

TOC for Managing Production

2-day program (10 hours)

Understanding how and why Production Systems achieve their performance outcomes

Note: TOC for Workflow Management – Overview is Day 1 of this program.

TOC for Managing Production is a two-day program that investigates and demonstrates the cause of the typical problems of managing production:

- Long and often unreliable lead times
- Delayed deliveries
- Excessive work-in-process
- Higher than budgeted costs, etc.

The solution is derived using simulations and cause-and-effect logic. Scheduling, synchronization, and control methods are taught, applied, and discussed. The characteristics of basic production workflows are covered, as well as the process of developing workflow maps.

Benefits

Attendees will learn how to:

- Use the Five Focusing Steps and Drum-Buffer-Rope (DBR) to better manage any production-managed workflow, where work is viewed and managed in the context of processing rates and queue times, regardless of whether the workflow is that of production, manufacturing, repair, or logistics
- More effectively identify queuing variability and reposition work level safety to the order level where it will better protect delivery performance
- Synchronize workflow across multiple products with level loads on shared resources and how to gate the start of new production work
- Use properly positioned and sized time buffers to manage and contain the effects of variability [i.e., setup times, process times, scrap, yield, rework, non-instant availability of resources (queuing), etc.]
- Use work order updates of work completed to make visible time buffer consumption for proper workflow prioritization and proactive planning or corrective actions
- Use “Road Runner” resource behaviors to make more effective use of resources and to increase speed of workflow
- Use VATI Flow Characteristics to identify key flow control points more easily in any workflow
- Identify which types of Planning, Scheduling, and Control actions will positively or negatively affect the performance outcomes of production-managed workflows

TOC for Managing Production is designed for individuals, leadership teams, or organizations who want a more **comprehensive and detailed understanding** **how key management beliefs governing Production workflow management need to be updated to deliver significantly better performance outcomes** [Lead Time, On-Time, Turns, & Cost (Budget)].

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Open programs are scheduled throughout the year. Please visit www.goldratt.com/schedule for more information. This program is also available in a *Hosted* format. For additional information, email agi@goldratt.com or call +1.203.624.9026.

Who Should Attend

- Leaders and individuals at all levels who want to improve their abilities to manage workflows and focus improvement efforts
- Leaders at all levels who want to have an efficient, effective, and competitively positioned business process and production-based workflow management system
- Leaders and individuals who are inspired to innovate
- Senior-level leaders at growth companies which are challenged to scale
- Leaders and individuals who want to make an even greater difference in their careers and their organizations' future

Format

The class is presented **in-person** or **online in a live, virtual Zoom classroom**, with supplemental prerecorded modules. To accommodate our global customers, open programs are scheduled in three time zones: ET (North America), CET (Europe), and SST (Asia Pacific).

Class Times

10am to 4:30pm EDT/EST – Short breaks and lunch are built into each day.

Required Viewing

Module 1: Constraint-Based Decision Making (*this MUST be viewed prior to Day 1*)

- Part One: Product Decisions Based on Business Profitability vs Product Profitability (*24 minutes*)
- Part Two: Capacity Decisions Based on Workflow Management vs Resource Utilization (*30 minutes*)
- Part Three: Improvement Decisions Based on Throughput vs Cost Savings (*16 minutes*)

Required Reading

- *The Goal: The Process of Ongoing Improvement* by Eliyahu M. Goldratt and Jeff Cox

Additional Requirements

Attendees must have a computer on which they have admin rights and can download and install Java-based simulator apps (Mac & Windows compatible), PDF program material, as well as an app to view and mark up PDF files such as **Adobe Acrobat Reader DC** (free - for viewing and marking up material). Bandwidth which meets or exceeds minimum **Zoom** recommendations for audio and high-quality video (600kbps down) or HD video (1.2Mbps down) is optimal.

TOC for Managing Production is both a stand-alone program and a core component of TOC for Workflow Management. As a stand-alone program, it includes Constraint-Based Decision Making, and TOC for Workflow Management – Overview.

Price

US\$995 per seat – live online (Zoom)

US\$1,250 per seat – in-person (Hosted)

Cancellation & Rescheduling Policy

AGI understands that occasionally circumstances require a change in schedule that results in a registrant not being able to attend a program as planned.

If you wish to CANCEL your registration and receive a full refund, you must submit your request via email to agi@goldratt.com at least 30 days prior to the program start date. If you submit your request 15 to 29 days before the program start date, you will receive a refund equal to 50% of the full program fee. If you submit your request within 14 days of the program start date, you are not eligible to receive a refund.

If you wish to RESCHEDULE your registration to a LATER date at no charge, you must submit your request via email to agi@goldratt.com at least 30 days prior to the program start date. If you submit your request 15 to 29 days before the start of the program, you will be charged a change fee of 10% of the full program fee. If you submit your request within 14 days of the program start date, you will be charged a change fee of 25% of the full program fee.

For those who have RESCHEDULED to a later date, and then wish to CANCEL, no refund will be given.

You may RESCHEDULE your *open* registration to an EARLIER date at any time if space is available. There is no fee for this change.

You may REPLACE yourself with another attendee at any time at no charge.

Focus & Direction with Certainty

AGI - Goldratt InstituteSM helps individuals and organizations of all sizes and scopes — from small businesses to large corporations, and across both for-profit and not-for-profit sectors — to achieve their performance goals. Our specialization lies in Constraint-Based Decision Making, TOC Workflow Management, and Systems Thinking Capabilities. These methodologies are not only applied, but are also transferred and sustained via our comprehensive training and consulting support, which promotes application and innovation, aids in implementation and change management, and guides decision support tool selection and adaptation.