Fold each printed sheet in half lengthwise. The left side of the document will list the term and the right side will list the definition. Tape or staple the open edges of your flashcards. Cut out your flashcards on the solid lines indicated and fold them on the dotted lines.

Module 5 Section B: Scheduling and PAC Methods	A method of inventory bookkeeping where the book (computer) inventory of components is automatically reduced by the computer after completion of activity on the component's upper-level parent item based on what should have been used as specified on the bill of
<b>Term</b> Backflush APICS CPIM Learning System © 2025	material and allocation records. This approach has the disadvantage of a built-in differential between the book record and what is physically in stock. Syn.: explode- to-deduct, post-deduct inventory transaction processing. See: pre-deduct inventory transaction processing.
Module 5 Section B: Scheduling and PAC Methods	In repetitive just-in-time production, matching actual
<b>Term</b> Balancing operations	output cycle times of all operations to the demand or use for parts as required by final assembly and, eventually, as required by the market.
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Module 5 Section B: Scheduling and PAC Methods Term Bottleneck	A facility, function, department, or resource whose capacity is less than the demand placed upon it. For example, [this type of] machine or work center exists where jobs are processed at a slower rate than they are demanded. Syn.: bottleneck operation.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	
<b>Term</b> Buffer	In theory of constraints, time or material that supports throughput and/or due date performance.
APICS CPIM Learning System © 2025	

Module 5 Section B: Scheduling and PAC Methods Term Buffer management	In the theory of constraints, a process in which all expediting in a shop is driven by what is scheduled to be in the buffers (constraint, shipping, and assembly buffers). By expediting this material into the buffers, the system helps avoid idleness at the constraint and missed customer due dates. In addition, the reasons items are missing from the buffer are identified, and the frequency of occurrence is used to prioritize improvement activities.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	A material of value produced as a residual of or incidental to the production process. The ratio of [this]
<b>Term</b> By-product	to primary product is usually predictable. [These] may be recycled, sold as-is, or used for other purposes. See: co-product.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	A resource that is not a constraint but will become a
<b>Term</b> Capacity-constrained resource (CCR)	constraint unless scheduled carefully. Any resource that, if its capacity is not carefully managed, is likely to compromise the throughput of the organization.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	
<b>Term</b> Co-product	A product that is usually manufactured together or sequentially because of product or process similarities. See: by-product.
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Module 5 Section B: Scheduling and PAC Methods	
<b>Term</b> Constraint	Any element or factor that prevents a system from achieving a higher level of performance with respect to its goal.
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Module 5 Section B: Scheduling and PAC Methods	The practice of managing resources and organizations
<b>Term</b> Constraints management	in accordance with the theory of constraints (TOC) principles. See: theory of constraints.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	In the theory of constraints, strategic locations in the logical product structure for a product or family that simplify the planning, scheduling, and control functions. [These] include gating operations,
<b>Term</b> Control points	convergent points, divergent points, constraints, and shipping points. Detailed scheduling instructions are planned, implemented, and monitored at these locations. Other work centers are instructed to "work if they have work; otherwise, be prepared for work." In this manner, materials flow rapidly through the facility without detailed work center scheduling and control.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	
<b>Term</b> Corrective action	The implementation of solutions resulting in the reduction or elimination of an identified problem.
APICS CPIM Learning System © 2025	

Count point to another. Syn.: pay point.   APICS CPIM Learning System © 2025   Module 5 1) In industrial engineering, the time between the completion of two discrete units of production. For example, [f] motors [are] assembled at a rate of 120 per hour, [this] is 30 seconds. 2) In material enters a production facility until it exits. Syn.: throughput time.   APICS CPIM Learning System © 2025   Module 5 Term Cycle time   APICS CPIM Learning System © 2025   Module 5 Section B: Scheduling and PAC Methods   PICS CPIM Learning System © 2025   Module 5 The required or agreed time or rate of delivery of goods or services purchased for a future period.   PICS CPIM Learning System © 2025   Module 5 Section B: Scheduling and PAC Methods   PICS CPIM Learning System © 2025   Module 5 Section B: Scheduling and PAC Methods   APICS CPIM Learning System © 2025   Module 5 Section B: Scheduling and PAC Methods   APICS CPIM Learning System © 2025	Module 5 Section B: Scheduling and PAC Methods Term	A point in a flow of material or sequence of operations at which parts, subassemblies, or assemblies are counted as being complete. [These] may be designated at the ends of lines or upon removal from a work center, but most often they are designated as the points at which material transfers from one department
Section B: Scheduling and PAC Methods 1) In industrial engineering, the time between the completion of two discrete units of production. For example, [if] motors [are] assembled at a rate of 120 per hour, [this] is 30 seconds. 2) In materials management, the length of time from when material enters a production facility until it exits. Syn:: throughput time.   APICS CPIM Learning System © 2025   Module 5 Section B: Scheduling and PAC Methods   Term Delivery schedule   APICS CPIM Learning System © 2025   Module 5 The required or agreed time or rate of delivery of goods or services purchased for a future period.   Module 5 Section B: Scheduling and PAC Methods   Delivery schedule The required or agreed time or rate of delivery of goods or services purchased for a future period.   Module 5 Section B: Scheduling and PAC Methods   APICS CPIM Learning System © 2025   Module 5 Section B: Scheduling and PAC Methods   APICS CPIM Learning System © 2025   Module 5 Section B: Scheduling and PAC Methods   An operation in a production process in which a single material/component enters and after processing, can then be routed to a number of different downstream operations.		
