

EvaSys Dr. Kathrin Prümm

Prof. Dr. Uwe Apel (PERSÖNLICH)

Results of evaluated course

Sehr geehrter Herr Prof. Dr. Apel,

Enclosed please find your evaluation results for “Design and Modelling of Space Propulsion Systems” (course ID: M 008)

Questionnaire: V 14_engl
Period: WS 19/20
Dept./unit: Fak 5 Maschb.
Program of study: AT
Semester: 2

Following the „Evaluationsordnung der Hochschule Bremen“ the academic deans will receive a copy of this report at the end of the semester.

Sincerely
your EvaSys-Team

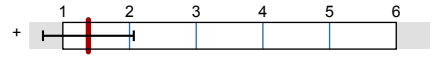
Prof. Dr. Uwe Apel

Design and Modelling of Space Propulsion Systems (M 008)
Erfasste Fragebögen = 16



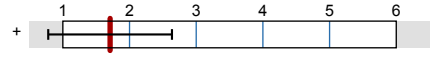
Globalwerte

1. Organization (Skalenbreite: 6)



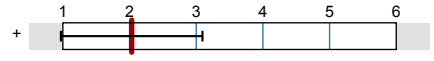
mw=1,38
s=0,68

2. Learning goals, didactics and methodology (Skalenbreite: 6)



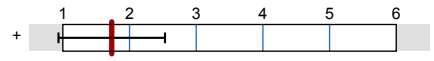
mw=1,71
s=0,93

3. Own learning behaviour and workload (Skalenbreite: 6)



mw=2,03
s=1,06

4. Overall evaluation (Skalenbreite: 6)

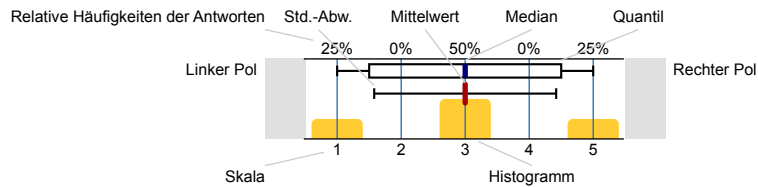


mw=1,73
s=0,8

Auswertungsteil der geschlossenen Fragen

Legende

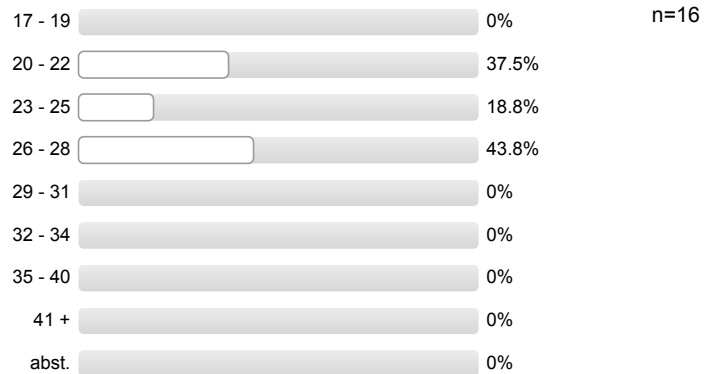
Frage-
text



n=Anzahl
mw=Mittelwert
md=Median
s=Std.-Abw.
E.=Enthaltung

General information

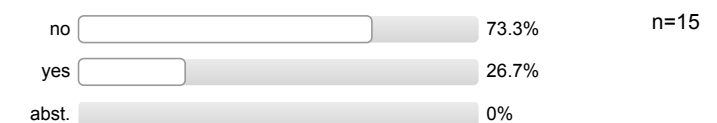
Age group (last full year since birth, i. e. your age)



