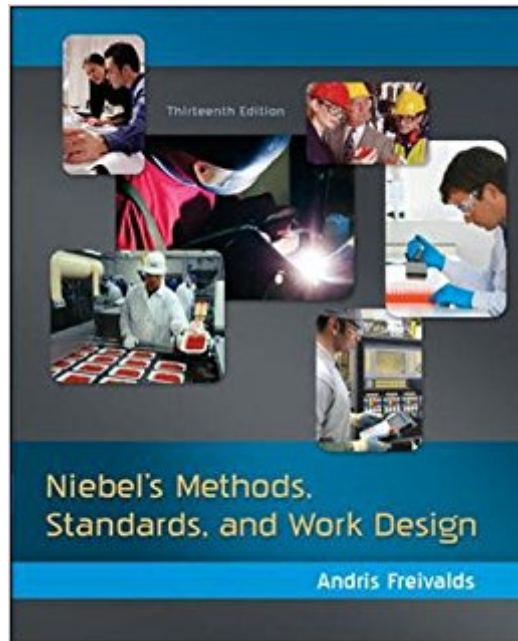


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# Niebel's Methods, Standards, & Work Design



## Synopsis

This edition addresses the increasing global competition and the fact that every industry, business, and service organization is restructuring itself to operate more effectively. Cost-effectiveness and product reliability without excess capacity are the keys to successful activity in business, industry, and government. These keys are the end results of methods engineering. The 13th edition of *Methods, Standards, and Work Design* will provide practical, up-to-date descriptions of engineering methods to measure, analyze, and design manual work. The text emphasizes both the manual components and the cognitive aspects of work, recognizing the gradual decline of the manufacturing sector and the growth of the service sector. The importance of ergonomics and work design as part of methods engineering emphasizes not only increased productivity, but also to improve worker health and safety, and thus, company bottom-line costs. In the twenty-first century it is essential that the industrial engineer consider both productivity issues and their efforts on the health and safety of the worker. This comprehensive text addresses this need by integrating the traditional elements of motion and time study along with the human factors and ergonomics and safety engineering.

## Book Information

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## Customer Reviews

Benjamin W. Niebel The Pennsylvania State University  
Andris Freivalds The Pennsylvania State University

Great book for on the job training and school. Thorough book for Industrial Engineering. Making the Work station fit the worker. Establishes the true meaning of efficiency.

Was book I needed in acceptable condition Cover was torn a bit but did not affect usability

Great textbook! Interesting concepts; I used this for a class.

I dislike that the software needed to solve the exercises doesn't work in my windows 7. I dislike that there are not solutions of the excersises to compare the results. I expected much more from this expensive book.

Quality just as described!

Need for college

The reason I am in the US now is for improving my knowleges in biosafety issues and this is a very good book. I'd appreciate if you send a catalog regarding this subject: biosafety and biosecurity. Regards, AC Vinhas

Great

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