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ITE and PSA Launched *Specialist Nitec* Course

Initiative to provide structured course for ITE graduates to sharpen their skills in port equipment

As part of their commitment to the enhancement of port specialists' skills, ITE and PSA Singapore launched a new ***Specialist Nitec in Port Equipment Drives and Spreader Controls*** course. Through this course, ITE graduates in the workforce can deepen their skills and knowledge in advanced port equipment.

Designed to build on the foundational skills gained from relevant ITE's *Nitec* and *Higher Nitec* courses, the new *Specialist Nitec* course will train ITE graduates in specific areas of specialisation within the industry and enable them to deepen their skills.

The six-month course, which comes under ITE's Continuing Education & Training framework, will be conducted by qualified trainers at PSA Singapore. Through this course, technical specialists will be trained to diagnose and rectify faults in port equipment drives and spreader controls.

The curriculum was jointly developed by ITE and PSA, and will comprise 60 per cent practical training and 40 per cent theory lessons. The course was launched on 11 April with 10 selected PSA employees who are ITE graduates. They will continue to receive their salaries during the course. More details on the course can be found in [Annex A](#).

Strong Industry Involvement Vital to Skills Deepening

The new *Specialist Nitec* course is the result of strong collaboration between ITE and PSA. ITE recognised PSA as an Approved Training Centre in 1981, and since then, PSA has worked closely with ITE to train skilled talents for the maritime industry. In 2014, ITE also signed a Memorandum of Understanding with PSA to collaborate in port operations and technology-related training and development for ITE staff and students. To date, PSA has partnered ITE to provide in-house training for nine ITE courses relevant to the maritime and port operations industry.



Of the new course, Ms Low Khah Gek, CEO, ITE said, “Strong industry involvement is vital to developing a highly-skilled workforce. This new course is an excellent example of how industry can partner us to co-create mutually-beneficial programmes to build our graduates’ long-term careers with the companies.”

Mr Ong Kim Pong, Regional CEO, Southeast Asia, PSA International said, “ITE has been an important strategic partner for PSA. With the fast-moving trend to embrace intelligent and automated technologies, this new course aptly fulfils the Skills Future needs as well as means to increase the Productivity of our Port. Besides that, our existing staff who are ITE graduates can take the opportunity to upgrade their skill sets and keep pace with the contemporary technologies that are coming on stream in the market.”

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About ITE

The Institute of Technical Education (ITE) is a post-secondary education institution established in **1992** under the Ministry of Education. As a principal provider of career and technical education, and a key developer of national occupational skills certification and standards, ITE's **Mission** is to create **opportunities** for students and adult learners to acquire skills, knowledge and values for employability and lifelong learning. ITE's **Vision** is to be A **Trailblazer** in Career and Technical Education. Our **Values** are **Integrity, Teamwork, Excellence** and **Care**. ITE comprises the ITE Headquarters and three ITE Colleges - College Central, College East and College West.

About PSA Singapore

PSA Singapore, a fully-owned subsidiary of PSA International, operates the world’s largest container transshipment hub in Singapore, linking shippers to an excellent network of major shipping lines with connections to 600 ports globally. Shippers have access to daily sailings to every major port in the



world at this mega hub. Its excellence in port operations has consistently been recognised by the shipping community. In 2016, it was voted the “Best Container Terminal (Asia)” at the Asian Freight, Logistics and Supply Chain Awards. PSA Singapore Terminals handled 30.59 million TEUs of containers in 2016. Visit us at www.singaporepsa.com and www.facebook.com/singaporepsa.

Annex A

SPECIALIST NITEC IN PORT EQUIPMENT DRIVES AND SPREADER CONTROLS

Course Objective

To train technicians to diagnose and rectify faults in port equipment drives and spreader controls by carrying out diagnostic, rectification and maintenance activities to ensure the effective and safe operation of equipment.

Duration

Six months

Venue

PSA

Course Structure

Module	Curriculum Hours		
	Theory	Practical	Total
*Generic Module			
1. Supervise Safe Lifting Operations	32	-	32
Core Modules			
2. Spreaders Maintenance	26	59	85
3. Crane Drives Maintenance	12	28	40
4. Advanced Crane Drives Maintenance	26	59	85
Total	96	146	242

**The Generic module is the Supervise Safe Lifting Operations course accredited by the SkillsFuture Singapore. Participants are required to pass the generic module before registering for this Specialist Nitec course*

Entry Requirement

The course is open to PSA employees who are graduates of these courses:

- Nitec in Mechanical Technology
- Nitec in Automotive Technology
- Nitec in Electrical Technology
- Nitec in Electronics
- Nitec in Mechatronics



- *Nitec* in Port Equipment Technology
- *Higher Nitec* in Mechatronics Engineering
- *Higher Nitec* in Electrical Engineering
- *Higher Nitec* in Mechanical Engineering
- *Higher Nitec* in Electronics Engineering