

## IEDA 2010 Cheat Sheet by Olyphix via cheatography.com/213284/cs/46409/

Process Types			Product Layout		
Decision	Intermittent Operations	Continuous	opsmaot	h,	single machine
Product Variety	Great	Sma	all		failure eterne unhale
Degree of Standardization	Low		logical		failure stops whole
Organization of Resources	Grouped by function	Line flow to a processin	g needs		line
Path of products through facility	In a varied pattern, depending on product needs	Line t	lines		
Factors driving production	Customer orders	Forecast of fut	tursimani i	in-	changing product
Critical Resource	Labor-intensive (worker skills important)	technology	ntensipoces automation, support)		design requires
Type of Equipment	General purpose	Specia	lizinvent	-	major layout change
Degree of Automation	Low	Hig	<sup>gh</sup> ories		
			01100		
Intermittent vs Continous			total		pace of production
			prod		depends on slowest
Operations			prod		acpends on slowest
			time p	er	machine

## rocess Types Process types: Process types: All and a final part of production prod depends on slowest time per machine unit is short reduced identical machines material not fully ultillised, so handling high investment required

	Product Volume	Process Layout	
Fixed-Position Layout reduced increased	better utilization of machines	expensive material handling	
material movement highly	movement of personnel and equipment higher skill req	highly flexible	production planning and control systems more involved
flexible	supervision needed expensive low equipment usage	reduced investment on machiens as they are general purpose	higher prod time as WIP travels alot for machines
			skill diversity required

Group Technolo	gy Layout		
shorter travel distance than process layout	reduced flexibility		
reduced material handling	higher skill level required		
reduced setup time	lower machine usage than process layout		
reduced in process inventory and tooling			

Service Layouts		
Office Layouts	Retail Layouts	
provide comfort,	maximise	
safety, and	net profit	
movement of	per square	
information	space	
NAVAT II. a. a. a. tila ati a. Ili. vala a. iia a.		

Must be aesthetically pleasing as well as functional



By **Olyphix** 

cheatography.com/olyphix/

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