



Bergische Universität Wuppertal

Qualitätssicherung und Evaluation  
von Studium und Lehre  
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Universität Wuppertal - QSL - Gaußstraße 20- 42119 Wuppertal

Prof. Ralf Koppmann (PERSÖNLICH)

## Auswertungsbericht Lehrveranstaltungsevaluation an die Lehrenden

Sehr geehrter Herr Prof. Koppmann,

Sie erhalten hier die Ergebnisse der automatisierten Auswertung der Lehrveranstaltungsevaluation zur Veranstaltung "Einführung in die Atmosphärenphysik"

Fragebogen Typ VOR\_E:

Der zuerst angegebene Globalindikator setzt sich aus folgenden Skalen des Fragebogens zusammen:

- Presentation of the learning material
- Structure
- Supervision / Support
- Overall evaluation
- Motivation
- Personal data

Als nächstes werden die einzelnen Mittelwerte der oben genannten Skalen aufgeführt.

Im zweiten Teil des Auswertungsberichts werden die Mittelwerte aller einzelnen Fragen aufgelistet.

Der Wert 1 kennzeichnet aus Sicht der Studierenden eine maximale Veranstaltungsgüte, der Wert 5 eine minimale Veranstaltungsgüte.

Diese Nachricht gilt gleichzeitig als Bescheinigung dafür, dass eine Lehrveranstaltungsbewertung für die o.g. Veranstaltung durchgeführt wurde.

Mit freundlichen Grüßen  
Ihr QSL-Team



# Prof. Ralf Koppmann

Einführung in die Atmosphärenphysik (D0718\_1112\_382)

Erfasste Fragebögen = 14

## Globalwerte

### Globalindikator

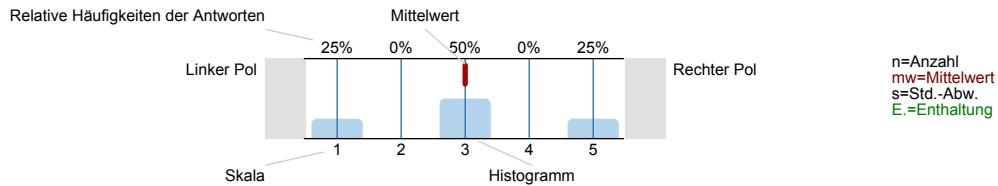
1. Presentation of the learning material
2. Structure
3. Supervision / Support
4. Overall evaluation



## Auswertungsteil der geschlossenen Fragen

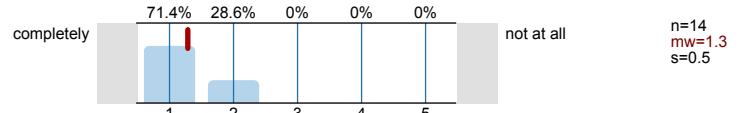
### Legende

#### Frage

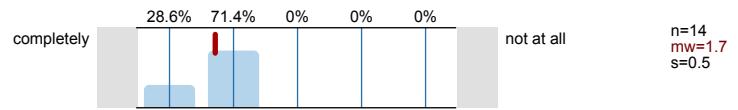


#### 1. Presentation of the learning material

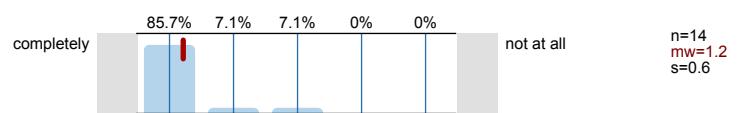
- 1.1) The aim of the course was clear from the very beginning.



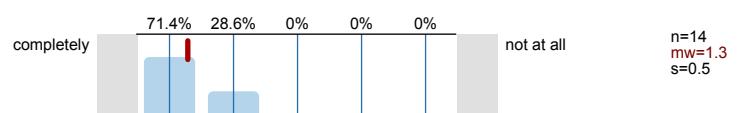
- 1.2) By the end of the semester, the aim of the course had been achieved.



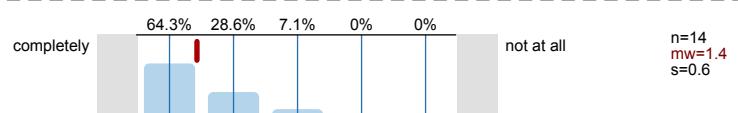
- 1.3) Each session adequately made reference to the material covered in the last session.



