

## **PHILOSOPHY OF THE NATIONAL DUAL TRAINING SYSTEM (NDTS)**

The NDTS is a practice-oriented apprenticeship training system designed to develop highly skilled knowledgeable manpower to meet present and future industrial needs of Malaysia, particularly in steering the country to become a developed nation by the year 2020.

This training system is organized in a dual form which combines workplace training with institution-based skills training. Training at the company which is 70% takes place under actual work conditions in line with the latest technology. Apprentice is released for a specific period to attend training at training center which is 30%, that provides support, supplement knowledge and skills related to the training occupation.

The NDTS apprenticeship training program will inculcate knowledge worker occupational competencies namely:

- Technical competence which comprises knowledge and skills in the technical field;
- Learning and methodological competences which comprises lifelong learning, problem solving activities when planning, executing and monitoring workplace assignments; and
- Social and human competences which comprises character development and social integration when working in teams.

The action-oriented teaching and learning approach that promotes active and self-reliant learning as well as teamwork will be applied throughout the duration of training. Learn and Work Assignments (LWAs) which integrate the learning and working environments will be the main instructional tool used in the NDTS. LWAs are actual workplace assignments designed and adapted for the learning process and for the fostering of knowledge worker occupational competencies.