**CHEM-E5140 Materials Characterization, laboratory course (5 cr.)**

**Assessment matrix for Laboratory report**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 0 p. | 1 p. | 2 p. | 1. p.
 |
| Intro/Pre-task | * No clear individual contribution
* The students does not understand the method
 | * - Light description of the method
* And/or Parts lacking
* - Question lacking or not reported
 | * Proper description of the method
* The student shows clear understanding of the method
 | * The student has understood thoroughly the method and it’s constrains
 |
| Experimental | * Image of equipment
* List of activities
 | * Image and parts of the equipment explained
* Light description of the activities during the labwork
 | * Identify the purpose of parts of the equipment
* Detailed description of activities in lab
 | * Identify the purpose of parts of the equipment
* Understanding the reasons behind the activities
 |

Look at the next page..

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 0 p. | 1 p. | 2 p. | 1. p.
 |
| Results | * Figure/spectra presented
* No or very light comments on data
* No data comparison
 | * Data not modified (if required)
* Light comments on data
* No data comparison
 | * Data modified (if required)
* Proper analysis of data
* Some data comparison with additional reference
 | * Data modified to facilitate the interpretation
* Detailed analysis of data
* Deep data comparison with additional reference
 |
| Conclusion+Reflection+Reference | * What can be seen in the results
* No reflection
* Minimum references (course book)
 | -Obvious conclusions of the data-Some reflection-Few references  | - Conclusions with connection to theory- Relevant reflectionVarious properly prepared references | - Detailed conclusions with connection to theory- Deep reflection- Various reference |

Plagiarism: If you have copied some part of the report or direct copy pasted text from web that is plagiarism. That report will be not ACCPETED and needs to be redone. For this case also additional work is assigned. In severe cases, they are always reported to council at School of Chemical Engineering!