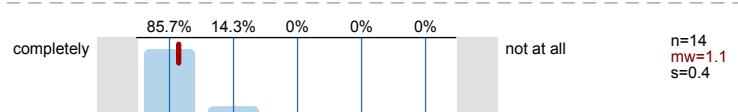
- 1.4) The instructor made sure that students understood the learning material



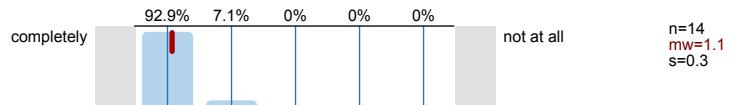
- 1.5) The explanations provided by the instructor were comprehensible.



- 1.6) The instructor appeared to be well-prepared.



- 1.7) The media incorporated in the course (board, transparencies, presentations, ...) contributed to the understanding of the learning material.



## 2. Structure

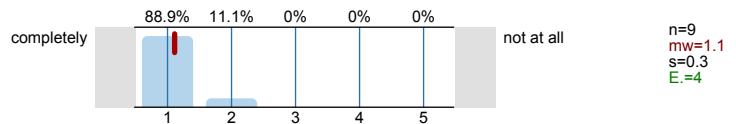
- 2.1) The course is part of a module.



- 2.2) This part of the module is in line with the module as a whole.

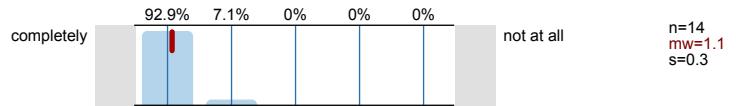


- 2.3) The material of the course corresponds to the description of the module.

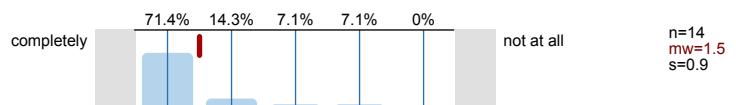


## 3. Supervision / Support

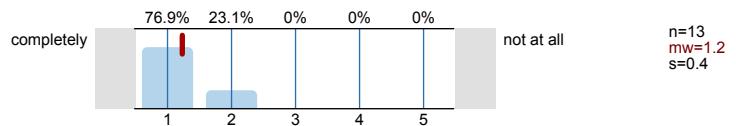
- 3.1) The instructor was able to answer questions posed in class satisfactorily.



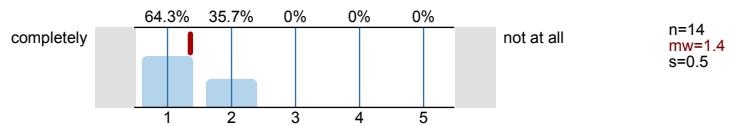
- 3.2) The requirements for earning a "Schein" were clearly stated.



- 3.3) There was sufficient opportunity to speak with the instructor during his or her office hours.



- 3.4) In general, the instructor offered adequate assistance and support in regard to the learning of course material.



- 3.5) The instructor discriminates against certain students.



## 4. Overall evaluation

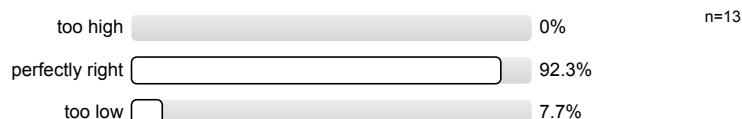
- 4.1) The overall effectiveness of this course was



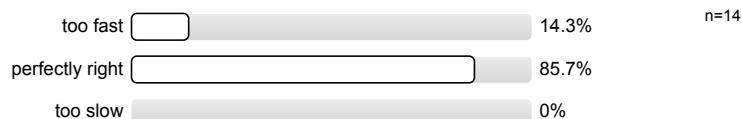
- 4.2) In general, I found the course to be



- 4.3) The difficulty level of the material covered in this course was



- 4.4) The pace at which the instructor covered course material was

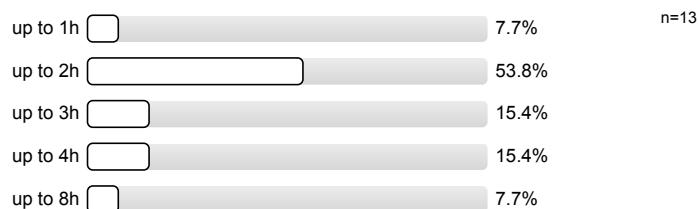


## 5. Time expenditure

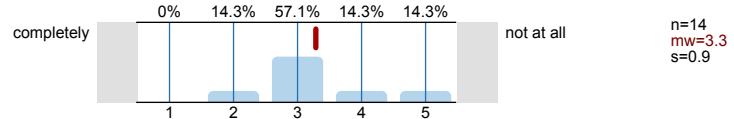
- 5.1) How often did you attend this course?