Term per hour, [this] is 30 seconds. 2) In materials management, the length of time from when material enters a production facility until it exits. Syn.: throughput time.   APICS CPIM Learning System © 2025   Module 5 Section B: Scheduling and PAC Methods   Term Delivery schedule   APICS CPIM Learning System © 2025   Module 5 The required or agreed time or rate of delivery of goods or services purchased for a future period.   Module 5 Section B: Scheduling and PAC Methods   APICS CPIM Learning System © 2025   Module 5 Section B: Scheduling and PAC Methods   APICS CPIM Learning System © 2025   Module 5 Section B: Scheduling and PAC Methods   Apics CPIM Learning System © 2025		completion of two discrete units of production. For
Module 5   Section B: Scheduling and PAC Methods   Term   Delivery schedule   APICS CPIM Learning System   © 2025   Module 5   Section B: Scheduling and PAC Methods   Module 5   Section B: Scheduling and PAC Methods   APICS CPIM Learning System   © 2025   Module 5   Section B: Scheduling and PAC Methods   An operation in a production process in which a single material/component enters and, after processing, can then be routed to a number of different downstream operations.	-	per hour, [this] is 30 seconds. 2) In materials management, the length of time from when material enters a production facility until it exits. Syn.:
Section B: Scheduling and PAC Methods The required or agreed time or rate of delivery of goods or services purchased for a future period.   Term Delivery schedule   APICS CPIM Learning System © 2025   Module 5 Section B: Scheduling and PAC Methods   An operation in a production process in which a single material/component enters and, after processing, can then be routed to a number of different downstream operations.	APICS CPIM Learning System © 2025	
Term Delivery schedule or services purchased for a future period.   APICS CPIM Learning System © 2025   Module 5 Section B: Scheduling and PAC Methods   An operation in a production process in which a single material/component enters and, after processing, can then be routed to a number of different downstream operations.   Term Divergent point		
Module 5   Section B: Scheduling and PAC Methods   Image: An operation in a production process in which a single material/component enters and, after processing, can then be routed to a number of different downstream operations.   Image: Divergent point	Delivery schedule	
Section B: Scheduling and PAC Methods An operation in a production process in which a single material/component enters and, after processing, can then be routed to a number of different downstream operations.   Term Divergent point		
Term   Divergent point		An operation in a production process in which a single
APICS CPIM Learning System © 2025		material/component enters and, after processing, can then be routed to a number of different downstream
	APICS CPIM Learning System © 2025	

Module 5 Section B: Scheduling and PAC Methods	In the theory of constraints, the constraint is viewed as a drum, and nonconstraints are like soldiers in an army
<b>Term</b> Drum	who march in unison to the drumbeat; the resources in a plant should perform in unison with the drumbeat set by the constraint.
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Module 5 Section B: Scheduling and PAC Methods	The detailed production schedule for a resource that
<b>Term</b> Drum schedule	sets the pace for the entire system. [It] must reconcile the customer requirements with the system's constraint(s).
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Module 5 Section B: Scheduling and PAC Methods	
<b>Term</b> Drum-buffer-rope (DBR)	The theory of constraints method for scheduling and managing operations that have an internal constraint or capacity-constrained resource.
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Module 5 Section B: Scheduling and PAC Methods	
<b>Term</b> Earned hours	A statement reflecting the standard hours assigned for actual production reported during the period. Syn.: earned volume.
