

Course report KZ8009_HT20 Introduction to Analytical Electron Microscopy (7,5 hp)

Answer Count: 1

. Course coordinator

Course coordinator

Tom Willhammar

. Number of examined students

Number of examined students

16

. Number of students who passed

Number of students who passed

15

. Description of changes since the last time the course was given

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Due to the current pandemic situation we had to make several adjustments of the course. The lectures were given virtually using Zoom, as was some of the exercises. Some of the labs were given in smaller groups.

. The strengths of the course according to the students (based on the students' answers)

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Aspects of the course appreciated by the students ranged rather widely. The labs were mentioned by several students as very useful to understand the theoretical concepts. Other practical session such as exercises were also appreciated. Several students also mentioned that the theoretical sessions and descriptions of the fundamental aspects was a strength of the course.

. The weaknesses of the course (based on the students' answers)

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Limited interactions, mainly between teachers and students, due to Zooms format. Several students are wishing more practical sessions and exercises, the practical session were unfortunately limited this year when the schedule was adjusted to the pandemic situation.

Students also highlighted that they would prefer to have normal lectures on campus.

. The teachers' analysis on the course execution

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The change over to more online teaching made it more difficult to pursue interaction with the students, especially during lectures, which was also highlighted by students in the course evaluations. It also inhibits informal discussions between teachers and students. During these conditions the practical session become more important as that is the occasion for students to meet and interact.

. Conclusions as well as suggestion on changes

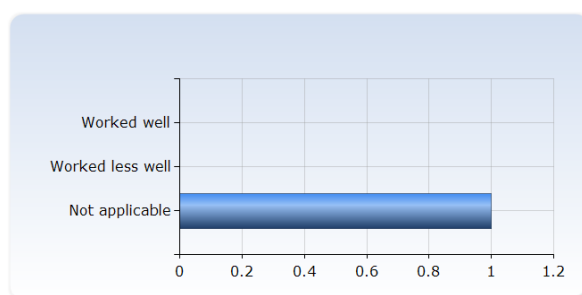
Conclusions as well as suggestion on changes

Overall the students were very satisfied with the course. There were some suggestions on improvements, many of them related to online teaching. Several students showed a wish for more hands on practical sessions, calculations exercises and practical examples.

. Booking and list of participants

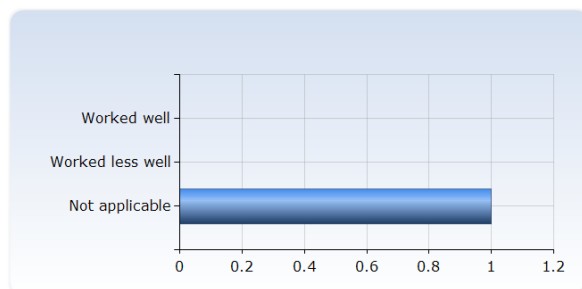
1. The pre-booked lecture rooms

1. The pre-booked lecture rooms	Number of Responses
Worked well	0 (0.0%)
Worked less well	0 (0.0%)
Not applicable	1 (100.0%)
Total	1 (100.0%)



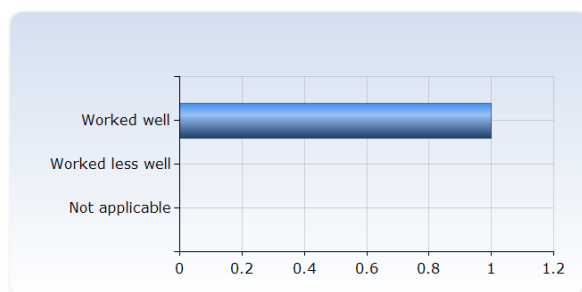
2. The course coordinator double checked the bookings ahead of the course commencement

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Worked well	0 (0.0%)
Worked less well	0 (0.0%)
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Total	1 (100.0%)



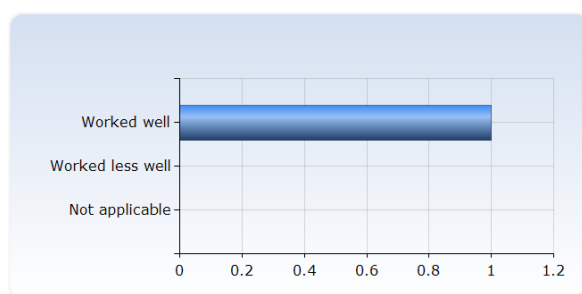
3. The Chemistry Section's Office shared a preliminary list of course participants ahead of course commencement

