

Terms	Definition	Comments
Production	creation of finished goods and services using the factors of production: land, labor, capital, knowledge, and entrepreneurship	
production management	used to describe all the activities managers do to help their firms create goods	
operations management	area in management that converts or transforms resources including human resources into goods and services	ex: technical skills, innovation, into inventory management, quality control, production scheduling, follow-up services,
form utility	the value producers add to materials in the creation of finished goods and services	
process manufacturing	that part of production process that physically or chemically changes materials	
assembly process	part of production process that puts together components	
continuous process	process in which long production runs turn out finished goods over time	ex: chef has a conveyor belt that lowers eggs into boiling water for 3 minutes, then takes it out, each 3 minute egg would be available whenever needed
intermittent process	production process in which the production run is short and machines are changed frequently to make different products	
computer aided design	use of computers in the design of products	
computer aided manufacturing	uniting of computer aided design with computer aided manufacturing,	
Factors of relocation	are there skilled workers? Natural resources? Union area? Close to transportation? Land costs?	

	<p>Crime rate? Quality of life?  Community reaction?  Competition? Market?</p>	
flexible manufacturing	designing machines to do multiple tasks so that they can produce a variety of products	
lean manufacturing	the production of goods using less of everything compared to mass production before companies were holding huge inventories to keep in stock, with lean they keep what they know they need for then they use MRP in lean	
MRP, Materials requirement planning	computer based operations management system that uses sales forecasts to make sure that needed parts and materials are available at the right time and price	if you need 1 million iPhone in 3 months, and suppliers are cool with that, it really sucks if people like it too much and order 2 million iPhone, or if there is a delay for suppliers, it sucks then too
ERP, Enterprise resources planning	newer version of MRP that combines the computerized functions and all divisions and subsidiaries of the firm-- such as finance, human resources, and order fulfillment--into single integrated software program that uses a single database	it would include prices for all the materials too, along with the creation times
mass customization	allows consumers options to change up their orders	