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Module 5 Section B: Scheduling and PAC Metho Term Excess capacity APICS CPIM Learning System	ods © 2025	Capacity that is not used to either produce or protect the creation of throughput.	
Module 5 Section B: Scheduling and PAC Metho	ods	The flow of information back into the control system so	
<b>Term</b> Feedback		that actual performance can be compared with planned performance.	
APICS CPIM Learning System	© 2025		
Module 5 Section B: Scheduling and PAC Metho	ods		
<b>Term</b> Feeder workstations		An area of manufacture whose products feed a subsequent work area.	
APICS CPIM Learning System	© 2025		
Module 5 Section B: Scheduling and PAC Metho	ods		
<b>Term</b> Flexible workforce		A workforce whose members are cross-trained and whose work rules permit assignment of individual workers to different tasks.	
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Module 5 Section B: Scheduling and PAC Methods Term Floor stocks	Stocks of inexpensive production parts held in the factory, from which production workers can draw without requisitions. Syn.: bench stocks, expensed stocks.
Module 5 Section B: Scheduling and PAC Methods	A specific production control system that is based primarily on setting production rates and feeding work
<b>Term</b> Flow control APICS CPIM Learning System © 24	into production to meet these planned rates, then monitoring and controlling production. See: shop floor control.
Module 5 Section B: Scheduling and PAC Methods	A form of manufacturing organization in which machines and operators handle a standard, usually uninterrupted, material flow. The operators generally perform the same operations for each production run. [This] is often referred to as a mass production shop or is said to have a continuous manufacturing
<b>Term</b> Flow shop	layout. The plant layout (arrangement of machines, benches, assembly lines, etc.) is designed to facilitate a product "flow." Some process industries (chemicals, oil, paint, etc.) are extreme examples of [this]. Each product, though variable in material specifications, uses the same flow pattern through the shop. Production is set at a given rate, and the products are generally manufactured in bulk. Syn.: flow line, flow manufacturing, flow plant.
APICS CPIM Learning System © 2	, <b>1</b>
<b>Module 5</b> Section B: Scheduling and PAC Methods	A procedure for building process train schedules that starts with the first stage and proceeds sequentially through the process structure until the last stage is
<b>Term</b> Forward flow scheduling	scheduled.

Module 5 Section B: Scheduling and PAC Methods	In just-in-time philosophy, an approach to level
<b>Term</b> Heijunka	production throughout the supply chain to match the planned rate of end product sales.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	A defined location next to the place of use on a
<b>Term</b> Inbound stockpoint	production floor. Materials are brought to [it] as needed and taken from it for immediate use. [These] are used with a pull system of material control.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	A technique for capacity control where planned and actual inputs and planned and actual outputs of a work center are monitored. Planned inputs and outputs for each work center are developed by capacity
<b>Term</b> Input/output control (I/O control)	requirements planning and approved by manufacturing management. Actual input is compared to planned input to identify when work center output might vary from the plan because work is not available at the work center. Actual output is also compared to planned output to identify problems within the work center. Syn.: input/output analysis. See: capacity control.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	
<b>Term</b> Intermittent production	A form of manufacturing in which the jobs pass through the functional departments in lots, and each lot may have a different routing. See: job shop.
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Module 5 Section B: Scheduling and PAC Methods Term Kanban	A method of just-in-time production that uses standard containers or lot sizes with a single card attached to each. It is a pull system in which work centers signal with a card that they wish to withdraw parts from feeding operations or suppliers. [This] Japanese word, loosely translated, means card, billboard, or sign, but other signaling devices such as colored golf balls have also been used. The term is often used synonymously for the specific scheduling system developed and used by the Toyota Corporation in Japan. See: move card, production card, synchronized production.
Module 5 Section B: Scheduling and PAC Methods	
<b>Term</b> Labor efficiency	The average of worker efficiency for all direct workers in a department or facility. Syn.: worker efficiency.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	A philosophy of production that emphasizes the minimization of the amount of all the resources (including time) used in the various activities of the enterprise. It involves identifying and eliminating non-value-adding activities in design, production, supply chain management,
<b>Term</b> Lean production	and dealing with customers. [It also employs] teams of multiskilled workers at all levels of the organization and use highly flexible, increasingly automated machines to produce volumes of products in potentially enormous variety. [It] contains a set of principles and practices to reduce cost through the relentless removal of waste and through the simplification of all manufacturing and support processes. Syn.: lean, lean manufacturing.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	1) The balancing of the assignment of the tasks to workstations in a manner that minimizes the number of workstations and minimizes the total amount of idle time at all stations for a given output level. In balancing
<b>Term</b> Line balancing	these tasks, the specified time requirement per unit of product for each task and its sequential relationship with the other tasks must be considered. See: uniform plant loading. 2) A technique for determining the product mix that can be run down an assembly line to provide a fairly consistent flow of work through that assembly line at the planned line rate.