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Worked well	1 (100.0%)
Worked less well	0 (0.0%)
Not applicable	0 (0.0%)
Total	1 (100.0%)



4. The course coordinator shared changes (if any) to the participant list with the Chemistry Section Office.

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Total	1 (100.0%)



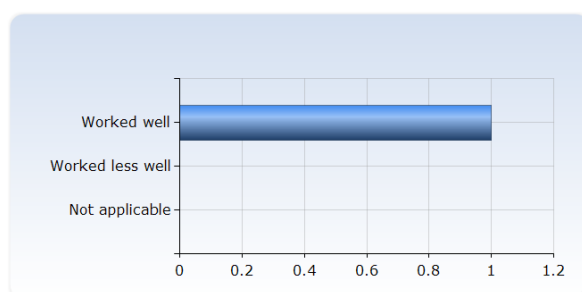
Comments on room booking and participant list

Room bookings made by the course coordinator.

. Preparations

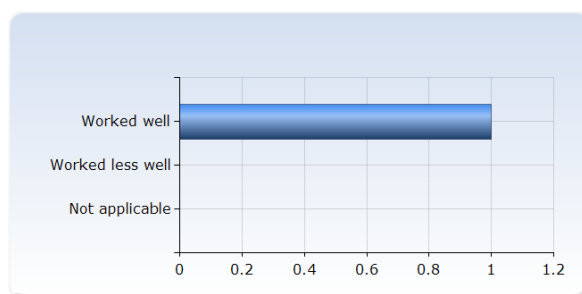
1. The course coordinator has ensured that the course plan was followed

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Worked well	1 (100.0%)
Worked less well	0 (0.0%)
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Total	1 (100.0%)



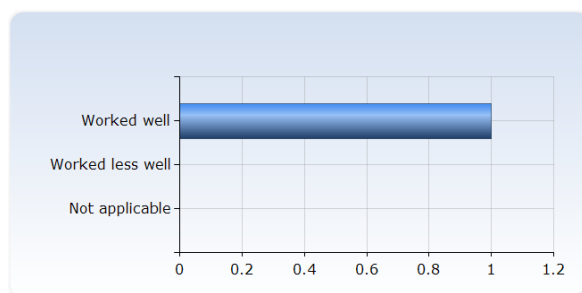
2. A schedule was shared with the Chemistry Sections office 4 weeks before course commencement

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Worked well	1 (100.0%)
Worked less well	0 (0.0%)
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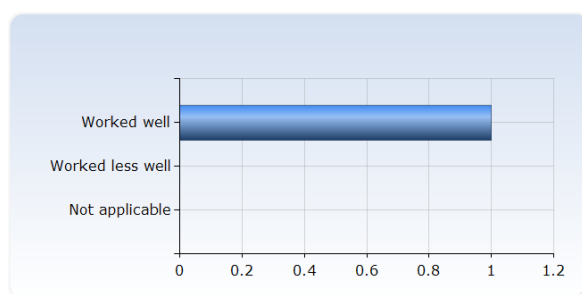
3. A planning meeting was held with the teachers assistants

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Worked well	1 (100.0%)
Worked less well	0 (0.0%)
Not applicable	0 (0.0%)
Total	1 (100.0%)



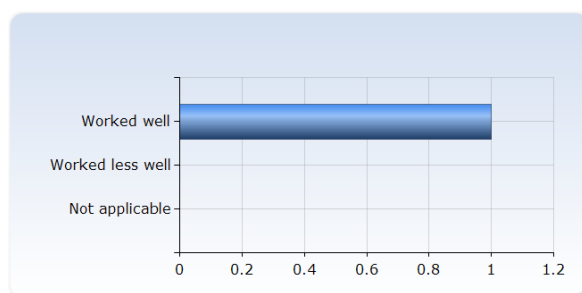
4. TA's and students were informed on when lab reports should be handed in and circumstances surrounding the correction of these.

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Worked well	1 (100.0%)
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5. Grading criteria were shared with the students at the beginning of the course

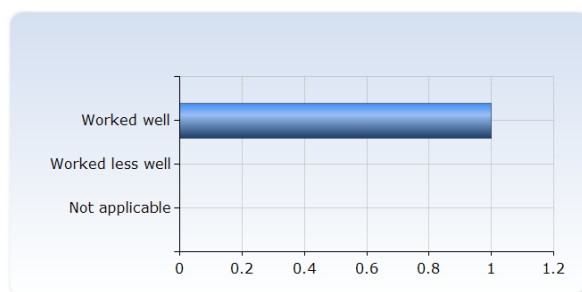
5. Grading criteria were shared with the students at the beginning of the course	Number of Responses
Worked well	1 (100.0%)
Worked less well	0 (0.0%)
Not applicable	0 (0.0%)
Total	1 (100.0%)



