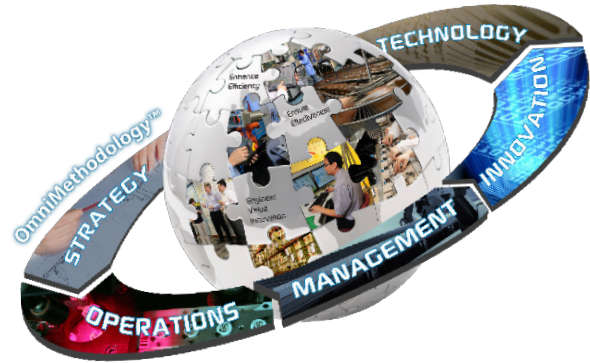


# WSQ in Operations Management Innovation - Lean Improvement Towards Excellence (WSQ OMNI-LITE) Programme

## Course Introduction

The WSQ OMNI-LITE programme is a joint initiative by the Singapore Institute of Manufacturing Technology (SIMTech), and the Singapore Workforce Development Agency (WDA). The objective is to train key personnel from manufacturing and service sectors, to be productivity champions who can help their companies achieve operational excellence.



The programme is based on the highly successful WSQ OMNI programme, which has helped many companies to achieve productivity improvements ranging from 20% to 200%. The programme consists of 10 half-day sessions (6 classroom sessions and 4 on-site mentoring) spread over 1 month. The classroom sessions combine knowledge sharing of key theories, concepts, frameworks, methodologies, tools and techniques; with interactive in-class discussions and hands-on exercises to reinforce the learning. The on-site mentoring sessions involve experienced SIMTech consultants going on-site to the companies for four half-day, 1-on-1 consultation sessions to assist and guide them on the use of the OmniMethodology™ and the implementation of productivity improvement initiatives through a project work.

## For Whom

This programme is relevant to management, senior staff in supply chain, procurement, logistics, inventory & warehouse management, manufacturing, production, engineering, industrial engineering, operations management and retail services.

## Why WSQ OMNI-LITE Programme?

Designed with the needs of the SMEs in mind, the programme will equip the participants with the necessary knowledge and tools to systematically use OmniMethodology™ so as to accelerate their companies' journey to achieve a lean state of operation. WSQ OMNI-LITE is one of the strategic manpower development programmes developed in support of the Lean Enterprise Development Scheme (LEDS) by the Ministry of Manpower (MOM).

Key Features	OMNI	OMNI-LITE
<b>Classroom</b>	10 half-day within 5 weeks	6 half-day within 3 weeks
<b>Mentoring</b>	3.5 months	2 weeks
<b>Total Duration</b>	4 to 5 months	1 to 1.5 months
<b>Course Fees (after funding)</b>	Non-SMEs: \$5,400 SMEs: \$1,800	Non-SMEs: \$1,800 SMEs: \$600
<b>Outcomes</b>	80% of coys with at least 10% productivity gains	

## Course Outline

1. Understand the fundamental concept of operations improvement and productivity
2. Understand the important link between business competitive strategy, operations improvement and productivity
3. Understand and apply the approach to measure the performance
4. Understand and apply the techniques and tools
5. Understand and apply the OmniMethodology™

## About the Course Leaders



**Dr Roland Lim** has been a researcher and practitioner in the fields of operations management, manufacturing and supply chain strategy, analysis & design, productivity planning & implementation methodology for over 25 years. He has an Engineering Doctorate degree, a Master of Science degree, and a Bachelor of Engineering degree. His working experience with industry has enabled him to gain extensive knowledge of the best practices and solutions to tackle the operations management, manufacturing, and supply chain challenges of SMEs and MNCs in Singapore.



**Mr Toh Ming Hon** is a Senior Consultant who has been mentoring many companies for the OMNI Programme. He has trained many Productivity Champions to develop productivity initiatives, and implement through productivity execution method. Prior to that, he has successfully led one MNC in Singapore, with 10,000 productivity improvements implemented per year, achieved more than 100% productivity gain. He holds Honours Degree in Electronic & Electrical Engineering, a Postgraduate Diploma in Business Administration and a Master of Business Administration.



**Mr Ma Bin** is a Senior Research Engineer with over 25 years of industrial and research experience. His technical expertise covers Operational Excellence Capability Assessment, Manufacturing Operations Management, Value Chain Study and Analysis, Supply Chain Performance Measurement, and Multiple Project Resource Planning & Optimization (1 patent). He has helped many companies to improve operations and productivity. He won A\*STAR 2014 STAR Employee Award, A\*STAR Borderless Award and Ministry of Transport's Merit Award in 2010. He holds a Bachelor of Engineering degree in Computer Software and Master of Technology degree in Knowledge Engineering.



**Mr Gan Chin Wei** is a Senior Research Engineer and Lead Mentor for OMNI Programme. He has led consulting projects with over 30 companies using the OmniMethodology™ resulting in significant productivity gains. His field of expertise lies in operations management, simulation for space optimization. In the area of project management and execution, he is highly proficient in Lean techniques such as 5S, PDSA, A3 report, Kaizen Event Planning, & Value Stream Mapping. He has a Master of Science in Engineering Management and a Bachelor of Science in Biomedical Engineering.

## When and Where

Commencement Date : Please refer to website for class schedule

Course Duration : 1-month part-time course, consisting of 6 half-day sessions and 4 on-site mentorship sessions. All session are held during working hours.

Venue : Singapore Institute of Manufacturing Technology  
2 Fusionopolis Way, #08-04  
Innovis, Singapore 138634  
(training room information to be confirmed later)

## Course Fee

- The fee for this module is \$6,000 before WDA funding and GST.
- Singaporeans and Permanent Residents are entitled to enjoy WDA funding of **70%** of the course fee
- Enhanced SME funding support of **90%** of the course fee available for companies with at least 30% local shareholding AND annual sales turnover of <\$100 million or with less than 200 staff strength
- Singaporeans over 40 year-old are entitled to enjoy WDA funding for **90%** of course fee

Developed by:



Supported by:



Funding agency:



For technical information, please email **Mr Ma Bin**: [bma@SIMTech.a-star.edu.sg](mailto:bma@SIMTech.a-star.edu.sg)

For general enquires and course registration, please email: [info@waf.org.sg](mailto:info@waf.org.sg)

\* For more information, please visit <http://kto.SIMTech.a-star.edu.sg>