

COURSE OUTLINE

Course Title	Quality Process Control (QPC)
Course Code	CRS-Q-0040383-ELE
Course Description	Quality Process Control is a statistical method used in the study, analysis, and control of production processes. It is used to determine whether a process is under control.
Course Objectives	At the end of the course, participants will be able: <ol style="list-style-type: none"> 1. Understand basic statistics 2. Qualify process, 3. Design statistical process control charts, 4. Monitor the process, 5. Analyze the stability of the process; 6. Mitigate the process when necessary; and 7. Continuously improve on the process.
What the Course will cover	<p>Course contents include:</p> <p>1 Day 1</p> <ul style="list-style-type: none"> ○ Basic Statistics ○ Process Capability: Cp, Cpk <p>Control Charts for Variables:</p> <ul style="list-style-type: none"> ○ \bar{X}-R Charts ○ I-MR Charts ○ \bar{X}-S Charts <p>2 Day 2</p> <p>Control Charts for Attributes:</p> <ul style="list-style-type: none"> ○ p Charts (for defectives –sample size varies) ○ np Charts (for defectives –sample size fixed) ○ c Charts (for defects –sample size fixed) ○ u Charts (for defects –sample size varies) ○ Revision ○ Assessment
Instructional Methods	<ul style="list-style-type: none"> ● Power-points ● Case Studies ● Video
Assessment Methods	<ul style="list-style-type: none"> ● Written Test ● Case Study
Certification	Upon successful completion of the course, the learner will be issued a WSQ Statement of Attainment issued by SSG.

Course Duration	2 days
Course Fee (before subsidy)	\$525
SSG subsidy for Singaporean and PR below 40 yr old	\$240
SSG subsidy for Singaporean above 40yr old	\$472.50