



In agreement with TOCICO USA

Delivery Type: Group Live Prerequisites: None Level: Advanced This program gives you 2 Certifications; TOC Fundamentals & Critical Chain Project Management This Program is worth 18 PDU's with PMI

# Certified Critical Chain Project Management

TOC CCPM program is developed by CGR MINDS INC, Canada (Certification by TOCICO - United States)

Select Online Live Training Schedule as per your suitability



All projects have two things in common, High uncertainty and three Different and opposing commitments i.e. Due Date, Budget, & Scope.

Solve all these by adding the 3rd Prospective; Critical Chain Project Mgmt, cuts lead time 20-40%

Winners of TOCICO annual International Achievement Awards and sustained contributors:

- US Marines.
- ABB Co.,
- First Solar & Boeing

# Overview

Much of the work that you do can be organized as a project. The ability to successfully define, plan and subsequently control a project is quickly leaving the realm of the extraordinary and is becoming a core competency for many organizations. Managing a project is not easy and project management skills do not come naturally to many people - even to many "experienced" project managers.

This workshop provides the foundation and the advanced understanding for experienced project managers that have not had prior formal training before. You will not only get certified from the authority in TOC CCPM but gain continuing education credits in your PMI. This is what Qatar deserves the best practices in Project Management.

Public works programs using CCPM are demonstrating cost and time savings of 34%

- State of Utah, Public Works Authority

Theory of Constraints Tapped to Accelerate BP's Gulf of Mexico Oil Disaster Cleanup  
- Pacific Northwest Magazine news Agency



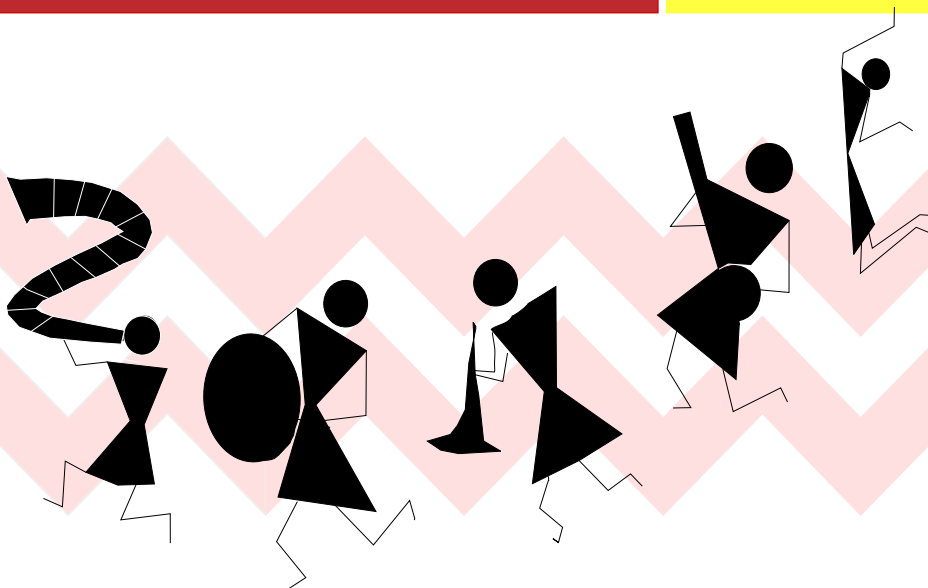
## A comparison of Traditional Project Management versus What You Learn, Critical Chain Project Management :

### Traditional Project Management

1. Schedules worst-case task durations.
2. Protects individual tasks with safety time.
3. Emphasizes task progress.
4. Starts gating tasks ASAP.
5. Starts and finishes tasks at schedules start and finish times.
6. Makes resource contention a PM "fact of life".
7. Makes multi-tasking a PM "fact of life"
8. Reacts to uncertainty by changing priorities, expediting, and creating a new schedule.
9. Makes task linkages and constraints reflect ad hoc or habitual scheduling decisions.

### Critical Chain Project Management

1. Schedules average task durations.
2. Protects overall project completion with buffers.
3. Emphasizes project progress.
4. Starts getting tasks when they need to start.
5. Starts tasks as soon as predecessors are done, finishes tasks as quickly as possible.
6. Resolves resource contentions explicitly.
7. Minimizes multi-tasking by setting priorities.
8. Manages uncertainty by monitoring impact of events on buffer consumption.
9. Makes task linkages and constraints reflect only physical scheduling requirements.



