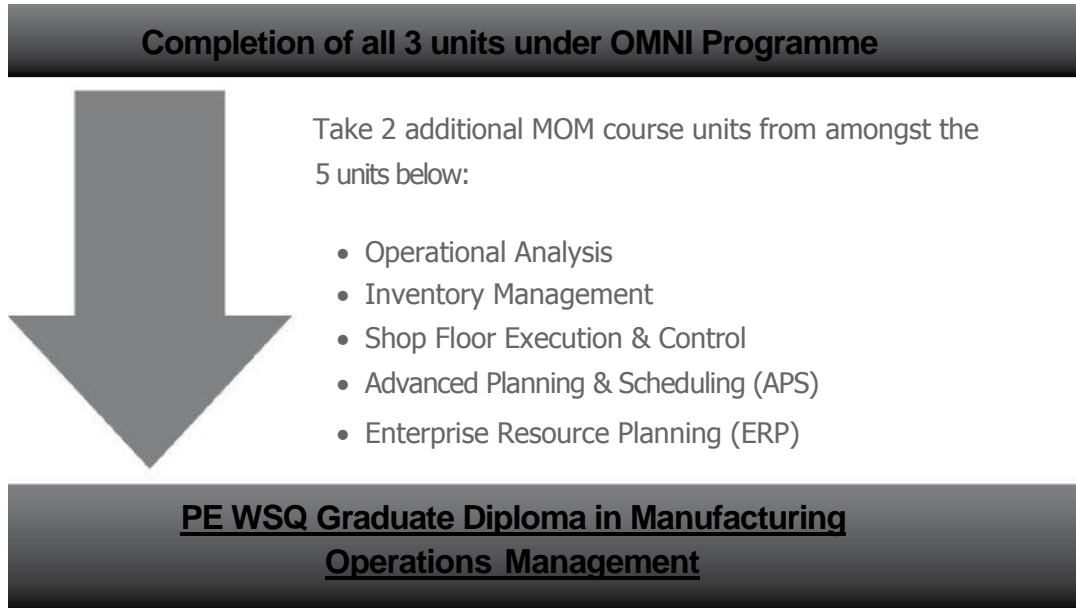


Graduate Diploma Option

In addition, if a participant further completes any 2 units offered in the PE WSQ Manufacturing Operations Management (MOM) Graduate Diploma course, the participant can also obtain a Graduate Diploma in Manufacturing Operations Management (MOM). Further details are available at <http://kto.SIMTech.a-star.edu.sg>



Course Duration

- Part-time course consists of 3 competency units
- Classroom training consists of 10 half-day sessions of classroom training, conducted over a three to five weeks period
- Mentorship consists of both scheduled and ad-hoc supervised sessions at company and SIMTech, over a three and a half month period
- All sessions are held during working hours

Course Fee

- Up to **90%** funding from WDA for sponsored Singaporeans and Permanent Residents from eligible SME. Participants pay nett fee of \$1,800 (before GST).
- Up to **70%** funding from WDA for sponsored Singaporeans and Permanent Residents from non-SME. Participants pay nett fee of \$5,400 (before GST).

Implementation of productivity improvement projects

* Up to 50% funding on the cost of implementation from e2i. The project must benefit both the company and the workers.

* With support from:



Contact Us

For Course Enquiry:

The Singapore Institute of Manufacturing Technology
Mr Ma Bin
Tel: (65) 6793 8441

For Registration:

Electronics Industries Training Centre
Tel: (65) 64832535
Email: emarketing@elirc.com | elirc@singnet.com.sg

PE Workforce Skills Qualification (WSQ) Operations MaNagement Innovation (OMNI) Programme

This PE 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 Singapore Workforce Development Agency (WDA). 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 PE 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.



Developed by:



Sponsor:



Partner:



Uniqueness of the PE 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 3 course units are:

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



Unit 1: Understand Operations Improvement Fundamentals

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



Unit 2: Improve Operations using the OmniMethodology™ (on-site mentorship)

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 the OmniMethodology™ (on-site mentorship)

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