

# [Learning curve theory](https://assignbuster.com/learning-curve-theory/)

Learning Curve Theorybased on three assumptions:

1. The amount of time required to complete a given task or service will be less each time the task is undertaken.
2. The unit time will decrease at a decreasing rate.
3. The reduction in time will follow a predictable pattern.

Individual Learning (autonomous)workers perform tasks more proficiently; tendency for performance improvement to " plateau"; occurs naturally ONLEARNING CURVE THEORY SPECIFICALLY FOR YOUFOR ONLY$13. 90/PAGEOrder NowOrganizational Learning (exogenous)new " production" methods and tools; improved service design from the standpoint of ease of " production"; layout; automation; administrative changesInterruptions in the learning curve (Re-learning)occur when:

(i) new services are introduced

(ii) the design of the process is changed

(iii) intermittent " production" occurs for the same service

Plateauingtypically has two phases:
(i) initial or start-phase representing the early manufacturing experience with the service
(ii) the steady state phase representing the point at which learning is minimal
Has been observed with a much greater frequency in machine-intensive (as opposed to labor-intensive) production environments