. During the course

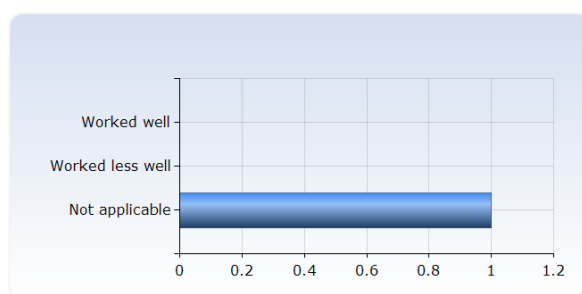
1. Necessary equipment was available and worked

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Worked well	1 (100.0%)
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Not applicable	0 (0.0%)
Total	1 (100.0%)



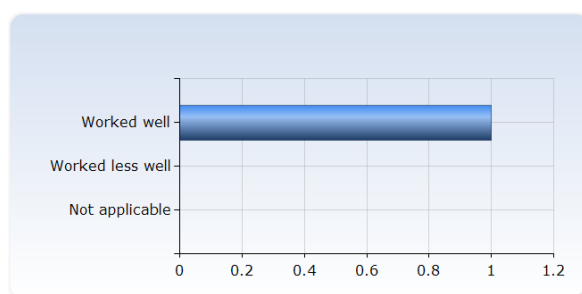
2. The study councilor was informed on students who were experiencing learning challenges

2. The study councilor was informed on students who were experiencing learning challenges	Number of Responses
Worked well	0 (0.0%)
Worked less well	0 (0.0%)
Not applicable	1 (100.0%)
Total	1 (100.0%)



3. Lab reports were corrected in a timely manner after being handed in

3. Lab reports were corrected in a timely manner after being handed in	Number of Responses
Worked well	1 (100.0%)
Worked less well	0 (0.0%)
Not applicable	0 (0.0%)
Total	1 (100.0%)



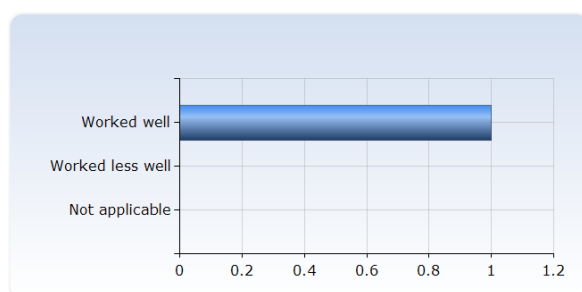
Comments on the admin during the course

No learning challenges reported.

. Exam and grading

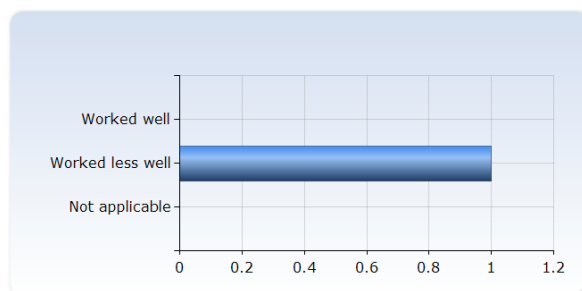
1. Examinations were done anonymously and according to examination rules

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Worked well	1 (100.0%)
Worked less well	0 (0.0%)
Not applicable	0 (0.0%)
Total	1 (100.0%)



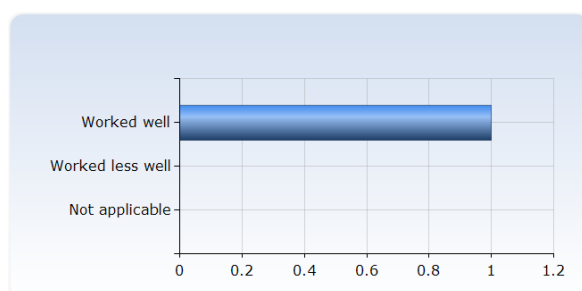
2. The exam questions were shared with the Chemistry Section Office 2 weeks after the course had ended

