UNIVERSITY OF PANNONIA

COURSE DATASHEET

Semester:	2013/14/2
Course:	Environmental-informatics II.
Code:	VEMKKVB232I
Responsible department:	Department of Environmental Engineering
Department code:	MKKV
Responsible instructor:	dr. Endre Domokos

Course objectives:

The aim of the course is that the students learn use engineering statistics and database applications software. After the successful tests the students can use well these programs for their works.

Course content:

1. Statistical evaluating software: menus, structure 2. Statistical evaluating software: data-input, sorting 3. Statistical evaluating software: statistical calculations, handle of results 4. SQL: basics, relations, fundamentals 5. SQL: data-tables design and structure 6. SQL: import-export 7. SQL: table-operations, relation-tables handling 8. SQL: optimalisation 9. Test 10. VBA: helping of group working 11. VBA: using of outsources 12. VBA: create of menus, buttons and forms 13. VBA: Test-software writing I 14. VBA: Test-software writing II. 15. Test

Requirements, evaluation and grading:

According to the requirements of fulfillment.

Required and recommended readings:

Schönhofen Péter: Csoportmunka az Office 2003 rendszerrel, Szak Kiadó, 2004 Kuzmina Jekatyerina - Dr. Tamás Péter - Tóth Bertalan: Programozzunk Visual Basic rendszerben!, ComputerBooks Kft., 2003 Ketskeméty László-Izsó Lajos: Az SPSS for Windows programrendszer alapjai. SPSS Partner Bt. Budapest 1996