

Cost, Supply & Competitive Markets

## Economics & Society

Kosmas Marinakis, Ph.D.

## 1



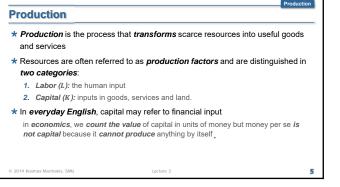
2



3

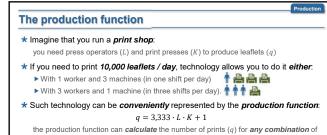


4





6

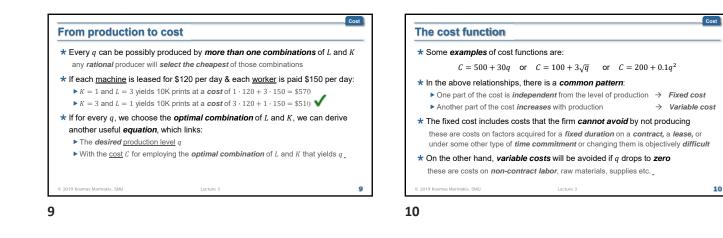


 L and K you choose
Different combinations of L and K are possible to yield equal output q yet, the costs of those different combinations do not necessarily have to be equal.

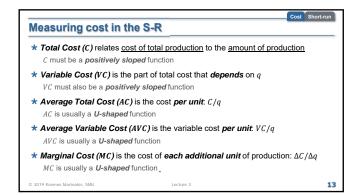
yet, the costs of alose different combinations do not necessarily have to be 2019 Kosmas Marinakis, SMU Lecture 3

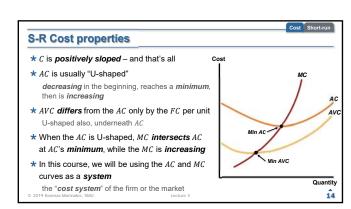
7









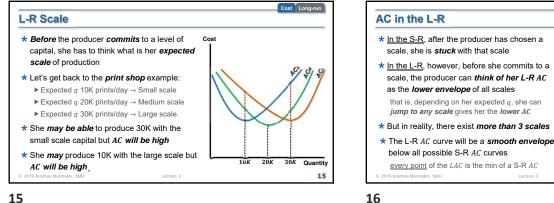


Cost

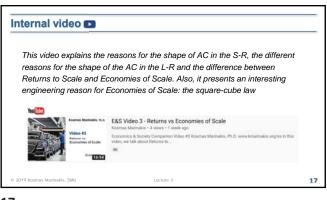
10K 20K 30K Quantit

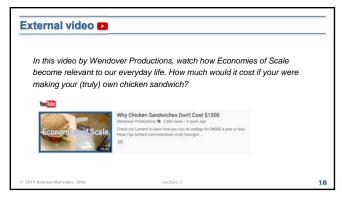
Cost Long-run

16



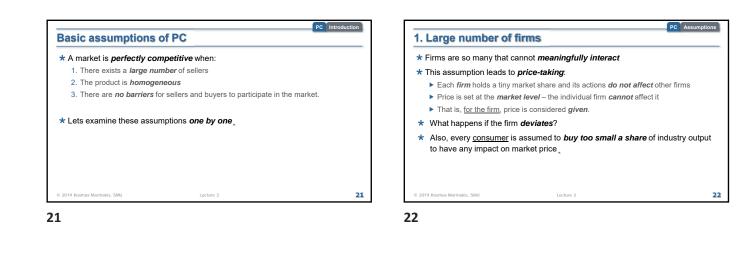


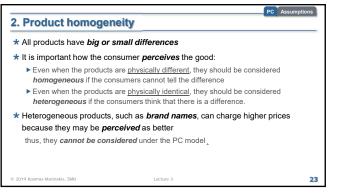


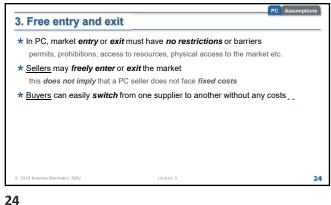


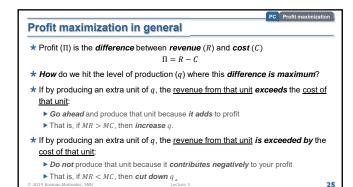


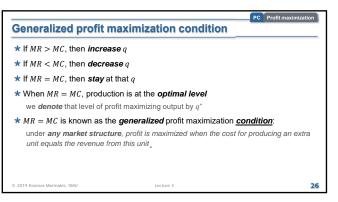
Perfect Competition	PC Introductio
We will now examine how consumers an environment of competition	d producers <i>interact</i> within an <i>ideal</i>
* Consumers optimize their utility subject this yields their individual demands, and by	0
* <u>Producers</u> optimize their production to <b>m</b> this yields the firm and <b>market supply</b> .	aximize their profits
© 2019 Kosmas Marínakis. SMU Lecture	3

