

storage tanks for each product line - and thus complicate the scheduling strategy further. The problem of scheduling gets aggravated by the requirement of meeting the

## Scheduling in Continuous Process Industries

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### Process Flow Diagram

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Consider a feed-effluent process with  $n$  feed streams,  $m$  intermediate streams and  $p$  product streams. The feed streams are charged to the process in a fixed sequence and at fixed intervals. The intermediate streams are produced in a fixed sequence and at fixed intervals. The product streams are produced in a fixed sequence and at fixed intervals. The process is operated in a fixed sequence and at fixed intervals.

There are two main types of scheduling problems in process industries: batch scheduling and continuous scheduling.

Batch scheduling involves scheduling a sequence of batches of different products. The process is operated in a fixed sequence and at fixed intervals. The product streams are produced in a fixed sequence and at fixed intervals.

Continuous scheduling involves scheduling a continuous flow of material through the process. The process is operated in a fixed sequence and at fixed intervals. The product streams are produced in a fixed sequence and at fixed intervals.

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