

Review of Different Schools of Thought in Human Factors and Ergonomics

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Abstract: The definition of Human Factors and Ergonomics is perceived by various researchers and organizations in different manners. This is because the concept of Human Factors and Ergonomics from one task does not necessarily mean true to another task. Thus, this term paper aims to further examine and classify the different schools of thought in the field of Human Factors and Ergonomics through literature reviews. This can be used as input in coming up with a unified definition and to provide clearer picture among students, researchers, ergonomists and academe professionals of the field. This paper concluded five taxonomies of schools of thought namely application of human factor information, process or approach, study or discipline, branch of science and interdisciplinary or multidisciplinary studies. It can be further deduced that all of the evaluated definitions concur that Human Factors and Ergonomics is design-driven, system oriented and focuses on the well-being, health and safety enhancement of the human aspect to attain optimized or improved performance of the user and the system as a whole.

Keywords: *application, approach, branch of science, Human Factors and Ergonomics, interdisciplinary, process, schools of thought, study or discipline and taxonomy*