# STANDARD MINUTE COSTING

Apparel manufacturing mainly consists of cutting, sewing, assembly of sewn parts in sewing lines, finishing and packing. Line balancing withinin each process is one of the the keys to achieving optimum production performance.

Computing standard minutes using common industry software is critical in this process. The aim of this course is to provide occupational knowledge, skills and techniques to compute standard allowed minutes (SAM) or standard of allowed hours (SAH) for apparel sewing and balance work among teams or amongst workers in lines to achieve higher efficiency. SAM or SAH or SMV is a universal tool used to compute factory efficiency & costing.

## PERFORMANCE OUTCOMES

- Draw process flow chart to facilitate measuring of Standard Allowed Minutes (SAM)
- Record current operating parameters
- Analyse the sewing operation through elemental breakdown
- Obtain all sewing operations (eg.SMV/SAM) in accordance to organisational requirements and procedures
- Evaluate the accuracy of all SMV/SAM values
- Quantify the variance in the process and make improvements
- Ascertain and maintain records of all improvements made
- Compute SMV of selected garments

## ENTRY REQUIREMENT

- Currently working in the apparel industry or aspire to work in the apparel industry
- Possess university, diploma or high school certificate
- Ability to read, write and comprehend English proficiently
- Basic computing skills and knowledge of Microsoft office
- Secondary school maths literacy or equivalent

**Students need prior knowledge or experience of the following competency:**

- Garment Construction Course or equivalent on seams and stitches and apparel production processes.
- Apparel Production Sequence Course (34 hours) or equivalent on how to draft and sew a tee and pull on shorts.
- Work Study or equivalent on how to study and optimize work methods, measure time take to do the work, do line balancing and operation set up with the objective of improving productivity.

## COURSE FEE

| Non-GMAC Members | USD$322.00 |
|---|---|
| GMAC Members | USD$280.00 |

## COURSE DURATION

| Training Hours | 24 |
|---|---|
| Assessment Hours | 2 |
| Total Hours | 26 |

## GRADUATION REQUIREMENTS

Student must fulfil the following requirements:

- 75% attendance rate of total training hours per module
- Assessed and be competent for every module

## CERTIFICATE ISSUANCE

Upon successful completion of the course, student will be awarded the CGTI Certification which is nationally endorsed and recognised by industry partners.

## ATTITUDE AND KNOWLEDGE

- Process flow charting
- Operational bulletin
- Terminology & methodology
- Standard Allowed Minuntes (SAM)
- Standard Allowed Hours (SAH)
- Standard Minute Value (SMV)
- Line balancing

## WHO SHOULD ATTEND

- Factory and Production Manager
- Industrial Engineers (IE)
- Work Study Team
- Planner and Manufacturing Department In-Charge
- Line supervisor

**APPLY NOW**

📞 Call +855 23 883 435
✉ enquire@cgti-cambodia.org
🌐 www.cgti-cambodia.org

National Road No 4, Phnom Penh Special Economic Zone, Phum Trapeang Kul, Sangkat Kantouk, Khan Porsenchey, Phnom Penh, Kingdom of Cambodia

TaF.tc International Pte Ltd
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