

Course Descriptions CiE

Course code:

Course title : ergonomics

Hours per week: 2 (add. lab exercise with 4 h per session)

Semester: 7WI

Number of Credits allocated/work load: 3

Course contents: see appendix

Prerequisites: none

Objective of the course/learning outcome:
human capabilities, basics for designing of work and work tools

Recommended Reading:

- R.S.Bridger: introduction to ergonomics. Taylor & Francis, ISBN 0-415-27378-1
- Koether, Kurz, Seidel, Weber: Betriebsstättenplanung und Ergonomie. Hanser, ISBN 3-446-21074-1

Teaching methods: lecture, lab exercises

Assessment methods: written examination

Language of instruction: german & english

Name of lecturer: Bernhard Kurz

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Link:

http://www.wi.fh-muenchen.de/allgemeines/d_professoren.pcms#K

Appendix:

topics:	chapter page	
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	indicators	./.
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	WORK SYSTEM ANALYSIS	15 477
FF		
	somatographics	./.
	risc analysis	./.

additional lab exercises:

ergometrics
 seat design
 anthropometric measures
 noise and noise prevention
 handling weights

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***) reference: . R.S.Bridger: introduction to ergonomics. Taylor & Francis,
ISBN 0-415-27378-1**