We cut almost 50% out of the cycle time of that tree assembly and we managed to hold onto that gain and continue to improve. That was impressive and we did it in just a matter of weeks.

Robert Houlgrave, the company's Dutch Shell Alliance Manager stated

# Learning Objective

At the end of this workshop, delegates will be able to:

- Learn why projects are Late and Over Budget?
- Learn how to construct a Portfolio of Projects.
- Learn how to control a project portfolio using early detection dashboards.
- Understand how to resolve Resource Contention and how to prioritize intervention.
- Keep a Project on track from the start, delivering projects at a 95% on-time and within budget record.
- Learn the answer to the question "Do we have enough time available to finish the Project."
- Comprehensive understanding of Critical Chain Project Management Principles.
- Resource Loading and Budget Tracking.
- Learn how to reconcile the project budget with the project schedule.
- Understand the level of Risk associated within a project schedule: Both in Planning and Execution.
- Learn how to use Risk Management indicator to mitigate the

Risk in your projects.

- Learn how to leverage your available Resources in order to maximize the Throughput of all projects in your portfolio.
- Learn advanced network modeling techniques including Complex, Agile, SCRUM and Short Duration projects.
- Best Practices: Planning, Scheduling and Executing a Multi Project Portfolio.
- Project Portfolio Management:
  - Deliver Projects in Time, Scope & Budget
  - Define the various aspects of a project
  - Develop an efficient Project Plan
  - Build an appropriate project schedule.

Effectively manage & control Projects through:

- Schedule Management
- Issues & Change Management
- Communication Management
- Risk Management
- Human Resource Management
- Quality & Metrics Management

# Pay-off

300 Construction projects using CCPM got studied



# Lead Trainers



Rick Denison is a CGR Consultant and a TOC Practitioner in the Minneapolis/St. Paul Minnesota. He is an Operations and Logistics Professional with applied knowledge and hands-on experience in leading change in companies through Lean Manufacturing, Six Sigma and Theory of Constraints. This experience has been obtained through 25 years working in industry and consulting in a diverse range of manufacturing environments and products. Rick has a strong background in Process Improvement, Change Management, Project Management, Information Systems Implementation, and Profitability Analysis. Rick has a BS in Business Administration from the University of Wisconsin, River Falls. Rick has been trained as a Jonah by the Goldratt Institute in 1993, as a Six Sigma Black Belt by General Electric in 2003, and TOC Application Expert for Operations and Logistics by Goldratt Schools in 2005. In the past, Rick has served as a TOC Project Manager for an integrated titanium corporation, a TOC consultant and project manager for an advanced profitability analysis software company, systems analyst in several ERP implementations, and has held various leadership and line rolls in manufacturing, engineering, supply chain, production management and production planning. Rick has industry experience in Primary Metals (Steel and Titanium), Circuit Board Manufacturing, Computer Chip Manufacturing, Aluminum Die Casting, Injection Molding, Welded Fabrications (Processing Plant Equipment, Steel Joists), Robotics Integration, Packaging Machinery, Aerospace Assembly, and Farm Machinery. Rick served on the Youngstown APICS Board of Directors and Programs Committee for the Twin Cities Chapter of APICS. He has been a speaker at various APICS events, and Manufacturer's Alliance events on TOC. He has presented at 2012 TOC-ICO international conference, and has several published articles on Information System and Business Process Improvement



Mr. Gerard Char - Managing partner of CGR-MINDS & CGR Group is a recognized expert in developing and implementing powerful strategies that quickly and dramatically improve competitiveness and profitability. With 14 years, of dynamic experience with G7 governments & fortune 500 companies in manufacturing; public works; construction; high-tech; Mining oil & gas; fiscal policy; aerospace & defense. Formerly a Finance and Tax Director at Novasteel and L-3 he was poached than bootcamp trained In TOC from Dr. Cohen and hybrid tools with Dr. Lepore. As a trusted advisor, coach & strategic thinker to many in North America his success has won him numerous awards & recognitions.