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Module 5 Section B: Scheduling and PAC Method	ds		
<b>Term</b> Lot sizing		The process of, or techniques used in, determining lot size. See: order policy.	
APICS CPIM Learning System	© 2025		
Module 5 Section B: Scheduling and PAC Method	ds	In statistical process control, charting the line that	
<b>Term</b> Lower specification limit (LSL)		defines the minimum acceptable level of random output. See: tolerance limits.	
APICS CPIM Learning System	© 2025		
Module 5 Section B: Scheduling and PAC Method	ds		
<b>Term</b> Machine-limited capacity		A production environment where a specific machine limits throughput of the process. See: constraint, throughput.	
APICS CPIM Learning System	© 2025		
Module 5 Section B: Scheduling and PAC Method	ds	The difference between the planned or standard	
<b>Term</b> Material usage variance		requirements for materials to produce a given item and the actual quantity used for a particular instance of manufacture.	
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Module 5 Section B: Scheduling and PAC Methods Term Material-dominated scheduling (MDS) APICS CPIM Learning System	A technique that schedules materials before processors (equipment or capacity). This technique facilitates the efficient use of materials. [It] can be used to schedule each stage in a process flow scheduling system. MRP systems use material-dominated scheduling logic. See: processor-dominated scheduling.
Module 5 Section B: Scheduling and PAC Methods	A procedure used in some process industries for building process train schedules that start at an initial
<b>Term</b> Mixed-flow scheduling	stage and work toward the terminal process stages. This procedure is effective for scheduling where several bottleneck stages may exist. Detailed scheduling is done at each bottleneck stage.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	Making several different parts or products in varying lot sizes so that a factory produces close to the same mix of products that will be sold that day. The mixed-model
Term Mixed-model production	schedule governs the making and the delivery of component parts, including those provided by outside suppliers. The goal is to build every model every day, according to daily demand.
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Module 5 Section B: Scheduling and PAC Methods	The process of developing one or more schedules to
<b>Term</b> Mixed-model scheduling	enable mixed-model production. The goal is to achieve a day's production each day. See: mixed-model production.
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Module 5   Section B: Scheduling and PAC Methods   In a just-in-time context, a card or oth indicating that a specific number of using the indicating the inditert of the indicating the indicating the indicating t	units of a particular usually an point of use uthorizes the een a single pair of tween the g work center and work center. Syn.:
Module 5   Section B: Scheduling and PAC Methods   Within the repair/remanufacturing en occurrence factor is associated with the is required to bring the average part of the section	how often a repair
Term condition (some repair operations do percent of the time). The factor is exproperation level in the routing. See: replacement factor.   Occurrence factor replacement factor.	o not occur 100 pressed at the
APICS CPIM Learning System © 2025	
Module 5   Section B: Scheduling and PAC Methods   A kanban system where only a move   Typically, the work centers are adjace   production card is required. In many	ent; therefore, no
Term Iocated between work centers are us system. An empty square signals the center to produce a standard contain Syn.: single-card kanban system. Se kanban system.   APICS CPIM Learning System © 2025	e supplying work her of the item.
Module 5   Section B: Scheduling and PAC Methods   A concept in which items are process	sed directly from
Term one step to the next, one unit at a tim shorten lead times and lines of commore quickly identifying problems.   One-piece flow Image: Common step to the next, one unit at a time shorten lead times and lines of common shorten shorten lead times and lines of common shorten shorten lead times and lines of common shorten shorten shorten lead times and lines of common shorten short	ne. This helps to
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Module 5 Section B: Scheduling and PAC Method Term Operation/process yield	ls	The ratio of usable output from a process, process stage, or operation to the input quantity, usually expressed as a percentage.	
APICS CPIM Learning System	2025		
Module 5 Section B: Scheduling and PAC Method	ls		
<b>Term</b> Order release		The activity of releasing materials to a production process to support a manufacturing order. See: planned order release.	
