Spreadsheet Simulation [132490-D]

Summary semester 2025/26

Organization of the course

Lecture/ Labs: dr Daniel Kaszyński
Lecture form: hybrid, both physically and remotely via the MS Teams platform
Laboratory form: mandatory and only in physical form
Time and place of lectures: every other Monday, 1:30 - 3:00 pm, G-210
Time and place of labs: every other Monday, 1:30 - 3:00 pm, G-210
Materials: online via MS Teams and website: kaszyn.ski

Students evaluation

Type	Quantity	Points	Total Points
Team's report based on lab problem	2	20	40
Final team report prepared comprehensively from problem to solution	1	40	40
Team presentation	1	20	20
		TOTAL	**100**

- Extra point for activity during Lecture

FINAL GRADES

POINTS		FINAL GRADE
FROM	**TO**	
0	49	2.0
50	59	3.0
60	69	3.5
70	79	4.0
80	89	4.5
90	100	5.0

The course is self-contained and does not require the reading of additional books beyond the regular reading of material sent before class, usually the content of a business problem or some text to facilitate understanding of the material taught

Basic Books

- Guerrero H., Excel Data Analysis: Modeling and Simulation, Springer, 2010
- Winston W., Microsoft Excel 2010: Data Analysis and Business Modeling, Microsoft Press, 2011

Additional Books

- Law A. M., Simulation modeling and analysis, McGraw-Hill Education Boston, MA, 2007
- Albright S.C., Data analysis and decision making with Microsoft Excel, 2002

- Topic of optimum stocking :
    - Vandeput N. (2020), Inventory Optimization: Models and Simulations
    - Silver E., Pyke D., Thomas J (2021), Inventory and Production Management in Supply Chains
    - Piasecki D. (2009), Inventory Management Explained: A Focus on Forecasting, Lot Sizing, Safety Stock, and Ordering Systems.