COURSE: DATABASES

ASSIGNMENT 10

ENTITY-RELATIONSHIP MODELING USING UML DIAGRAMMATIC NOTATION

Theory part: Advanced UML notation. Generalization, aggregation, etc. relationship in Unified Modeling Language (UML) diagrammatic notation.

Practical part:

Create an ER model for the following description:

School of Engineering has many departments. There are students in the School Of Engineering. Hopefully, each student attends to one or more courses. Each department supplies one or more courses. There are one or more instructors (teachers) in each department.

Build one Word document where you copy and paste all the source code (from the final solution) you have generated during solving the task. Your word document should also show the functional details of the solution. One generic example from functional details: if the task is to make some calculations with the user input, use print screens to show one successful use case where the input is received and calculations will be completed. Your document need not be a complete road map from each individual step, but it should still be understandable and show street credibility to the outside reader. Use exactly the same format you would use with the thesis document (not description sheet, please!), or alternatively use the shorter report template. You can find the instructions from the student intranet.

Theory part can be at the beginning of or at the end of your word document where you have your **Practical part**. Remember to add all the references used in your document!

Take your script files together with your Word file and zip it into one file. Return that composite zip file to Moodle.

Assessment: Half from the points come from **Theory part**, another half from **Practical part**.

Submit your task before deadline! It is not possible to return this task after the deadline.