APICS CPIM Learning System	2025		
Module 5 Section B: Scheduling and PAC Method	ls		
<b>Term</b> Outbound stockpoint		The designated locations near the point of use on a plant floor to which material produced is taken until in pulled to the next operation.	
APICS CPIM Learning System	2025		
Module 5 Section B: Scheduling and PAC Method			
<b>Term</b> Overload		A condition in which the total hours of work outstanding at a work center exceed that work center's capacity.	
APICS CPIM Learning System	2025		

Module 5 Section B: Scheduling and PAC Methods	In lean, the resource that is scheduled based on the customer demand rate for that specific value stream; this resource performs an operation or process that
<b>Term</b> Pacemaker	governs the flow of materials along the value stream. Its purpose is to maintain a smooth flow through the manufacturing plant. A larger buffer is provided for [this than for] other resources so that it can maintain continuous operation. See: constraint.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	A variant of scheduling that considers slack time to increase or decrease the calculated lead time of an order. Interoperation and administrative lead time
<b>Term</b> Probable scheduling	components are expanded or compressed by a uniform "stretching factor" until no difference exists between the schedule of operations obtained by forward and backward scheduling. See: lead time scheduling.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	Production that adds value by mixing, separating,
<b>Term</b> Process manufacturing	forming, and/or performing chemical reactions. It may be done in either batch or continuous mode. See: project manufacturing.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	A representation of the flow of materials through a process industry manufacturing system that shows equipment and inventories. Equipment that performs a
<b>Term</b> Process train	basic manufacturing step, such as mixing or packaging, is called a process unit. Process units are combined into stages, and stages are combined [to form these]. Inventories decouple the scheduling of sequential stages within [this].
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Module 5 Section B: Scheduling and PAC Methods Term Processor-dominated scheduling APICS CPIM Learning System	A technique that schedules equipment (processor) before materials. Facilitates scheduling equipment in economic run lengths and the use of low-cost production sequences. A scheduling method used in some process industries. See: material-dominated scheduling.
Module 5 Section B: Scheduling and PAC Methods	In a just-in-time context, a card or other signal for
Term Production card	indicating that items should be made for use or that some items removed from pipeline stock should be replaced. See: kanban.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	A production planning mathed that pointsing a stable
Term Production leveling APICS CPIM Learning System © 2025	A production planning method that maintains a stable production rate while varying inventory levels to meet demand.
Module 5 Section B: Scheduling and PAC Methods	A vehicle to provide feedback to the production schedule and allow for corrective action and maintenance of valid on-hand and on-order balances.
<b>Term</b> Production reporting and status control	Normally includes manufacturing order authorization, release, acceptance, operation start, delay reporting, move reporting, scrap and rework reporting, order close-out, and payroll interface. Syn.: manufacturing order reporting, shop order reporting.
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Module 5 Section B: Scheduling and PAC Methods Term Pull signal	Any signal that indicates when to produce or transport items in a pull replenishment system. For example, in just-in-time production control systems, a kanban card is used as [this] to replenish parts to the using operation. See: pull system.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	The scheduling of activities so that predetermined resource availability pools are not exceeded. Activities are started as soon as resources are available (with
<b>Term</b> Resource-limited scheduling	respect to logical constraints), as required by the activity. When not enough of a resource exists to accommodate all activities scheduled on a given day, a priority decision is made. Project finish may be delayed, if necessary, to alter schedules constrained by resource usage.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	A scheduling procedure used in some process
<b>Term</b> Reverse flow scheduling	industries for building process train schedules. Starts with the last stage and proceeds backward (countercurrent to the process flow) through the process structure.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	One of the three devices required for proper management of operations. (The other two are drum
<b>Term</b> Rope	and buffer.) The rope is the information flow from the drum to the front of the line (material release), which chokes the release of materials to match the flow through the constraint.
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Module 5 Section B: Scheduling and PAC Metho Term Specification	ds	A clear, complete, and accurate statement of the technical requirements of a material, an item, or a service, and of the procedure to determine if the requirements are met.	
APICS CPIM Learning System	© 2025		
Module 5 Section B: Scheduling and PAC Metho	ds	A manufacturing order quantity that has been divided into two or more smaller quantities, usually after the order has been released. The quantities of [this] may	
<b>Term</b> Split lot	0.0005	be worked on in parallel, or a portion of the original quantity may be sent ahead to a subsequent operation to be worked on while work on the remainder of the quantity is being completed at the current operation. The [purpose] is to reduce the lead time of the order.	
