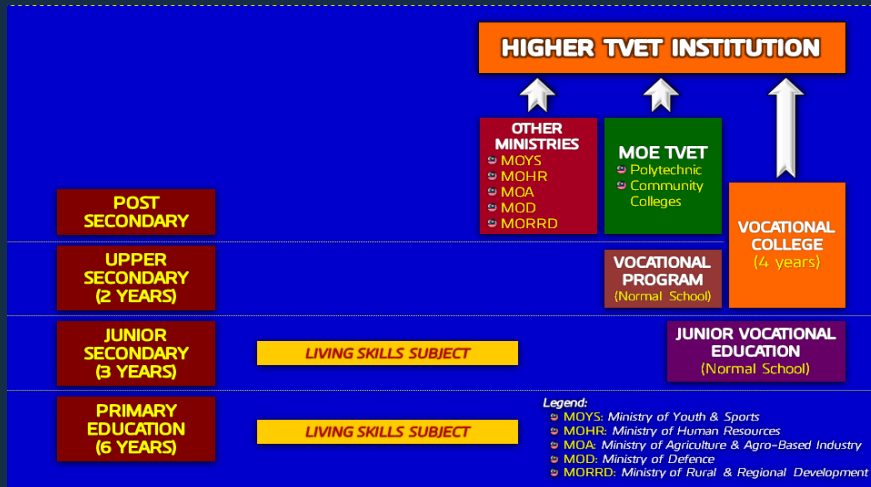


# Technical and Vocational Education and Training in Malaysia

## MALAYSIAN EDUCATION SYSTEM



- A system of polytechnic education for youths between 17+ through 20+ years old are also established. The polytechnic programmes provide broad-based education and training to upper secondary school graduates to enable them to acquire the necessary skills to become technicians and technical assistants in the various engineering fields or junior and middle-level executives in the commercial and service sectors. They are also provided relevant technological or entrepreneurial education and training to upgrade their basic skills.
- Post Lower Secondary education is characterized by Upper Secondary Education for the academic and technical streams and a choice of enrolling into Vocational Colleges as of 2012, which is under the purview of Technical and Vocational Education Division, Ministry of Education, Malaysia.

## ISSUES ON TVET

- Multiple certification systems and multiple quality assurance systems,
- Lack of involvement from other public vocational training bodies,
- Limited access to vocational education for students with special needs,
- Need for skillful vocational teachers,
- Limited pathway for tertiary vocational education, and
- Limited involvement by the industry (Jab, UNESCO, 2010).

## POLICIES AND STRATEGIES TO ADDRESS THE ISSUES

- Establishment of Malaysian Board of Technologists (MBOT) to enhance career path of TVET graduates
- Widening of opportunities for vocational education and address the problem of dropouts
- Strengthening the TVE curriculum,
- Improving links with industry players and professional bodies,
- strengthening the concept of School Enterprise based on Production-based Education,
- Forming links with local and foreign institution of higher education
- Introducing skill stream at national schools, and
- Development of Malaysia Qualifications Framework.

## MALAYSIA QUALIFICATIONS FRAMEWORK

MQF Levels	Sectors			Lifelong Learning
	Skills	Vocational and Technical	Higher Education	
8			Doctoral Degree	Accreditation of Prior Experiential Learning (APEL)
7			Master's Degree	
			Postgraduate Cert. & Diploma	
6			Bachelor's Degree	
			Graduate Cert. & Diploma	
5	Advanced Diploma	Advanced Diploma	Advanced Diploma	
4	Diploma	Diploma	Diploma	
3	Skills Certificate 3	Vocational and Technical Certificate	Certificate	
2	Skills Certificate 3			
1	Skills Certificate 3			

### Sources:

- Jab, A.T. (2014). Strengthening TVET and Transition from School to Work.
- Ministry of education Malaysia Pelan. (2011). *Strategik Transformasi Pendidikan Vokasional*. Retrieved December 3, 2012 from <http://www.mohe.gov.my/educationmsia/education.php>
- Ministry of Human Resources, Department of Skills Development (2011). Career Choice and Development in the Skills Profession. *Skills Malaysia*. Kuala Lumpur

- Malaysia places great importance on vocational education as a means of becoming a developed nation to meet the challenges and demands of a high income nation by 2020. Accordingly, vocational education since 2012 has undergone a transformation in its policy, focus and expansion in its diversity of field of competencies and vocational stream (Jab, 2014).
- When first launched in 2012, Ministry of Education (MoE) Malaysia has 71 Vocational Secondary Schools (SMV), 17 Technical Secondary Schools (SMT) and 7,745 Secondary Schools (SMK). Of the 71 SMVs, 13 were chosen to be in the pilot together with one SMT and one SMK to run diploma vocational programmes and rebranded as 'Vocational Colleges' (Jab, 2014).
- Technical vocational and skills training is offered at the upper secondary schools to youths between the ages of 15+ and 16+ years of age. There are 860 schools offering vocational programs, including 70 vocational colleges, 34 polytechnics and community Colleges. TVET at post-secondary level is managed by 7 ministries. An overview of education system in Malaysia can be seen in Figure .
- In the skills training programme, more emphasis is given to practical work to develop competency in trade skills and enable the students to acquire the Malaysian Skills Certificate awarded by the Malaysian National Vocational Training Council (NVTC) after two years of training. In addition, a one-year specialised skills training in specific trades is provided both to students with the Malaysian Vocational Certificate and the Skills Certificate.



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