

## BENEFITS AT A GLANCE



Full time employment with an established complex equipment company



Skills deepening through structured OJT and facilitated training



Career advancement

“ Engineering is at the forefront of innovations that change the world. Applied Materials is committed to developing local talents and we believe the PCP provides the platform for professionals looking to leverage their learning agility to reskill themselves for a meaningful career in Engineering. ”

*Mr Russell Tham  
Corporate Vice President and Country President  
Applied Materials (SEA)*



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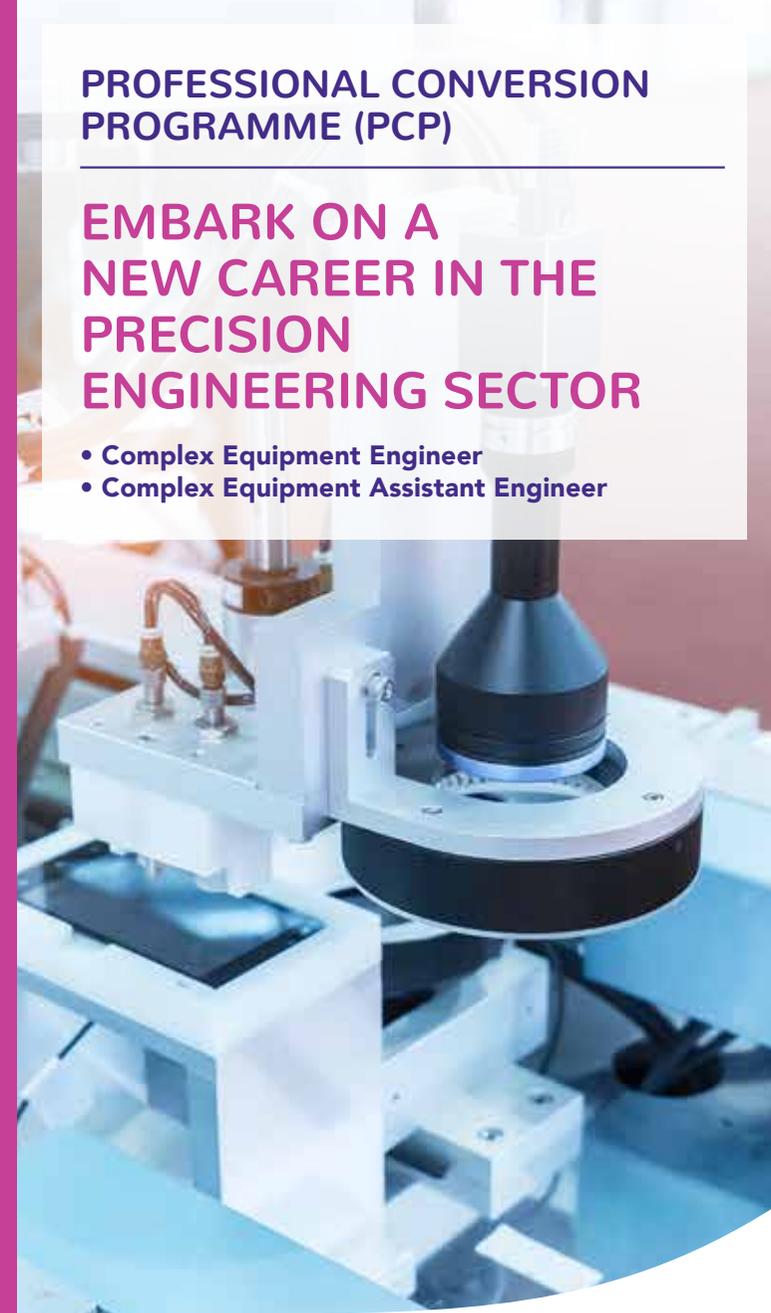
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[www.wsg.gov.sg/pcp](http://www.wsg.gov.sg/pcp)