APICS CPIM Learning System	© 2025		
Module 5 Section B: Scheduling and PAC Metho	on B: Scheduling and PAC Methods		
<b>Term</b> Standardized work		A work process that is always carried out exactly the same way, preferably using the current best known way under which the output can be achieved.	
APICS CPIM Learning System	© 2025		
Module 5 Section B: Scheduling and PAC Metho	ds	A storage point logated upstroom of a work station	
<b>Term</b> Store		A storage point located upstream of a work station, intended to make it easier to see customer requirements.	
APICS CPIM Learning System	© 2025		

Module 5 Section B: Scheduling and PAC Methods Term Takt time APICS CPIM Learning System	Sets the pace of production to match the rate of customer demand and becomes the heartbeat of any lean production system. Computed as the available production time divided by the rate of customer demand. For example, assume demand is 10,000 units per month, or 500 units per day, and planned available capacity is 420 minutes per day. [This] = 420 minutes per day ÷ 500 units per day = 0.84 minutes per unit. [This means] that a unit should be planned to exit the production system on average every 0.84 minutes. Syn.: tact time.
Module 5 Section B: Scheduling and PAC Methods	A holistic management philosophy developed by Dr. Eliyahu M. Goldratt, based on the principle that complex systems exhibit inherent simplicity. Even a very complex system comprising thousands of people
TermTheory of constraints (TOC)APICS CPIM Learning System© 2025	and pieces of equipment can have, at any given time, only a very, very small number of variables—perhaps only one, known as a constraint—that actually limit the ability to generate more of the system's goal.
Module 5 Section B: Scheduling and PAC Methods	
<b>Term</b> Time buffer	Protection against uncertainty that takes the form of time.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	
<b>Term</b> Tolerance	Allowable departure from a nominal value established by design engineers that is deemed acceptable for the functioning of the good or service over its life cycle.
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Module 5 Section B: Scheduling and PAC Methods	1) The upper and lower extreme values permitted by the tolerance. 2) In work measurement, the limits between which a specified operation time value or other work unit will be expected to vary. See: lower specification limit, upper specification limit. Syn.: specification limits.
<b>Term</b> Tolerance limits	
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	The quantity of an item moved between sequential
<b>Term</b> Transfer batch	work centers during production. See: batch, overlap quantity.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	A kanban system where a move card and production card are employed. The move card authorizes the movement of a specific number of parts from a source
<b>Term</b> Two-card kanban system	to a point of use. The move card is attached to the standard container of parts during movement of the parts to the point of use. The production card authorizes the production of a given number of parts for use or replenishment. Syn.: dual-card kanban system. See: one-card kanban system.
APICS CPIM Learning System © 2025	
Module 5 Section B: Scheduling and PAC Methods	
<b>Term</b> Unplanned repair	Repair and replacement requirements that are unknown until remanufacturing teardown and inspection.
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Module 5 Section B: Scheduling and PAC Methods		
<b>Term</b> Upper specification limit (USL)	In statistical process control, the line that defines the maximum acceptable level of random output. See: tolerance limits.	
APICS CPIM Learning System © 2025		
Module 5 Section B: Scheduling and PAC Methods	of parts and products from raw materials to finished products (logical product structure). [The "V"] logical structure starts with one or a few raw materials, and the product expands into a number of different products as it flows through divergent points in its routings. The shape of an ["A"] logical structure is dominated by converging points. Many raw materials	
<b>Term</b> VATI analysis	logical structure consists of numerous similar finished products. ["Ine" 1"] logical structure consists of numerous similar finished products assembled from common assemblies, subassemblies, and parts. An ["I"] logical structure is the simplest of production flows, where resources are shared between different products and the flow is in a straight line sequence (e.g., an assembly line). Once the general parts flow is	
APICS CPIM Learning System © 2025		
Module 5 Section B: Scheduling and PAC Methods	The control of authorized levels of activities and inventories in a way that is instantly and visibly obvious. A type of activity and inventory control used in a workplace organization where everything has an assigned place and is in its place.	
<b>Term</b> Visual control		
APICS CPIM Learning System © 2025		
Module 5 Section B: Scheduling and PAC Methods	1) Arrangement in which companies exchange their wastes for the benefit of both parties. 2) An exchange service of valuable information between generators and	
<b>Term</b> Waste exchange	whereby a beneficial use rather than disposal is the end result. This service identifies both the producers and potential markets for by-products, surpluses,	
APICS CPIM Learning System © 2025		