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Reserch on Classification of Productive Skill (1)

- Occupational Abilities and Skills in the Car Manufacturing Industry -

Kazuo MORI

Yasuyuki KIKUCHI

Productive skill was examined through a survey, which was conducted at a productive site under technological innovation. A trend was also arranged. In August 1991, the questionnaire method survey was conducted on skilled workers in a car manufacturing company. The number of valid answers is 1215. The survey included 133 items in the following three areas.

- (1) nature of productive skill : 40 items
- (2) human functions and vocational ability necessary for work : 60 items
- (3) work conditions : 33 items

The summary of the results is shown below. Automation, increased efficiency of the process, etc. were generated by technological innovation. From this, it is clean that the following functions and abilities for the worker are demanded. They are the sensuous function, the high-level skill, judgment, and analysis abilities. In the sensory-motor mechanism, inclination is especially made to delicate feeling and intuition, and visual information processing. High-level skill is inclined to create high accuracy and its related skill and the intellectual management mechanism is inclined to the judgment and the analysis processing. All skilled workers commonly request the productive control contents. Moreover, it can be said that the degree of importance differs according to a skilled worker for individual machine operation.

Thus, the nature of the product manufactured by the factory and the realities of the skill by which work is reflected are now clarified. The change of various equipment through technological innovation will make the following content indispensable ; sharpening sensuous function, highly-skilled level, enhancement of judgment and analysis ability, and promotion of work and process improvement. In the future these situations are expected to advance more clearly and widely in a productive post.

The Actual Situation and Problem of the General Education Course in Polytechnic Colleges

Kouji TOMITA

It is necessary to examine the curriculum by which the graduate image of each department is shown concretely enough so that a polytechnic colleges may obtain the evaluation from the society.

Each department has piled up the improvement for that. A special subject has been enhanced. However, the rate occupied to the whole of the curriculum does not affect very much about the general education course. There is a dislike which has been made negligent a little.

This report examines the role of the general education course in polytechnic colleges and problem. Therefore, analyzed the actual situation of the general education course of 23 polytechnic colleges being established now.

Human Studies in the Care-Service Course

Tetsuro OBARA

Haruyo MACHITORI

This is a report and study of Human Studies taught in the Care-Service Course, which is founded in Job-Training Schools supervised by the Ministry of Labor. Today, with the coming “old people age”, the necessity of caring for old people is widely noticed. Yet it is not properly understood in our society what the caring is. In this treatise we analyse the consciousness of the students who intend to be care-workers. We consider what kind of troubles or difficulties they have, and point out the tasks of the Human Studies for caring. These are, primarily, to give them proper comprehension of caring, including what caring is to the human being. Secondary, to understand old age and death : to make out how we can get along with them. And thirdly, to attain a deeper conception about the human nature. Above all, we explain what the caring is in detail and from this point of view propose the necessary elements of the Human Studies for caring.

A Consideration of Public Upgrading Training by “The Skill Diagnosis Clinic Method”

Katsuya TODA
Etsuro KITAMURA
Tetsuro OBARA

This Article argues for the theme of public Upgrading training by “skill diagnosis clinic method”.

1) This report aims to consider the basic factors for upgrading training by “skill diagnosis clinic method”.

2) Without losing the basic factors of upgrading training by “skill diagnosis clinic”, we developed a new training course which was able to be carried out with inexpensive experimental equipments on autonomous training process.

And we put the new upgrading training in EHIME advanced vocational training centre.

Teaching Materials Making Situation by Vocational Training Instructors

Yasunobu NAGASE

Various kind of teaching materials have been made by vocational training instructors in public and recongnized vocational training centers. These teaching materials, however, are used only by the instructor who made one or instructors who work together in the same center.

I record this report in hopes of stimulating exchange of information on teaching materials by arrangement teaching materials have opened to the public up to now and making it clear what kinds of materials have been made.

A Consideration Regarding the Instruction in Vocational Ability Development (Vocational Training) for the Ageing

Shigeru KAGAWA

This is a consideration and explanation regarding the method of instruction in vocational ability development (vocational training) for the working or retired ageing in Japan.

The objection of vocational training for the ageing in the reemployment of them to the enterprise. It is to be desired that vocational training enforcing by curriculum that may give them the skill and knowledge and that may enable them to obtain a position at the enterprise.

How do we instruct for the purpose of giving them the skill and knowledge, then? That is;

- 1 . It will be necessary to comprehend and recognize about their bodies and mental changes from past to now.
- 2 . The curriculum must, first of all, be made in consideration of 1. mentioned above and so as to give them skill or technique.

The second, in conformity to this, we must train them.

- 3 . We must enforce the training in order that they may obtain a position at the enterprise.

It may be necessary for a consideration to vocational training for the ageing, and the instructors will need to comprehend and recognize about them.