

CHEM-E5140 - Materials Characterization, laboratory course D, Lecture, 10.3.2025-20.5.2025

/ Assignments

Scanning Electron Microscopy reports\_2025

Due: Friday, 18 April 2025, 8:00 PM

Add submission

Submission status

Submission status	No submissions have been made yet
Grading status	Not graded
Time remaining	34 days 5 hours remaining

Grading criteria

Intro/Pretask	No clear individual contribution - The students does not understand the method <i>0 points</i>	Light description of the method - And/or Parts lacking - Question lacking or not reported <i>1 points</i>	- Proper description of the method - The student shows clear understanding of the method <i>2 points</i>	The student has understood thoroughly the method and it's constrains <i>3 points</i>
Experimental	- Image of equipment - List of activities <i>0 points</i>	Image and parts of the equipment explained - Light description of the activities during the labwork <i>1 points</i>	- Identify the purpose of parts of the equipment - Detailed description of activities in lab <i>2 points</i>	- Identify the purpose of parts of the equipment - Understanding the reasons behind the activities <i>3 points</i>
Results	- Figure/spectra presented - No or very light comments on data - No data comparison <i>0 points</i>	- Data not modified (if required) - Light comments on data - No data comparison <i>1 points</i>	- Data modified (if required) - Proper analysis of data - Some data comparison with additional reference <i>2 points</i>	- Data modified to facilitate the interpretation - Detailed analysis of data - Deep data comparison with additional references <i>3 points</i>
Conclusion + Reflection + Reference	- What can be seen in the results - No reflection - Minimum references (course book) <i>0 points</i>	Obvious conclusions of the data -Some reflection -Few references <i>1 points</i>	- Conclusions with connection to theory - Relevant reflection - Various properly prepared references <i>2 points</i>	Detailed conclusions with connection to theory - Deep reflection - Various reference <i>3 points</i>

Previous activity

◀ Scanning Electron Microscopy (SEM)\_laboratory-2025

Next activity

Raman\_Spectroscopy\_2025\_pretask ▶

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