2. The exam questions were shared with the Chemistry Section Office 2 weeks after the course had ended	Number of Responses
Worked well	0 (0.0%)
Worked less well	1 (100.0%)
Not applicable	0 (0.0%)
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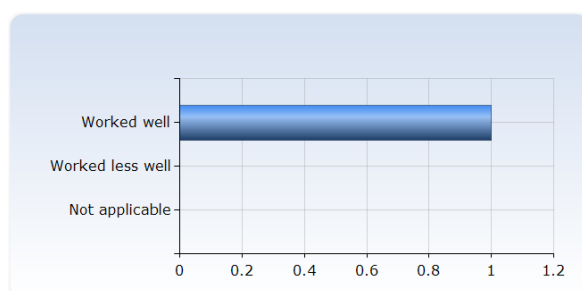
3. The exams were corrected less then three weeks after the examination

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Worked well	1 (100.0%)
Worked less well	0 (0.0%)
Not applicable	0 (0.0%)
Total	1 (100.0%)



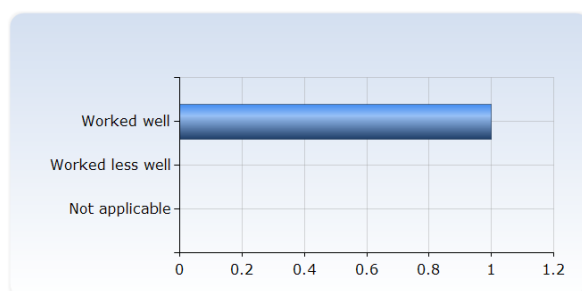
4. The students were offered an exam review

4. The students were offered an exam review	Number of Responses
Worked well	1 (100.0%)
Worked less well	0 (0.0%)
Not applicable	0 (0.0%)
Total	1 (100.0%)



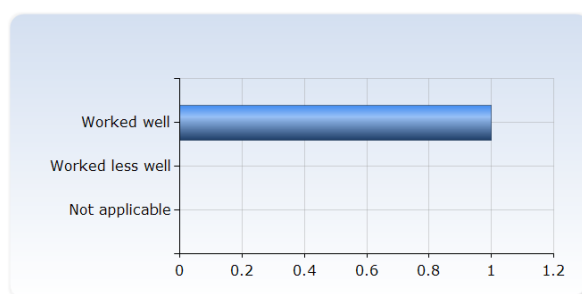
5. The grades for the practical part of the course were shared with the Chemistry Sections Office and the Director of Studies at the department

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Worked well	1 (100.0%)
Worked less well	0 (0.0%)
Not applicable	0 (0.0%)
Total	1 (100.0%)



6. The grades for the exam were shared with the Chemistry Section Office and the Director of Studies at the department

6. The grades for the exam were shared with the Chemistry Section Office and the Director of Studies at the department	Number of Responses
Worked well	1 (100.0%)
Worked less well	0 (0.0%)
Not applicable	0 (0.0%)
Total	1 (100.0%)



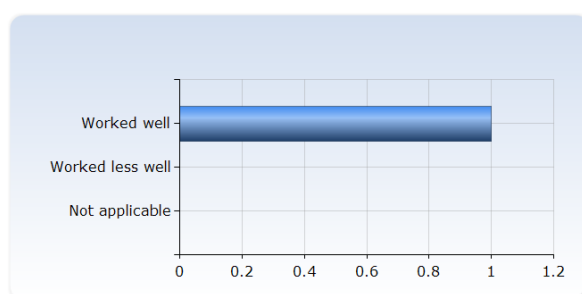
Comments on the exam and grading

Exam questions will be shared with the Student office shortly.

. Follow up

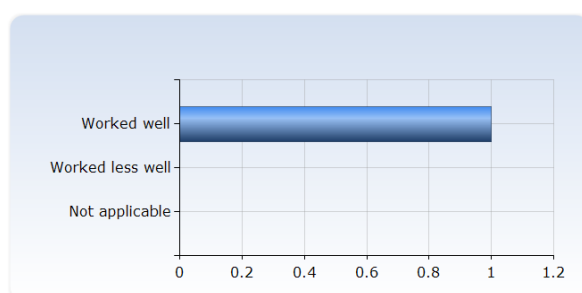
1. The Chemistry Section's Office was informed if you wanted to add course specific questions (and if so; what questions) to the course evaluation or not at least a week before the course ended

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Worked well	1 (100.0%)
Worked less well	0 (0.0%)
Not applicable	0 (0.0%)
Total	1 (100.0%)



2. The Chemistry Section Office shared the final course evaluation with the course coordinator

2. The Chemistry Section Office shared the final course evaluation with the course coordinator	Number of Responses
Worked well	1 (100.0%)
Worked less well	0 (0.0%)
Not applicable	0 (0.0%)
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. Additional comments on the admin for the course

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It would be nice to provide a list of all tasks that the course coordinator should pursue.