



EDUK8U
Upskilling | Reskilling

**WORK
READY
ASIA**

CERTIFIED SEMICONDUCTOR LINE SPECIALIST TECHNICAL PROGRAMME



OUR CEO'S MESSAGE

Welcome to WorkReady Asia as part of Eduk8u Grad School Asia (EGSA).

I am delighted to introduce you to our Certified Semiconductor Line Specialist Technical Programme aligned to leading multi-national Semicon businesses.



A line specialist or technical operator within the semiconductor electronics manufacturing sector is a role that is pretty broad in nature and often uses a blend of technical and mechanical skills to do their job.

Semiconductors must be kept completely clean and free of foreign materials and impurities because the products are so small that they can be damaged by a particle of dust. Therefore, semiconductor line specialists or technical operators work in clean rooms that are filtered to have as little as one particle of dust in a cubic foot of air.

A line specialist or technical operator must wear special uniforms and lightweight garments often called “bunny suits,” over their clothes to keep lint or other particles from contaminating the cleanroom. The work pace in cleanrooms and the production floor is very specific that requires high levels of attention. Workplace safety standards and 5S practices are mandatory and this daily routine ensures the quality of work and performance.

This unique 4-week programme is designed to upskill you to enter the world of Semiconductor manufacturing within a multinational company. Future opportunities with your career path exist with roles such as supervisor, technicians, senior supervisors and management. Now is your time to work towards establishing your career in semiconductor electronics manufacturing.

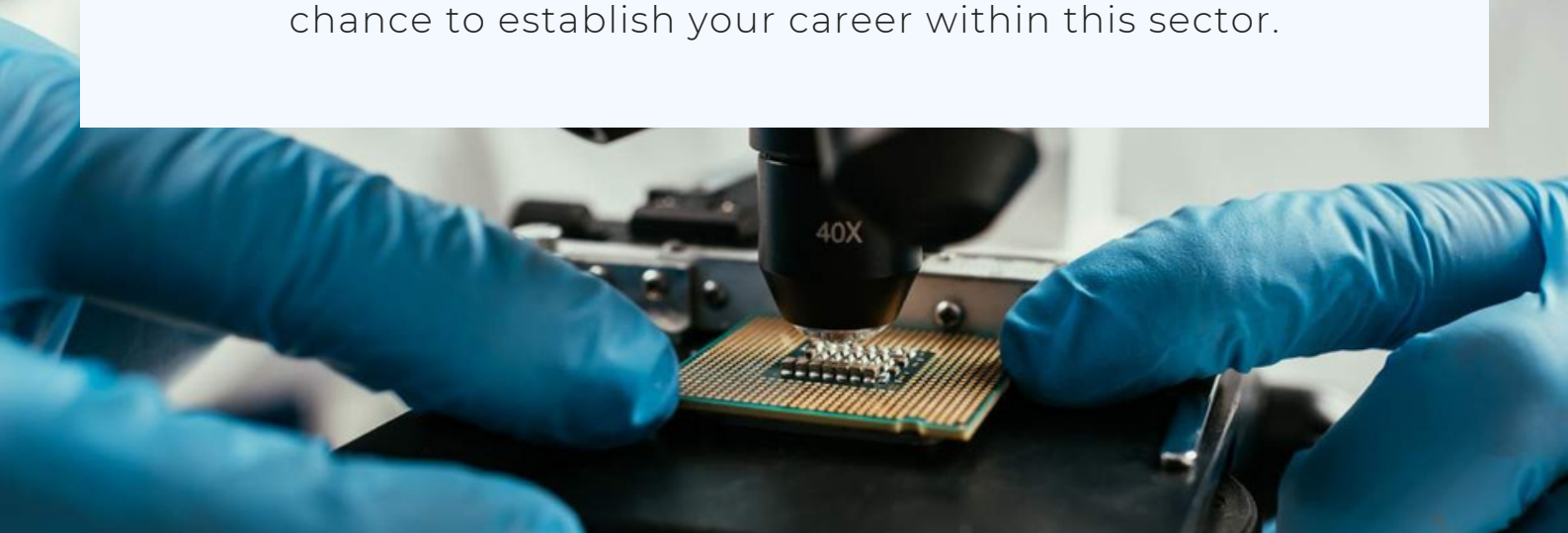
A handwritten signature in black ink, appearing to read 'Roy Prasad', written in a cursive style.

DR. ROY PRASAD (FInstAM)

**IUKL Honorary Professor
Group Chief Executive & Founder
VirtuePayz Outsourcing | EDUK8U Grad
School Asia**

BECOME A SEMICONDUCTOR INDUSTRY READY PRODUCTION STAFF

By doing this programme, you get to discover the semiconductor industry, how emerging digital technology such as 5G is fuelling its growth, and what its future looks like. From smartphones to cars, manufacturers in the semiconductor industry are ramping up to meet the world's increasing demand for chips. This is your chance to establish your career within this sector.



