



Fayoum University
Faculty of Education
Comparative Education Department

**DEVELOPING THE INDUSTRIAL SECONDARY EDUCATION
TO RELATE WITH LABOR MARKET IN ARAB REPUBLIC
OF EGYPT
(A COMPARATIVE STUDY)**

A M. Ed. Thesis

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**A thesis Submitted in the Requirements for the Master Degree In
Education
(Comparative Education)**

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2008



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Summery

Developing the Industrial Secondary Education to Relate with Labor Market in Arab Republic of Egypt (A comparative Study)

Introducation:

The world is passing an extremely difficult transitional to keep in touch with the twenty first century, due to various international, political, and economic transitions reflected on aspects of life in different communities. The contemporary international experiments have proved that education is the first step to achieve progress, so the developed countries enroll education as one of its major priorities & policies.

This research tries to develop the secondary industrial education and link it to the labour market in the A. R. E. through a comparative study

The Problem of the Research:

The problem of the research lies in the following main inquiry: How can secondary industrial education be developed and linked to the labour market in Egypt?

This question leads to the following questions:

- 1- What is the Japanese experience in the field of linking the secondary industrial education to the labour market?
- 2- What is the German experience in the field of linking the secondary industrial education to the labour market?
- 3- What is the reality of the secondary industrial education in the A. R. E. and how far is it linked to the labour market?
- 4- What are the similarities and differences between the reality of linking the secondary industrial education in Egypt and its counterparts in Japan and Germany to the labour market?
- 5- What is the suggested visualization of developing the secondary industrial education to link it to the labour market in the light of both the Japanese and German experiences?

The Aims of the Study:

The Aims of this Research are represented in the following points:

- 1-Recognizing the Japanese experience in the field of linking the secondary industrial education to the labour market.
- 2- Recognizing the German experience in the field of linking the secondary industrial education to the labour market.
- 3-Showing the reality of the secondary industrial education in the A. R. E. and how far it is linked to the labour market.
- 4- Determining the obstacles that faces linking the secondary industrial education to the labour market.
- 5- Determining the similarities and differences between the reality of linking the secondary industrial education to the labour market in Egypt and its counterparts in Japan and Germany.
- 6-Trying to reach a proposed image of developing the secondary industrial education to link it to the labour market in the light of both the Japanese and German experiences.

The Importance of the Research:

This research is important because of the following considerations:

- 1- discovering the ways of developing the preparation of the clever and skilled technical labors in future and preparing them to work in the modern production organizations, for the progress and highness of our country.
- 2- Showing the important and vital role that businessmen and the private sector, cooperation with the government

can play in developing human wealth and providing the opportunity to the youth to practice practically on the modern technical ways that make them gain developed practical and scientific skills which help to improve and develop the production process.

3- Facing the rapid changes that labour market faces.

4- This research is an attempt to keep in touch with the general approach that emphasises the importance of reforming the secondary industrial education and assessing its programs to link this education to the conditions of the changeable society and the world of labour and production.

The limitations of the Research:

The limits of the research are:

1- Time element: The field study was done in April and May 2008.

2- The Geographical element: To apply the field study this research was limited to the governorates of El Fayoum, the Sixth of October city and Aswan.) in order to apply the field study.

3- The objective Limits: This study is limited to the system of the secondary industrial education in Egypt and some other countries (Japan and Germany where there is interest in the secondary industrial education and linking it to the labour market) This is done to develop and improve the secondary industrial education in Egypt and to link it to the labour market.

4- The Human limit: This research was limited to a study sample that consisted of three different categories which are:

- A sample of managers and heads of work in the industrial sector, In addition to, heads of technical departments and some production supervisors.

- A study sample of managers, headmasters, deputies, senior teachers and teachers of practical subjects and teachers of the theoretical subjects.

- A study sample of graduates (male and female) of industrial schools who work in different specaillized technical fields.

The Steps of the Research:

the Research *included the following steps:*

*The First Chapter: “The general frame of the research”. That included the introduction, the problem and the aims of the research and its importance, the limits and the expressions of the research, the method, the tools, the previous studies and the steps of pursuing this research.

*The second Chapter: the Japanese experience in the field of linking the secondary industrial education to the labour market.

*The Third Chapter: this Chapter *includes* the German experience in the field of linking the secondary indoutrial education to the labour market.

*The Fourth Chapter: this Chapter analyses the reality of the secondary industrial education in the A. R. E. and how far it is linked to the labour market.

*The fifth Chapter: this Chapter *includes* The field study.

*The sixth chapter: “Acomparative analysis of the reality of the secondary industrial education in(the A. R. E., Japan and Germany) and how far it is linked to the labour market and the proposed image for developing and improving the secondary industrial education and linking it to the labour market in the light of both the Japanese and German experiences.