs at price (P_e) where quantity demanded = quantity supplied. At P_e, all sellers willing to sell will be able to sell and all buyers willing to buy will be able to buy.
- PROPERTIES OF EQUILIBRIUM:**
 1. P > P_e, surplus
 2. P < P_e, shortage
 3. P = P_e, stable
- PRICE CONTROLS:**
 1. Price ceiling: BELOW equilibrium = shortage, Q_D > Q_S
 2. Price floor: ABOVE equilibrium = surplus, Q_S > Q_D
- CHANGES IN EQUILIBRIUM:** Equilibrium price (P_e) and equilibrium quantity (Q_e) will change whenever the regularly-shaped supply or demand curve shifts.



SHIFTS IN THE SUPPLY & DEMAND CURVES (IMPACT ON EQUILIBRIUM)

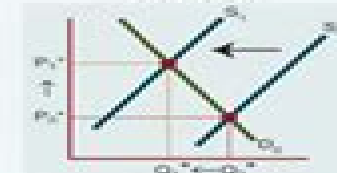
SUPPLY INCREASE

$$S_1 \rightarrow P^*, Q^* \rightarrow S_2$$



SUPPLY DECREASE

$$S_1 \rightarrow P^*, Q^* \leftarrow S_2$$



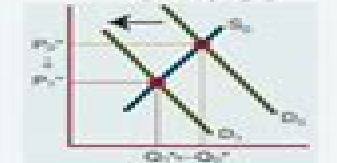
DEMAND INCREASE

$$D_1 \rightarrow P^*, Q^* \rightarrow D_2$$

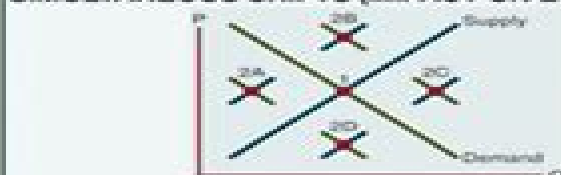


DEMAND DECREASE

$$D_1 \rightarrow P^*, Q^* \leftarrow D_2$$



SIMULTANEOUS SHIFTS (IMPACT ON EQUILIBRIUM)



* One variable clearly moves in a specific direction, the other variable is unclear.

At 2B and 2D, P* clearly increases or decreases, therefore

$$2B \rightarrow S_2 D_1 \rightarrow P^* Q^*$$

$$2D \rightarrow S_2 D_1 \rightarrow P^* Q^*$$

At 2A and 2C, Q* clearly increases or decreases, therefore

$$2A \rightarrow S_2 D_1 \rightarrow P^* Q^*$$

$$2C \rightarrow S_2 D_1 \rightarrow P^* Q^*$$

CONSUMER CHOICE & PREFERENCE

UTILITY THEORY

- UTILITY or TOTAL UTILITY (TU)** is the satisfaction obtained by the consumer from consuming a good.
- MARGINAL UTILITY (MU)** is the extra utility from an additional unit of consumption.

TOTAL UTILITY



- Marginal utility (MU)** is the slope of the total utility curve. MU decreases as more quantity is consumed. This is the law of diminishing MU.
- LAW OF DIMINISHING MARGINAL UTILITY:** Additional consumer satisfaction from the last unit of consumption falls as more of the good is consumed.

INDIFFERENCE CURVE (IC)



- An indifference curve is a convex curve that represents different bundles of goods that provide the SAME levels of utility.

INDIFFERENCE CURVE MAPPING



- An indifference curve map shows a group of indifference curves representing utilities that increase in a northeasterly direction.
- Why indifference curves do not intersect:



1. Given two indifference curves that intersect, $U_B > U_C$ since point B is above point C.
2. Since point A and C are on the same indifference curve, $U_A = U_C$.
3. Since point A and B are on the same indifference curve, $U_A = U_B$.
4. By transitivity, $U_B = U_C$ which conflicts with the initial assertion: $U_B > U_C$. Therefore, indifference curves cannot intersect.