This Programme Is For:

- SPM leavers
- Politeknik students
- Persons seeking a career in Electronics production

ABOUT THIS PROGRAMME

What makes our programme stand out?

#1 You want a career with a Multinational

With Work Ready Asia Programme, your opportunity opens up to work with multinational semiconductor electronics manufacturers in various countries such as: Having an international career is an inherent part of one's career journey. Whether it is through job rotations, international travel, if you want to become a global citizen in electronics manufacturing, Work Ready Asia will open many doors for you.

#2 Join a group with a unique mindset

Our group has a strong business culture, summed up in its founding values: For almost a century, they have allowed us to reconcile boldness with a caring attitude and winning new markets with a partnership-based approach. Joining us means identifying with these values and committing to implement and promote them in your everyday working life.

#3 Develop your skills

Our employees benefit from continuous tailored training throughout their professional journeys in order to enhance and facilitate their career development. Discover amazing career opportunities. Because we are a global group, with a presence at every link in the energy value chain, numerous functional and international opportunities are open to you.



PROGRAMME UNITS

- RBA Awareness - Ethics Governance & Compliance for Semiconductor industry
- Electronics Manufacturing Production & Process
- Health and Safety standards at the workplace
- HR Standards of Employee Behavior
- 5S to Improve Productivity
- Assessments & Role Plays
- QA (Quality Assurance) / QC (Quality Control).



“

Our greatest weakness lies in giving up.
The most certain way to succeed is
always to try just one more time.

- Thomas A. Edison



PROGRAMME LEARNING OUTCOME

Health and Safety standards at the workplace

Objectives & Outcomes

- 1.Understand hazards within the working environment to reduce the risks of harm to themselves, other people, the organization and the environment.
- 2.Understand the different levels of risk and hazard that are present in the working environment.
- 3.Understand how to take the appropriate action to reduce the risks of harm to you, other people, the organization and the environment

Understanding of wet line electronics manufacturing processes and production

Objectives & Outcomes

- 1.Understanding key components for Front-end processes such as Photomasking, Etching, Laser drilling, Diffusion, Ionic Implantation, Metal Disposition and Passivation.
- 2.Understanding key components for back-end processes such as dust-free room environment, final visual inspection, packaging and shipping.
- 3.Understanding the importance of wet line manufacturing key contributors and measurement checklists for a line specialist role.



PROGRAMME LEARNING OUTCOME

Production quality assurance and control

Objectives & Outcomes

- 1.Explain the different meanings of the quality concept processes and requirements within electronics manufacturing.
- 2.Describe, distinguish and use the industry techniques and implemented quality management tools.
- 3.Identify the elements that are part of the quality measuring process in the industry.
- 4.Understand methods of observing and notifying the errors in the measuring process, distinguishing its nature and the root causes.
- 5.Understand the company justification on whether or not a measuring process fulfils the established quality requirements.

