

# 1DV013 – Database Theory

The course consists of two evaluation parts. The first is passing all of the theoretical assignments, and the second is passing all of the practical assignments. Student's final grade is an ECTS grade that is a combination of the grades received for assignments:

$$\text{Grade\_points} = \text{TheoreticalAssignments\_points} * 0.6 + \text{PracticalAssignments\_points} * 0.4$$

However, in case you **fail one of the parts – you fail the whole course**. The final grade is determined based on the points collected during the course; the total amount of points is 200 (100 points for theoretical assignments and 100 for the practical ones). Notice, in order to pass the course **you need to collect at least 60 grade points**. The table of points/grade dependency is as follows:

Points	≥ 60	≥ 70	≥ 80	≥ 90	≥ 95
Grade	E	D	C	B	A

There will be three practical assignments and three theoretical assignments in this course. You need to pass **all of them** to receive the course grade. Each assignment corresponds to a certain number of points. In order to complete the course, you have to collect **at least 60% of points for every assignment**. Each assignment has to be submitted by its deadline to the **Moodle assignment submission system** (e-mail submission attempts will be ignored!). Please notice that the deadlines in this course are strict.

Theoretical assignments must be completed **individually**. Practical assignments may be done in **groups**, but no more than two students in each group are allowed (please submit your assignments only once and name both teammates), and the students are not allowed to switch / exit their groups during the course.

Late / failed assignments policy: assignments that receive a positive grade (≥ 60% of points) are graded only once (i.e., no second chance for improving a positive grade). There will be a retake for late / failed assignments shortly after the final deadline. The penalty for the retake submissions: the top limit of grades for such assignments will be set to 90% of points.

Kostiantyn Kucher is responsible for practical assignments. If you run into trouble please contact Kostiantyn by e-mail: kostiantyn dot kucher AT lnu dot se.

In the following, you will find a short overview of the assignments together with corresponding points.

Assignments	Description	Points	Deadline
Theoretical Assignment 1	Create an ER diagram for a proposed problem domain	20	2013-09-22
Theoretical Assignment 2	Relation data model	50	2013-10-13
Theoretical Assignment 3	Relational algebra	30	2013-10-20
Practical Assignment 1	Install MySQL, create an ER diagram for a given database, create a database in MySQL	25	2013-09-29
Practical Assignment 2	Load data to the previously created database using DML	25	2013-10-06
Practical Assignment 3	Small project – write a management system (DBMS) for a given database	50	2013-10-27
		<b>200</b>	