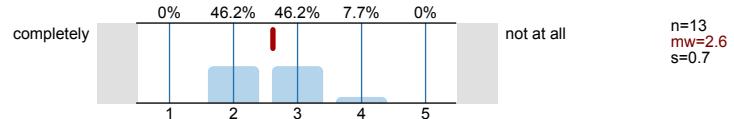
- 5.2) How much time did you spend per week in order to prepare for this course (not taking into account the actual time spent in the course or in preparation for your examinations)?



- 5.3) I always prepared for the course adequately.

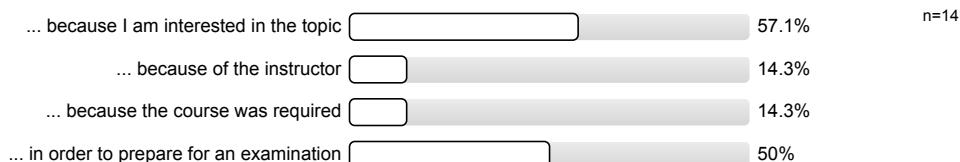


- 5.4) I had no problems finding time to follow up on the material covered in class.



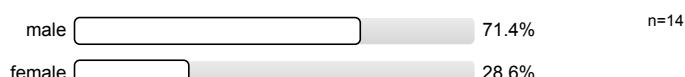
## 6. Motivation

- 6.1) I took this course (you may give several reasons)...

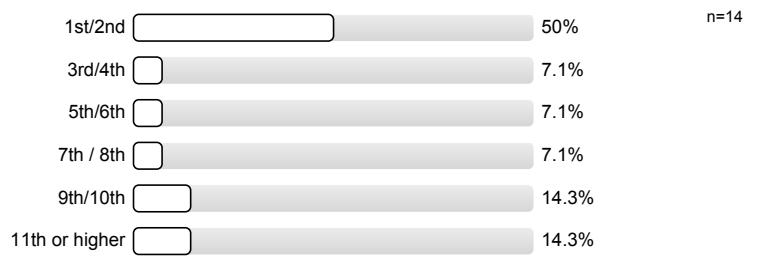


## 7. Personal data

- 7.1) Please state your gender

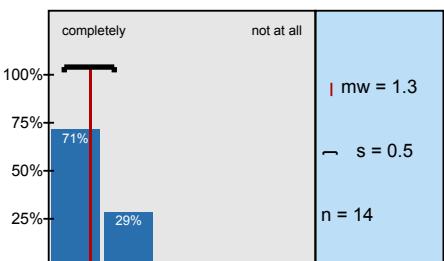


7.2) Which "Fachsemester" are you currently in?

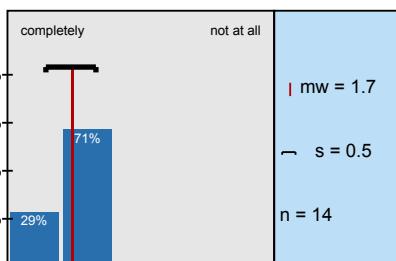


## Histogramme zu den Skalafragen

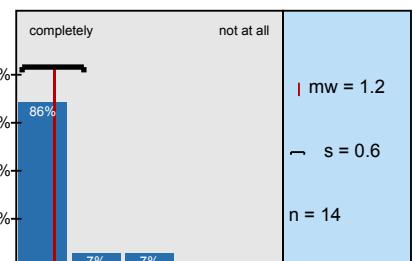
The aim of the course was clear from the very beginning.



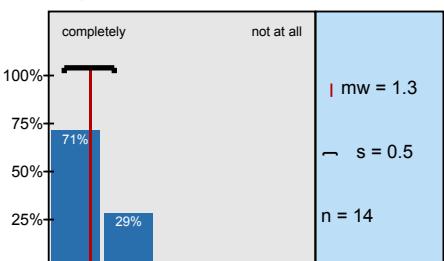
By the end of the semester, the aim of the course had been achieved.



