SYLLABUS

Name: Fundamentals of Databse
Name in Polish: Podstawy baz danych
Name in English: Fundamental of Databse

Information on course:

Course offered by department:	Faculty of Organisation and Management
Course for department:	Silesian University of Technology
Study level and form:	Bachelor's degree, Full-time
Term:	summer semester 2019/2020
Coordinator of course edition:	Dr inż. Krzystzof Herman

Default type of course examination report:

ZAL

Language:

English

Course homepage:

https://platforma.polsl.pl/roz/enrol/index.php?id=191

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Short description:

The aim of the course is to familiarize the student with the possibilities of using databases and to acquire knowledge and skills in the field of building relational data models, basic SQL commands and database design.

Description:

Lab:
• Introduction and basic concepts of databases
• Creating tables and defining relationships between tables
• Data entry
• Creating queries
• Creating reports
• Selected elements of the SQL language

Bibliography:

1. Sharon Allen: Data Modeling for Everyone, Apress, 2007
2. Database design for mere mortals - a hands-on guide to relational databas, Pearson Education (us), 2013

Learning outcomes:

Knows the basic concepts of databases, the essence of the relational model, the selected standard of data model presentation and elements of the SQL language (K1A_W08)
Can use the selected database management system in the field of creating reports and obtaining information using queries (K1A_U14)
Working independently or in a team, he/she is able to created reports and required queries for a selected issue (K1A_K01)

Assessment methods and assessment criteria:

The credit is given in the form of a written test. The condition for obtaining a credit for the lecture is to obtain 60% of all possible points.

Practical placement: