

Course Fee and Funding

- The course fee for each individual module is S\$6,000 before SkillsFuture funding & GST.
- All Singaporeans and Permanent Residents aged 21 years and above can enjoy SkillsFuture funding of up to **70%** of the course fee.
- Singaporean or Permanent Resident employees fully sponsored by SMEs can enjoy SkillsFuture funding support of up to **90%** of the course fee under the **Enhanced Training Support for Small & Medium Enterprises (SMEs)** scheme, subject to eligibility criteria.
- Singaporeans aged 40 years and above can enjoy SkillsFuture funding of up to **90%** of the course fee under the **Mid-career Enhanced Subsidy (MCES)**.
- Singaporeans aged 35 years and above with earnings not more than S\$2,000 per month can enjoy SkillsFuture funding for **95%** of the course fee under the **Workfare Training Support (WTS)** scheme.
- Singaporeans aged 25 years old and above are eligible for **SkillsFuture Credit** which can be used to offset course fees (for self-sponsored registrations only).

For more information about the funding, please visit SkillsFuture Singapore website at www.ssg.gov.sg

Implementation of Productivity Improvement Projects

* Up to 50% funding on the cost of implementation from e2i, subject to e2i's approval. The project must benefit both the company and the employees.



Operations Management Innovation (OMNI) Programme

The Skills Framework Operations Management Innovation (OMNI) Programme is a joint initiative by the Singapore Institute of Manufacturing Technology (SIMTech), a research institute of the Agency for Science, Technology and Research (A*STAR) and the SkillsFuture Singapore (SSG) Agency. The objective is to train key personnel - engineers, managers and senior staff of companies to be technology innovators to achieve manufacturing excellence. This is accomplished by promoting the use of operations management techniques and technologies that support a company's strategy. This will ensure that operations improvement are both *effective* (align to company's strategy) and *efficient* (achieve productivity gains).

About the Operations Management Innovation (OMNI) Programme



The programme offers a proven Operations Management Innovation methodology (OmniMethodology™) based on R&D, proven through highly successful applications in various sectors of the manufacturing industry. It consists of two parts: **classroom training and mentorship**.

The classroom training focuses on transferring knowledge in operations management and use of this methodology. The mentorship reinforces the classroom learning by applying the said methodology in the student's company. At this on-site training, the participant will identify operations improvement areas, generate suitable initiatives and develop implementation action plan that are based on productivity improvements, mentored by SIMTech's trainers.

With support from:



Uniqueness of the Skills Framework OMNI Programme

As operations management is a continuous improvement process, this programme equips participants with the necessary knowledge and skills, to systematically use the OmniMethodology™ to continuously improve the effectiveness and efficiency of the companies' operations. This is similar to ensuring that companies can use this methodology to 'fish' for a life-time rather than be provided with fish for a day.

Who Should Join

This programme is relevant for:

- Management officers/directors
- Supply chain/procurement/logistics managers and senior staff
- Inventory/warehouse management managers and senior staff
- Manufacturing/production/engineering managers and senior staff
- Industrial engineering managers and senior staff
- Operations management managers and senior staff

The two course modules are:

- Apply Operations Improvement Fundamentals
- Improve Operations Action Plan using OmniMethodology™

Module 1 | Apply Operations Improvement Fundamentals (40 hours)

Skills Standard: Develop Operational Plans to Meet Operational Targets

Skills Course Reference Number: CRS-Q-0030972-PRE

This module provides the necessary fundamental knowledge and concepts needed to understand operations management by introducing key concepts in operations improvement and productivity through:

- Alignment of operations improvement to a company's strategic intent,
- Assessment of the performance of operations improvement based on productivity measurements,
- Methods, tools and technologies that can be used to improve operations improvement, and
- Application of the Operations Management Innovation methodology (OmniMethodology™) as a systematic approach to operations improvement that are effective and efficient.

On completion of this module, participants will be ready to embark on an on-site company training mentored by SIMTech's trainers using the OmniMethodology™. This is the first step towards becoming a technology innovator of a company.

Module Outline

- Understand the fundamental concept of operations improvement and productivity
- Understand the important link between business competitive strategy and operations improvement and productivity
- Understand the approach to measure the performance of operations improvement and productivity
- Understand the techniques and tools for operations improvement
- Understand the operations management innovation methodology



Module 2 | Improve Operations Action Plan Using OmniMethodology™

(On-site Mentorship) (40 hours)

Skills Standard: Evaluate Operational Performance using OmniMethodology™

Skills Course Reference Number: CRS-Q-0030942-PRE

This module trains participants to evaluate and identify operations improvement areas and set performance objectives. This is done using the OmniMethodology™ as a systematic approach to operations improvement that is both effective and efficient. This module leverages on the knowledge learned in "Apply Operations Improvement Fundamentals". The training will be company-based, with both on-site company sessions and scheduled review sessions.

Upon completion of this module, the participants will be ready to embark on the identification of suitable initiatives that can help the company improve its operations, achieve its competitive strategy and performance targets identified. This is the second step towards becoming a technology innovator of a company.

Module Outline

- Identify activity landscape
- Identify operations improvement areas
- Assess current productivity of operations improvement areas
- Consolidate business strategy, objectives, improvement areas, and productivity



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 Principal 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 & Optimisation. 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.