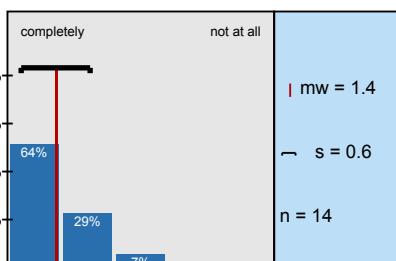
Each session adequately made reference to the material covered in the last session.



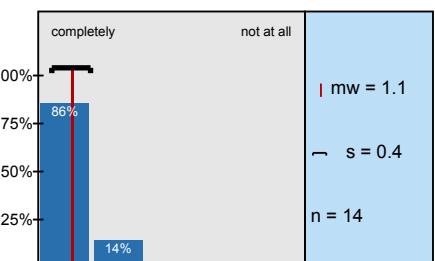
The instructor made sure that students understood the learning material



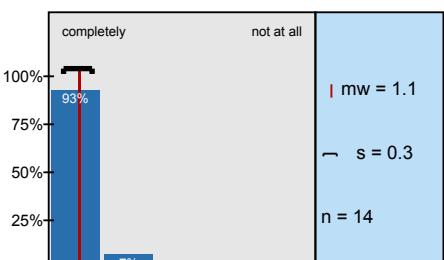
The explanations provided by the instructor were comprehensible.



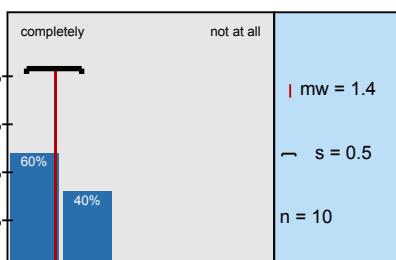
The instructor appeared to be well-prepared.



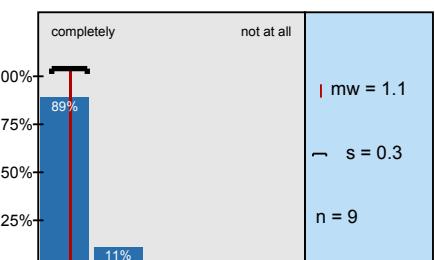
The media incorporated in the course (board, transparencies, presentations, ...) contributed to the



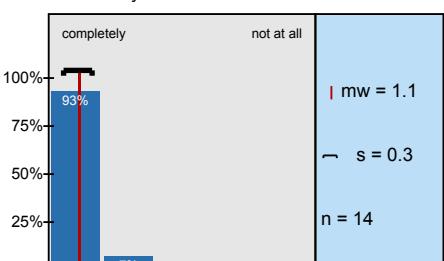
This part of the module is in line with the module as a whole.



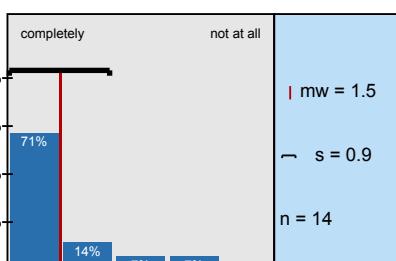
The material of the course corresponds to the description of the module.



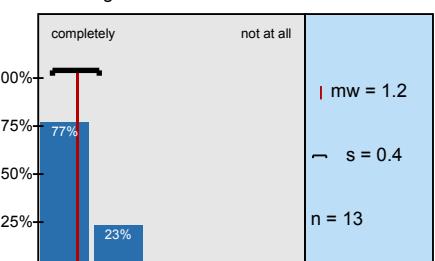
The instructor was able to answer questions posed in class satisfactorily.



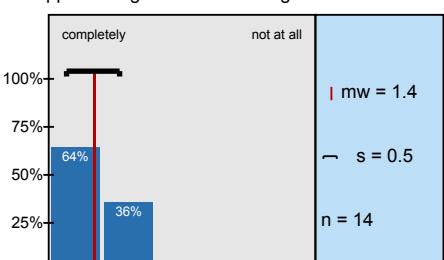
The requirements for earning a "Schein" were clearly stated.