Mr. Ramneek Kumar - Managing Director of CGR-MINDS and Minds an education & consultancy Co. specializing in positioning organizations for sustainable growth & academic success. As a prominent and active member of the International Certification Organization (TOCICO) and with more than 22 years of Experience including Implementation & Training in Theory of Constraint applications, including Critical Chain Project Management; Marketing & Sales; distribution etc. He is a body of knowledge & an expert who puts his knowledge to paper. To date he is working on "Breaking the Barrier" a book about the disillusion in project management

# Schedule-in-brief



## 6 - 8 Hrs TOC Fundamental

- ✦ The Five Focusing Steps
- ✦ The Thinking Process
- ✦ Throughput Accounting
- ✦ TOC Generic Solutions
- ✦ Necessary & Sufficient Questions on Technology
- ✦ Strategy & Tactic (S&T) Tree

## 12 - 16 Hrs - Effective Project Planning

- ✦ Project Fundamentals
- ✦ Define, Build Projects
- ✦ Project Scheduling & Budget
- ✦ Project Organization
- ✦ Project Management Process
- ✦ Reservation Session

## 12 Hrs - Guaranteeing Execution of Projects by Managing them

- ✦ Concentrating on lowering uncertainty, various projects Issues
- ✦ The Core Conflict of Projects
- ✦ The direction of solution
- ✦ Safety in realistic estimations
- ✦ Gains not getting transferred
- ✦ Multi Project Environment
- ✦ Multitasking Vicious Cycle and its resolution

## 4 Hrs Project Process & company projects for one-on-one & self Assessment



### Group - 1

05/02/2016	8:00pm - 12:00pm	TOC Fundamentals
06/02/2016	8:00pm - 12:00pm	TOC Fundamentals
12/02/2016	8:00pm - 12:00pm	Effective Project Planning
13/02/2016	8:00pm - 12:00pm	Effective Project Planning
19/02/2016	8:00pm - 12:00pm	Effective Project Planning
20/02/2016	8:00pm - 12:00pm	Guaranteeing Execution of Projects by Managing them
26/02/2016	8:00pm - 12:00pm	Guaranteeing Execution of Projects by Managing them
27/02/2016	8:00pm - 12:00pm	Guaranteeing Execution of Projects by Managing them
28/02/2016	8:00pm - 12:00pm	Project Process & Company Projects for 1 to 1 & Self Assessment

### Group - 2

05/02/2016	9:00am - 6:00pm	TOC Fundamentals
06/02/2016	9:00am - 6:00pm	Effective Project Planning
07/02/2016	9:00am - 1:00pm	Effective Project Planning
07/02/2016	2:00am - 6:00pm	Guaranteeing Execution of Projects by Managing them
12/02/2016	9:00am - 6:00pm	Guaranteeing Execution of Projects by Managing them
13/02/2016	9:00am - 1:00pm	Guaranteeing Execution of Projects by Managing them
14/02/2016	2:00pm - 6:00pm	Project Process & Company Projects for 1 to 1 & Self Assessment

#### Please Note:

a. All above mentioned time is (UTC + 5:30), b. Groups are starting from February 5th and new groups are started every 4th day after 5th February.

# Registration Form



Name of the organization/ individual

Address for Invoicing

Phone Number  Fax Number

Industry Type  Web Site

Srl No.	Delegate Name		Designation	Email	Mobile No.
	First Name	Last name			
1					
2					
3					
4					
5					
6					

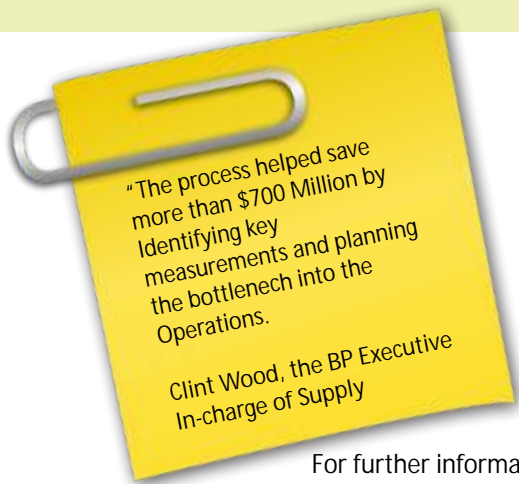
Fees per delegate USD 180 per person for all sessions

Group Discount 25% per person (for minimum 5 delegates),

Group Discount 30% per person (for minimum 5 + delegates) Special Student Ticket Rate: USD 150



Attendees: Please write to [info@cgrminds.com](mailto:info@cgrminds.com) or [admin@mothersisland.asia](mailto:admin@mothersisland.asia)  
Email your filled scanned application form



For further information about TOCICO Critical Chain Project Management Training and Certification contact us at

Coordinates:

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