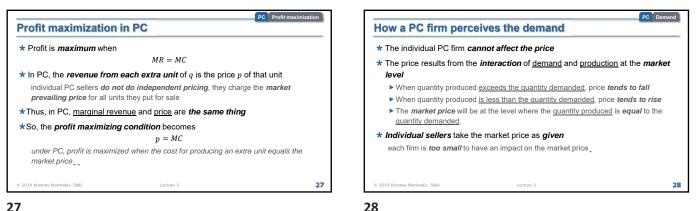




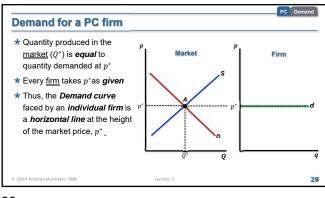


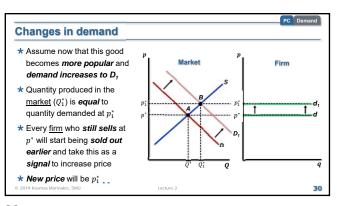




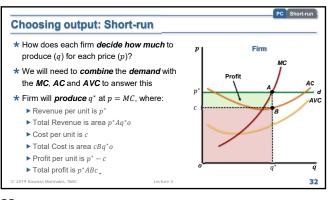


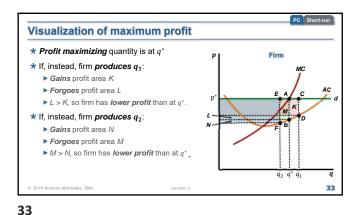


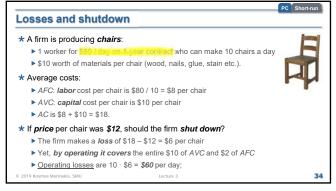




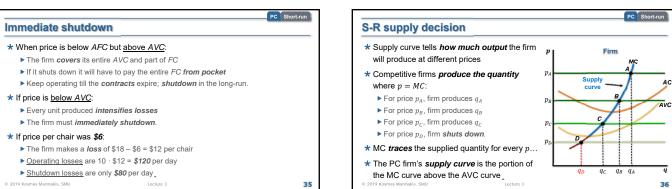


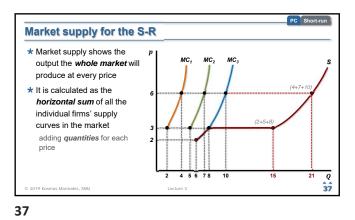






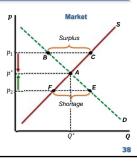






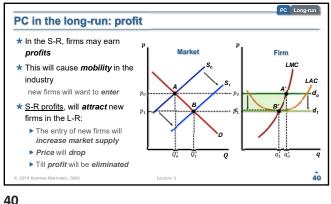


- \* Firms *know* their supply curves but may *not* have a good estimate of the market demand
- \* Had they *known* D, they would *price* at *p*\* **\*** If the firms price at  $p_1$ , quantity demanded (at
- B) will be *lower* than quantity supplied (at C) each firm will observe a surplus, which will be a signal to lower the price **\*** If the firms price at  $p_2$ , quantity demanded (at
- E) will exceed quantity supplied (at F) each firm will experience a shortage, which will be a signal to raise the price

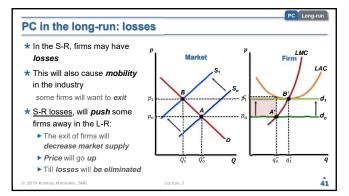


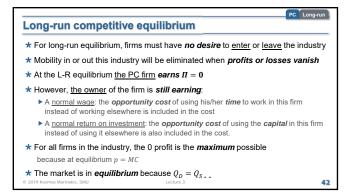












Thank you!
kmarinakis@smu.edu.sg www.kmarinakis.org trenkcosmas_teaching Kosmas Marinakis Kosmas Marinakis @Kos_Marinakis kosmas_marinakis