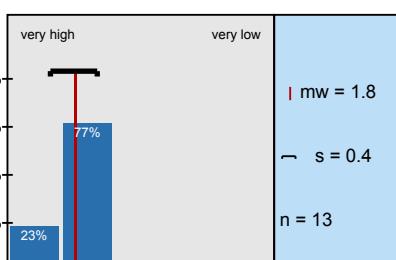
There was sufficient opportunity to speak with the instructor during his or her office hours.



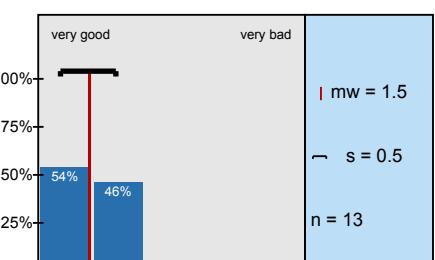
In general, the instructor offered adequate assistance and support in regard to the learning of course



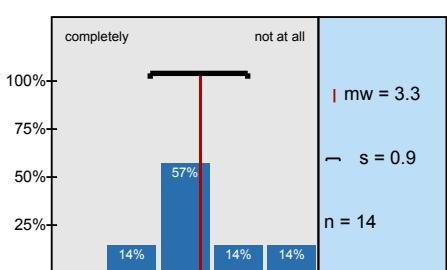
The overall effectiveness of this course was



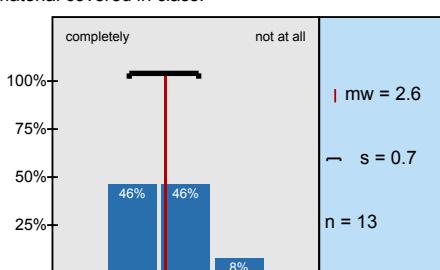
In general, I found the course to be



I always prepared for the course adequately.



I had no problems finding time to follow up on the material covered in class.

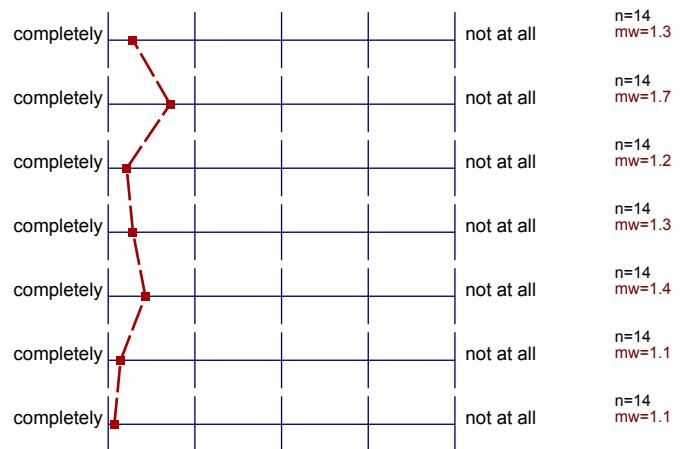


# Profillinie

**Teilbereich:** FB C - Physik  
**Name der/des Lehrenden:** Prof. Ralf Koppmann  
**Titel der Lehrveranstaltung:** Einführung in die Atmosphärenphysik (D0718\_1112\_382)  
 (Name der Umfrage)

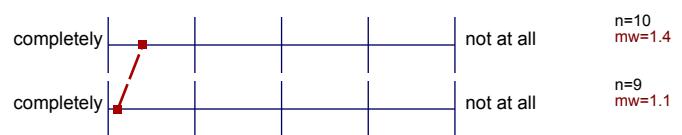
## 1. Presentation of the learning material

- 1.1) The aim of the course was clear from the very beginning.
- 1.2) By the end of the semester, the aim of the course had been achieved.
- 1.3) Each session adequately made reference to the material covered in the last session.
- 1.4) The instructor made sure that students understood the learning material
- 1.5) The explanations provided by the instructor were comprehensible.
- 1.6) The instructor appeared to be well-prepared.
- 1.7) The media incorporated in the course (board, transparencies, presentations, ...) contributed to the understanding of the learning material.



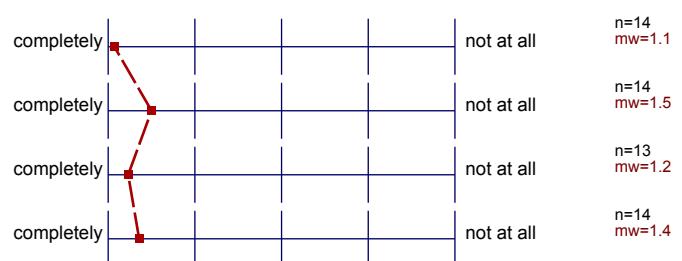
## 2. Structure

- 2.2) This part of the module is in line with the module as a whole.
- 2.3) The material of the course corresponds to the description of the module.



