Steinbeis-Transferzentrum InnoVET

Work-Process Based Development of Advanced Detailed Curricula

How can it be ensured that vocational education matches the requirements of the increasingly complex world of work? In search of a suitable approach it has become evident that Competence Based Training cannot provide this service since it focuses on static "work" instead of encompassing dynamic "work-processes". Consequently it is necessary to rely on the analysis of work-processes when designing a detailed curriculum for a digitalized environment and Industry 4.0. The results of the work-process analyses reflect the spectrum of requirements and are applied as the core elements for the shaping of detailed curricula. This ensures a high degree of up-to-dateness of curricula and facilitates their swift development in matching changes in the world of work.

This curriculum approach is a dynamic approach which supports the "re-engineering" of the "Dual System of Training" which is regarded as the success-story of training in central Europe and beyond it. Through this "re-engineering" comprehensive access has been granted to the potential of the "Dual System" in monitoring effective training and in opening it up for the incorporation of new findings of international/comparative vocational training and technical education.

The core of this "re-engineering" lies in the work-process.

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