

WORK STUDY 2

This course is a continuation of Work Study 1. You have learnt how to record and study, and now you will learn to analyse and improve the methods and time required in the apparel production processes from cutting, sewing to packing. This course includes hands on activities to conduct capacity assessment, identify unit drivers, apply simultaneous engineering approach for lead-time and cost reduction and conduct value add analysis and feasibility studies.

You will learn how to measure and analyse your production efficiency, and what you need to do in production in order to optimize output and increase profit potential.

PERFORMANCE OUTCOMES

- Determine the Industrial Engineering structure within garment manufacturing environment
- Identify the different cost drivers and their effects on different cost methods
- Apply pre-determined time system to work processes
- Identify the unproductive cost element and its effect on total cycle time
- Determine the most economical method in setting up operation breakdown according to organisational procedures
- Analyse and compare various production setups in relation with order categories
- Write proposals with return on investment for equipment procurement

ENTRY REQUIREMENT

- Competency in Work Study 1
- Secondary school maths literacy or equivalent
- 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

COURSE FEE

Non-GMAC Members	USD\$380.00
GMAC Members	USD\$330.00

COURSE DURATION

Training Hours	33
Assessment Hours	2
Total Hours	35

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

- Work Measurements
- Pre-determine motion time system
- Using the stopwatch/Mobile Phone
- Activity Sampling
- Time Study
- Cycle Check and Production Studies
- Graphing Techniques
- Compute Line Efficiency
- Analyze Return on Investment for Equipment Procurement
- Bonus and Incentive Schemes

WHO SHOULD ATTEND

- Industrial Engineers and Technicians, Work Study Officers
- Factory Managers
- Any other role related to manufacturing improvement

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APPLY NOW

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