## PROFESSIONAL CONVERSION PROGRAMME (PCP)

### EMBARK ON A NEW CAREER IN THE PRECISION ENGINEERING SECTOR

- Complex Equipment Engineer
- Complex Equipment Assistant Engineer

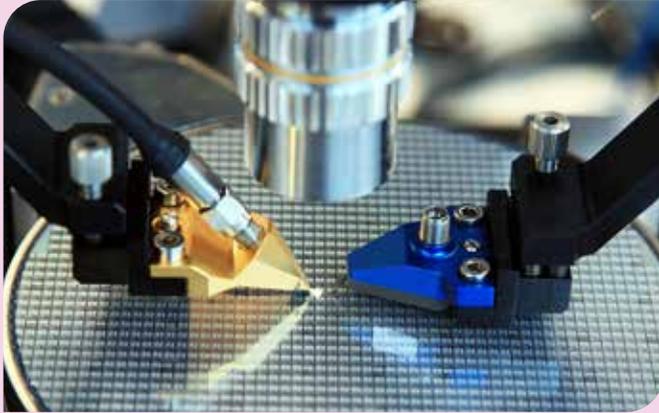


A programme of



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# SECTOR OVERVIEW



The Precision Engineering (PE) industry is an important pillar of the Singapore economy, both as an industry vertical and as an enabler of the manufacturing sector, serving key industries such as aerospace, electronics, marine and offshore, medical technology, and oil & gas.

In 2015, the PE industry accounted for approximately 10.6% of Singapore's total output in manufacturing, around 13.3% of total value added and employed about 23% of the manufacturing workforce. The PE industry is made up of two main sub-sectors, namely, the Machinery & Systems and Precision Modules & Components.



**Contributes to 35%**  
of PE industry by VA



**Highest VA/Worker**  
CAGR at **10.8%**

The Complex Equipment sub-sector consists of equipment manufacturers for semiconductor, test & measurement, light emitting diode, additive manufacturing and machine tools. It contributes to 35% of PE industry by Value Added (VA), and has the highest VA/Worker Compound Annual Growth Rate (CAGR) at 10.8%.

# PLAN AHEAD

## CAREER OPPORTUNITIES

The Professional Conversion Programme (PCP) helps jobseekers reskill and acquire the necessary knowledge and competencies to take on new jobs in the Precision Engineering sector.

### Positions Available

Complex Equipment Engineer and Assistant Engineer could specialise in various technical areas such as electronics & mechanical design, automation, reliability, software/firmware programming, process engineering and system support.

### Salary Range



Complex Equipment Engineer  
**\$3,800 - \$5,900**



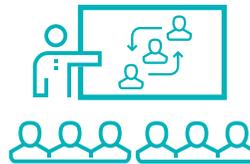
Complex Equipment Assistant Engineer  
**\$2,600 - \$3,800**

### Participating Organisations

Some of the biggest Complex Equipment Manufacturers who are participating in this PCP include:

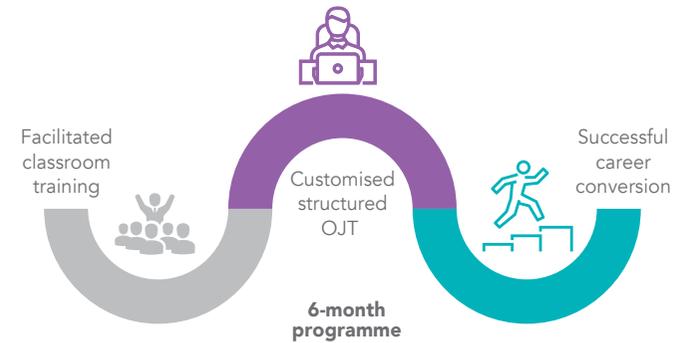
- Applied Materials
- ASM Pacific Technology
- KLA Tencor

### Career Progression



The industry provides many career progression opportunities as senior engineer and chief engineer through the technical pathway, or as section manager and manager through the managerial pathway.

# PROGRAMME STRUCTURE & CERTIFICATION



The PCP for Complex Equipment Engineer/Assistant Engineer is a 6-month programme which operates on a Place-and-Train mode.

Participating companies employ the candidates before they undergo facilitated training and structured On-the-Job Training (OJT) as mapped out by the company's learning and development roadmap.

Customised programmes are designed for different job roles, which are further tailored to individual's development needs so as to equip them with the relevant skills and competencies for a successful career conversion.

## ELIGIBILITY

Participants must fulfil the following criteria:

- ✓ Be a Singapore Citizen or Singapore Permanent Resident;
- ✓ Be a newly hired PMET and nominated by an eligible participating company for the PCP;
- ✓ Have graduated or ORD for at least 2 years;
- ✓ Not be in a similar job role prior to joining PCP and have at least 2 years of working experience; and
- ✓ Expected to hold minimum diploma or equivalent.