E101 - 5.1 - Short Run Production Decisions

Supply Curve, Firms, Cost of Production, Level of Production, Price, Competition, Firm's Cost.

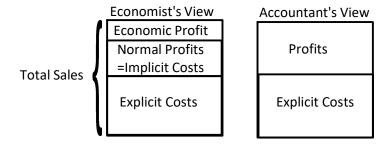
Depreciation - The annual cost of any asset that is expected to be in use for more than one year.

Explicit Costs - a cost that is actually paid out in money.

Implicit Costs - a cost that does not require an actual expenditure of money.

 $Total\ Accounting\ Profit = Total\ Revenue - Total\ Explicit\ Costs$

Total Economic Profit = Total Revenue - Total Costs (Implicit & Explicit)



Normal Profit - The minimum profit that must be earned to keep the entrepreneur in that type of business.

Economic Profit - Revenue over and above all costs, including normal profits.

Sunk Costs - Costs that are unrecoverable.

Short Run - Any period of time in which at least one input in the production process is fixed and cannot be increased or decreased.

Total Product - The total output of any productive process.

Marginal Product - The increase in total product as a result of adding one more unit of input.

Average Product - The total product or total output divided by the quantity of inputs used to produce the total.

Division of Labour - The dividing of the production process into a series of specialized tasks, each done by a different worker.

Law of Diminishing Returns - as more of a variable input is added to a fixed input in the production process, the resulting increase in output will, at some point, begin to diminish. (Law of Diminishing Marginal Productivity).

Total Variable Costs - The total of all costs that vary with the level of output.

Marginal Cost - The increase in total variable costs as a result of producing one more unit of output.

Average Variable Cost - The total variable cost divided by the total output.

Total Fixed Costs - Costs that do not vary with the level of output.

Average Fixed Cost - Total fixed cost divided by the quantity of output.

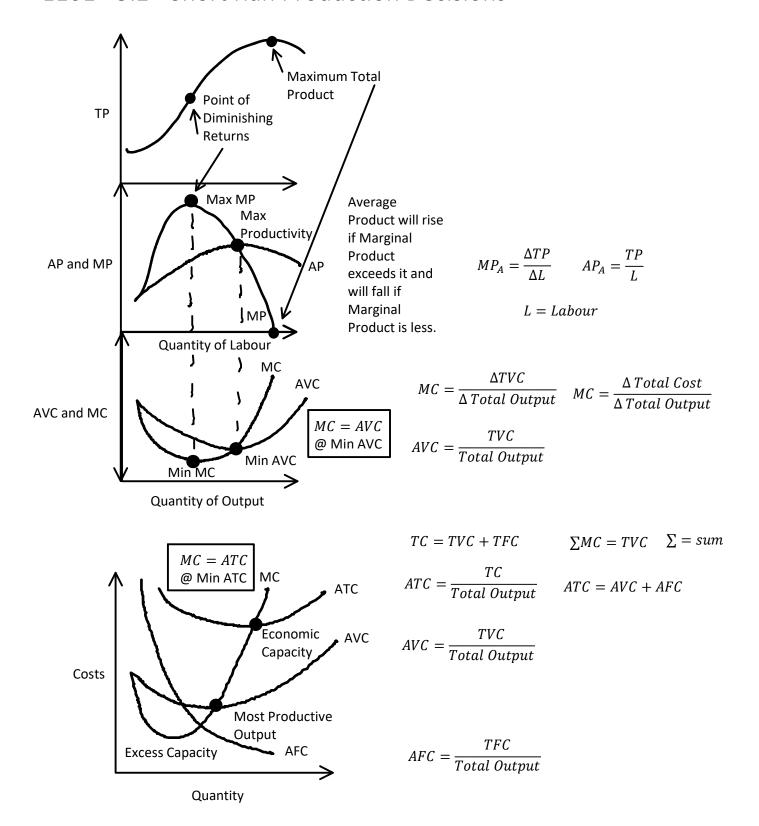
Total Cost - The sum of both total variable cost and total fixed cost.

Average Total Cost - Total cost divided by the quantity of output.

Economic Capacity - The total output at which average total cost is at a minimum.

Excess Capacity - The situation in which a firm's output is below economic capacity.

E101 - 5.2 - Short Run Production Decisions



The U-shaped MC curve intersects the AVC curve and ATC curve at their minimum points.

Division of Labour - MP and AP Increasing, MC and AVC Decreasing. Diminishing Returns - MP and AP Decreasing, MC and AVC Increasing.