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MCCONNELL



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Study Guide for Microeconomics William Walstad, 2011-01-26 This study guide should help you read and understand the McConnell Bruce and Flynn textbook Microeconomics 19th edition Page ix **Microeconomics** Campbell R. McConnell, Stanley L. Brue, 1990 McConnell and Brue's Microeconomics Principles Problems and Policies is the leading Principles of Economics textbook because it is innovative and teaches students in a clear unbiased way The 17th Edition builds upon the tradition of leadership by sticking to 3 main goals help the beginning student master the principles essential for understanding the economizing problem specific economic issues and the policy alternatives help the student understand and apply the economic perspective and reason accurately and objectively about economic matters and promote a lasting student interest in economics and the economy **Micro-economics** Campbell R. McConnell, Stanley L. Brue, 1993 McConnell and Brue's Microeconomics Principles Problems and Policies is the leading Principles of Economics textbook because it is innovative and teaches students in a clear unbiased way The 17th Edition builds upon the tradition of leadership by sticking to 3 main goals help the beginning student master the principles essential for understanding the economizing problem specific economic issues and the policy alternatives help the student understand and apply the economic perspective and reason accurately and objectively about economic matters and promote a lasting student interest in economics and the economy *Principles of Economics' 2003 Ed. , Study Guide to Accompany Microeconomics* Campbell R. McConnell, Campbell McConnell, Stanley L. Brue, William B. Walstad, 2006-12 There are more than 200 new full color transparencies for the seventeenth edition They encompass all the figures appearing in Economics Additionally the figures and tables from the text are found on the Instructor's Resource CD ROM *Study Guide to Accompany McConnell and Brue Microeconomics* McConnell, William B. Walstad, 1999 **Study Guide for Use with Microeconomics, Ninth Canadian Edition** Torben Andersen, Robert C. Bingham, Campbell Robertson McConnell, William B. Walstad, 2002 **eBook: Economics 20th Edition** MCCONNELL, 2017-02-15 eBook Economics 20th Edition *Advanced Placement Economics* John S. Morton, Rae Jean B. Goodman, 2003 Cheering for Self James S. Vass Jr, James Vass Jr, 2003-05-13 This book is a study of UW men's basketball fans during the 2001-2002 season and explores their proclivity to cheering for self during basketball events The term basketball event is used rather than basketball game to make clear that everything connected to and seen heard or experienced before during and after a basketball game is included The actual game itself is only part of the basketball event An undercurrent runs throughout this participant observation mini ethnography dealing with access and the relative quality of that access to basketball events being affected by one's age class race and gender The prominent role of advertising in shaping basketball events and helping to construct fans as consumers of products both commercial and institutional during the process of cheering for self is central to this idea Cheering for self is the activity engaged in by individual fans after they find things to identify or connect with through personal investment Fans cheer for self indirectly

Fans cheer for the team that they identify with Through the process of cheering for self while attending the basketball event people are taught how to become fans to consume a UW product the basketball event and to consume advertisers products People have a tendency to spend their entire life trying to impress others **Economics** Campbell R. McConnell, Stanley L. Brue, 1999 **Study Guide to Accompany MacroEconomics** Campbell McConnell, William B. Walstad, Stanley Brue, 2006-12-05 One of the world's leading experts on economic education William Walstad of the University of Nebraska Lincoln has prepared the seventeenth edition of the Study Guide Many students find the Study Guide indispensable Each chapter contains an introductory statement a checklist of behavioral objectives an outline a list of important terms fill in questions problems and projects objective questions and discussion questions The answers to Economics end of chapter Key Questions appear at the end of the Study Guide along with the text's glossary The Guide comprises a superb portable tutor for the principles student Separate Study Guides are available for the macro and micro paperback editions of the text

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Economics Joshua Hall,Kerianne Lawson,2019-08-07 This book looks at a number of topics in economic education presenting multiple perspectives from those in the field to anyone interested in teaching economics Using anecdotes classroom experiments and surveys the contributing authors show that with some different or new techniques teaching economics can be more engaging for students and help them better retain what they learned Chapters cover a wide range of approaches to teaching economics from interactive approaches such as utilizing video games and Econ Beats to more rigorous examinations of government policies market outcomes and exploring case studies from specific courses Many of the chapters incorporate game theory and provide worked out examples of games designed to help students with intuitive retention of the material and these games can be replicated in any economics classroom While the exercises are geared towards college level economics students instructors can draw inspiration for course lectures from the various approaches taken here and utilize them at any level of teaching This book will be very useful to instructors in economics interested in bringing innovative teaching methods into the classroom *Study Guide to accompany Essentials of Economics* Stanley

Brue,William Walstad,2005-11-22 Written by William Walstad at the University of Nebraska Lincoln the Study Guide includes Chapter Summary Checklist of Objectives Chapter Outline Hints and Tips Important Terms Self Test with Fill in T F Multiple Choice and Short Answer and Essay Questions for each chapter **Teaching Principles of Microeconomics** Mark

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McConnell,Stanley L. Brue,1999 A Guide to Educational Research Peter Gordon,2014-01-14 This account of development in educational research is intended as a guide to possible research areas both fundamental and policy related for students in colleges and higher education institutions and should also be of interest to those engaged in curriculum planning and administration **Study Guide for Microeconomics** William B. Walstad,2014-01-23 One of the world s leading experts on

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born into royalty in 1755 and married the future king of france at age 15 by 21 she ascended to the throne and enjoyed a lavish lifestyle of masquerade balls sky high wigs and extravagant food but her taste for excess

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