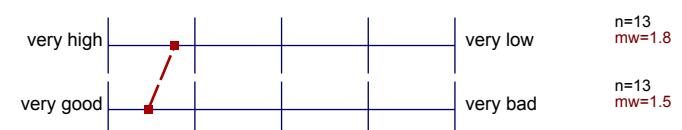
## 3. Supervision / Support

- 3.1) The instructor was able to answer questions posed in class satisfactorily.
- 3.2) The requirements for earning a "Schein" were clearly stated.
- 3.3) There was sufficient opportunity to speak with the instructor during his or her office hours.
- 3.4) In general, the instructor offered adequate assistance and support in regard to the learning of course material.



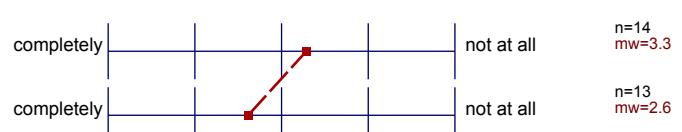
## 4. Overall evaluation

- 4.1) The overall effectiveness of this course was
- 4.2) In general, I found the course to be



## 5. Time expenditure

- 5.3) I always prepared for the course adequately.
- 5.4) I had no problems finding time to follow up on the material covered in class.

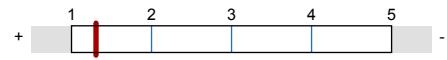


# Präsentationsvorlage

Einführung in die Atmosphärenphysik (D0718\_1112\_382)  
Prof. Ralf Koppmann  
Erfasste Fragebögen = 14

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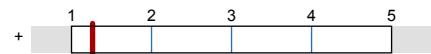
## 1. Presentation of the learning material



mw=1.3

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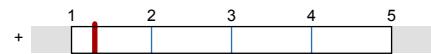
## 2. Structure



mw=1.3

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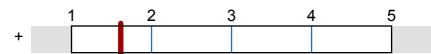
## 3. Supervision / Support



mw=1.3

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## 4. Overall evaluation



mw=1.6

## Auswertungsteil der offenen Fragen

## 8. Further questions

- 8.1) Are there any other courses that cover the same material? Did you find this positive or negative?

No. But helps understand some chemical processes in chemistry.

teilweise Überschneidung mit Stoff aus der EP1 Vorlesung

The exercise covers the same material, that's good!

not really, only knowledge from school.

- 8.2) What did you particularly like about this course? Why?

clear structure; summary pages; connections to real measurements (mesopause temperature).  
(actual research).

Best use of multimedia! Pictures, Videos and animations helped very much to understand everything. Very good prepared lessons! The online access to the slides is extremely useful for preparations and homework.

Understanding of the Energy Balance in the Atmosphere and atmospheric processes in general.

- die behandelten Themen wurden sehr anschaulich dargestellt, ausreichend viele Beispiele etc.
- Die "Weihnachtsvorlesung" war sehr interessant und motivierend
- Fachübergreifende Allgemeinbildung
- Animationen + Bilder
- Mediennutzung
- Alltagsbezüge
- Veranschaulichungen

I like the structure of this course. The different topics build up on each other

Handscript on the internet, explanation of daily-life phenomena

The professor was well prepared, all lectures in the internet, keywords after each lecture

The course was really an "introduction" covering a lot of aspects concerning the topic.

The "key words" at the end of each lecture are good reminders.

8.3) What did you particularly dislike about this course? Why? What can be improved in the future in this regard?

Sometimes the structure of the material was not completely clear. One didn't always know what the final aim of a calculation was, or for what a new derived formulae could be useful.

lectures held late afternoon after a busy day with other courses I propose the schedule to be as if earlier like 10:00am or 12:00pm.

- Skript im Nachhinein schwer nachvollziehbar  
(handschriftliches)
- Uhrzeit (zu spät)

On one hand the time of the lectures are good, because there are no difficulties with other lectures, but after a whole day in university with much lectures and examination preparation, it's hard to concentrate...

sometimes in the script there appear new letters that are explained in the lecture but not in the script.