5S to Improve Productivity

Objectives & Outcomes

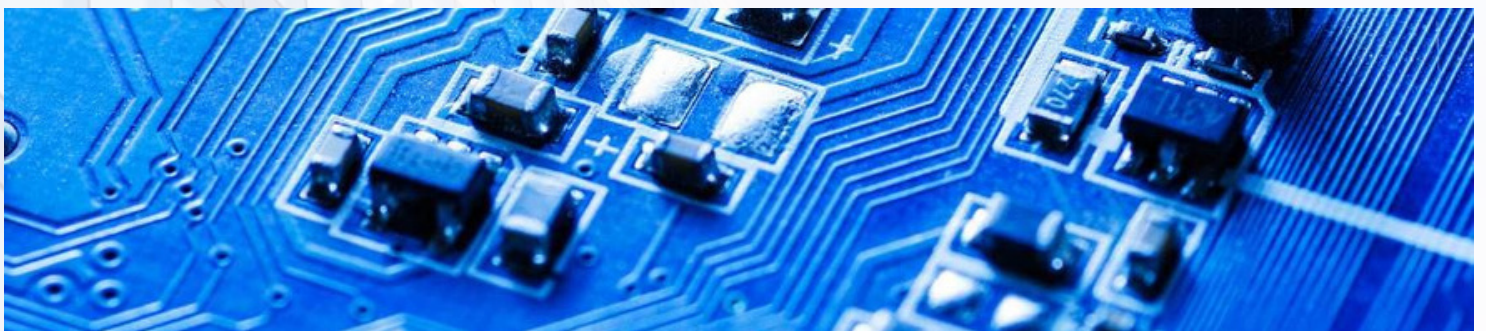
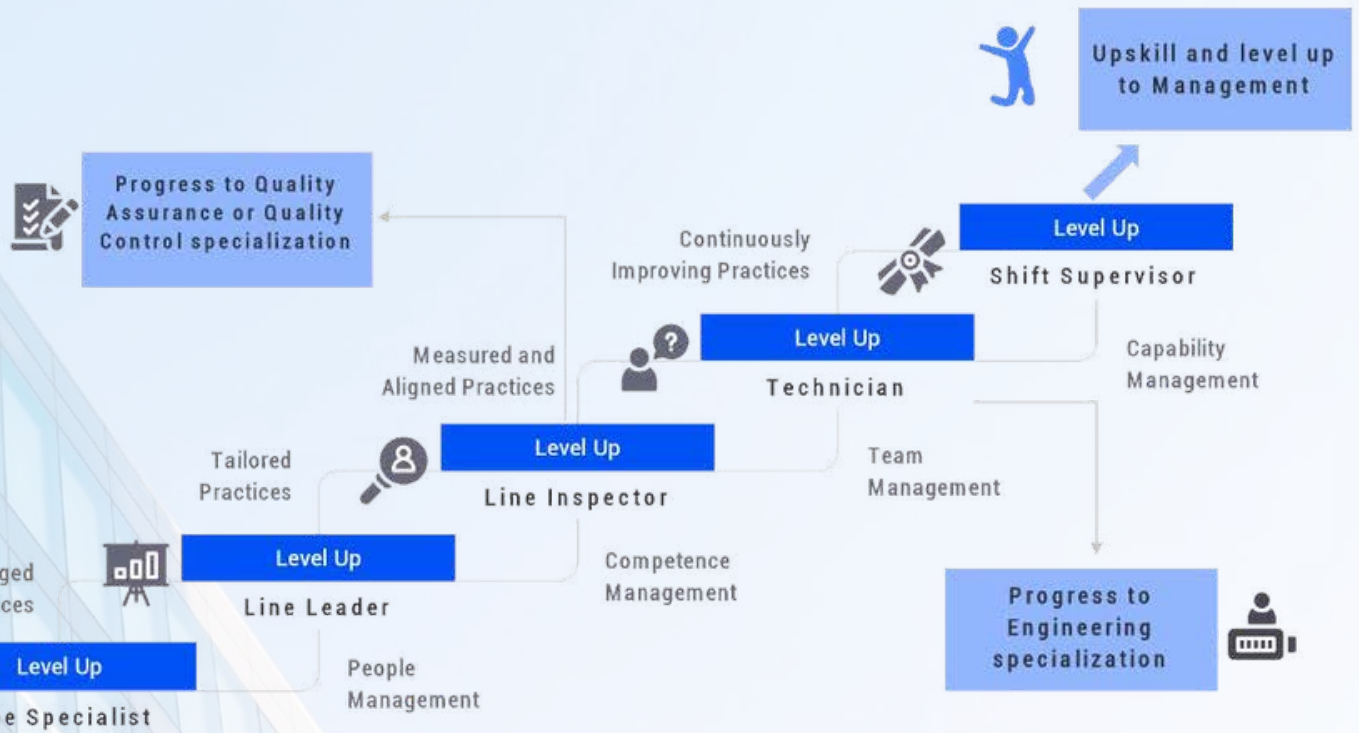
- 1.Understand how 5S relates to efficiency and safety in the workplace.
- 2.Understand how the 5 components relate to one another and to efficient and safe working.
- 3.Practices in the context of a specific organization.
- 4.Know how to apply 5S to improve productivity.
- 5.Understand how to implement the process of 5S in the context of a specific organization

RBA Awareness - Ethics Governance & Compliance for Semiconductor industry.

Objectives & Outcomes

- 1.Understanding the Responsible Business Alliance Code of Conduct
- 2.Understanding the relevance to international norms and issues electronics manufacturing companies may face in their supply chains.
- 3.Understanding the 5 Pillars of RBA, practices and audit structure and requirements for every organization within semiconductor electronics manufacturing.

CAREER PATH OPPORTUNITIES



YOUR CERTIFICATE COUNTS



YOUR EXPERIENCE COUNTS

COURSE DETAILS

- Intakes: Twice a month
- Duration: 4 weeks blended learning programme
- Level of Study: Industry based certification
- Field of Study: Electronics manufacturing semiconductor
- WorkReady Certification: EGSA/IUKL Certificate and NOCN UK Certificate.

ENTRY REQUIREMENTS:

Our entry requirements are designed to ensure you are aligned to the expected industry requirements and our client's requirements. In order to gain entry, you need:

1. Successfully completed SPM and above
2. Successful completion and a pass mark of 65% and above for our Acceptance Admissions Assessment (AAA Test)
3. Following the above, completing a Character based interview with the assessment team.

COURSE VALUE

Registration fee: RM200 + 6% SST

Deferred payment plan options are available for tuition fees.

*Terms & Conditions apply

Get In Touch With Us:

 +6012-5533654, or
 info@educ8u.com

