

Course Fee and Funding

- The course fee for each individual unit is S\$6,000 before course fee funding and GST.
- All Singaporeans and Permanent Residents aged 21 years and above can enjoy course fee funding of up to **70%** of the course fee.
- Singaporean or Permanent Resident employees fully sponsored by SMEs can enjoy course fee 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 course fee funding of up to 90% of the course fee under the **SkillsFuture Mid-career Enhanced Subsidy (MCES)**.
- Singaporeans aged 35 years and above with earnings not more than S\$2,000 per month can enjoy course fee 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 more information about the course fee funding, please visit 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.



Workforce Skills Qualifications (WSQ)

Operations Management Innovation (OMNI) Programme

The Workforce Skills Qualifications (WSQ) 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 WSQ 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 WSQ 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 three course units are:

- Understand Operations Improvement Fundamentals
- Improve Operations Action Plan using OmniMethodology™
- Develop Action Plan using OmniMethodology™

Unit 1 | Understand Operations Improvement Fundamentals (40 hours)

This unit 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 unit, 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.

Unit 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



Unit 2 | Improve Operations Action Plan Using OmniMethodology™ (On-site Mentorship) (40 hours)

This unit 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 unit leverages on the knowledge learned in "Understand Operations Improvement Fundamentals". The training will be company-based, with both on-site company sessions and scheduled review sessions. Upon completion of this unit, 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.

Unit Outline

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



Unit 3 | Develop Action Plan Using OmniMethodology™ (On-site Mentorship) (40 hours)

This unit trains participants to generate operations improvement initiatives and develop implementation action plan for identified improvement areas. This is done using the OmniMethodology™ as a systematic approach, and is a continuation of the "Improve Operations using the OmniMethodology™" unit. The training will be company-based, with both on-site company sessions and scheduled review sessions.

Upon completion of this unit, participants will be ready to play the role of innovators in the company, to continuously identify, evaluate and develop action plans for operations improvement using the OmniMethodology™.

Unit Outline

- Generate operations improvement initiatives
- Calculate operations improvement productivity performance
- Prioritise operations improvement initiatives
- Develop implementation action plan

