

Key Benefits

- (1) To deepen their understanding of the Japanese way of thinking in production management and effective production systems in Japan that are necessary to enforce effective production activities.
- (2) To deepen their understanding of the operational procedure in production management techniques in order to establish the production site base necessary for introducing/implementing a higher level production management system such as Toyota Production System (TPS) and energy conservation activities in Japan.
- (3) To become able to improve their ability to formulate concrete plans to implement and promote management techniques in a way that is suitable for their company or department.

Target Participants

Managers or supervisors who are engaged in production management, productivity enhancement, and/or factory management and the like in the manufacturing industry.

Language

All lectures, discussions, company visits and exercises will be conducted in English or Japanese with translation into English.

Course Features and Contents

[First Step]

Participants will overview the current situation of the manufacturing industry in Japan and understand the way of thinking of “*Monozukuri*” or manufacturing of Japan, and understand the production management and the activities for environment in Japanese companies.

**Monozukuri*, a combination of the words Mono (thing) and Zukuri (process of making), has a deeper meaning than its literal meaning in Japanese. *Monozukuri* means having the spirit to produce excellent products and the ability to constantly improve a production system and process.

[Second Step]

Participants will study the means essential for productivity improvement such as 5S, Visual Management and Toyota Production System (TPS), and will learn various practical management tools to make improvements in quality and productivity and energy conservation through lectures and exercises. Then, participants will study concrete methods of how to implement energy conservation practiced in Japanese manufacturing industries.

[Third Step]

Based on the results of the lectures, observations during company visits and discussions, participants will grasp the problems that hinder the quality and/or productivity level of their respective companies and summarize the tasks on how to introduce, implement and promote the Japanese production management methods and energy conservation activities learned throughout the program within their companies, in order to solve those problems. On the final day participants will make a presentation on action plans to accomplish these tasks in their companies or departments.

Tentative Schedule

Date	Morning Session	Afternoon Session
19 Feb. (Mon)	Orientation Opening Ceremony	LECTURE: The Current Situation of Manufacturing Industries in Japan and Their Competitiveness
20 (Tue)	LECTURE: Outline of the Major Components of TPS - Management of Quality, Cost and Delivery (QCD) / Method, Material, Machine and Man (4M) Just-In-Time, “JIDOKA”, “KAIZEN” activities, etc.	
21 (Wed)	LECTURE: Japanese Companies’ Activities for Environment	COMPANY VISIT: Case Study of Production Management in Japanese Manufacturing Company
22 (Thu)	LECTURE & EXERCISE: Productivity Improvement through 5S, Kaizen and Elimination of Waste (Muda)	
23 (Fri)	VISIT/EXERCISE: Practical Exercises in TPS Dojo -Just-In-Time and “JIDOKA” - Measuring Cycle Time and Setting “Takt” Time “KAIZEN” Practices by Groups	
24 (Sat)	Days off	
25 (Sun)		
26 (Mon)	Study Tour	COMPANY VISIT: Case Study of Energy Conservation
27 (Tue)		COMPANY VISIT: Case Study of Productivity Improvement and Kaizen Activities
28 (Wed)	LECTURE & EXERCISE: Quality Assurance and Quality Control on the Production Floor -Concept of Quality Control, problem solving with QC story	
1 Mar. (Thu)	LECTURE & EXERCISE: Energy-Saving Activities at Production Sites	
2 (Fri)	Final Report Presentation	Closing Ceremony

- Part of the participation expenses will be covered by subsidy from the Japanese government -

Visit http://www.aots.jp/jp/ikusei/management/files/17pitp_e.pdf  
for the Program Outline and Participation Requirements



E-Mail

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Program Outline

Application Deadline: 9 January 2018 (Tue)