Sex

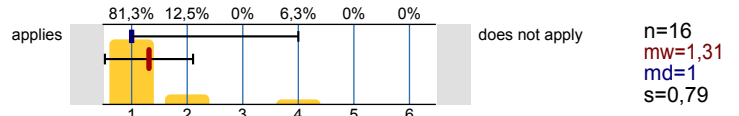


Exchange student

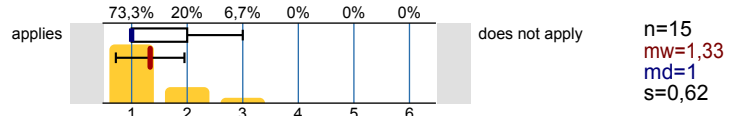


1. Organization

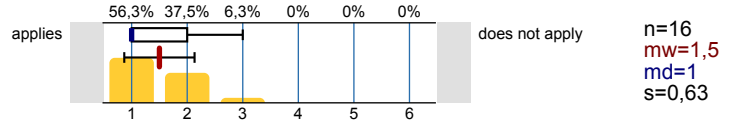
Information about organizational matters is sufficient



Course work and examination requirements are made transparent

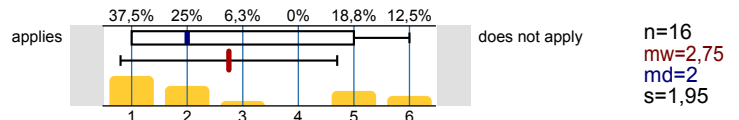


The content taught corresponds to the description of the module

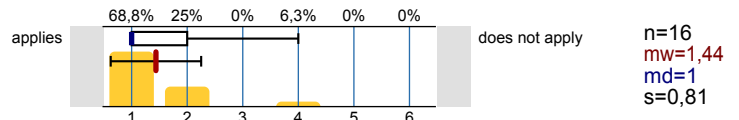


2. Learning goals, didactics and methodology

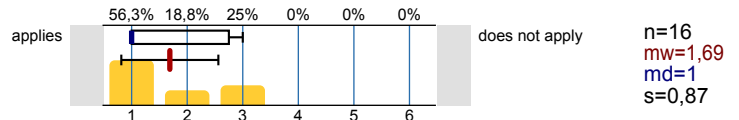
My previous knowledge is sufficient to be able to meet the requirements of the course



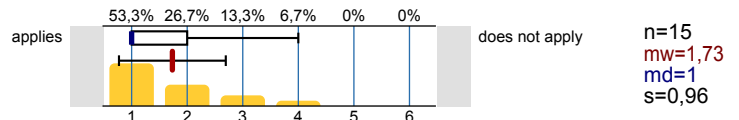
The educational goals of the course are clear



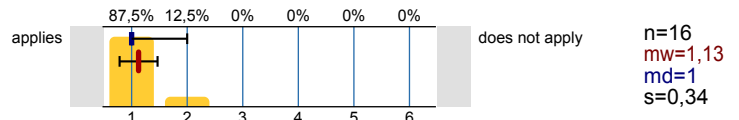
The course has a clearly recognizable concept (an ongoing theme throughout)



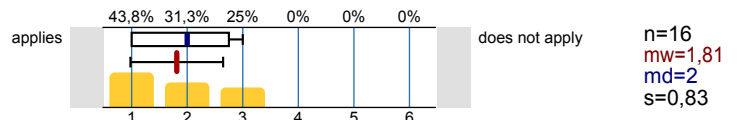
The course supports me in acquiring the contents



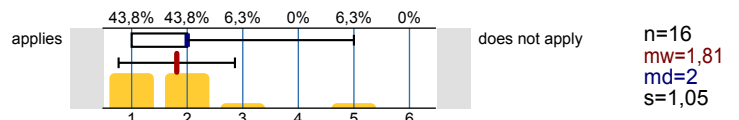
Students' questions and comprehension difficulties are dealt with appropriately



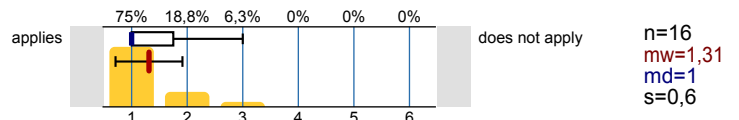
Accompanying materials and offers are helpful



Study exercises, offers, consultations etc. are a good basis for the self-study

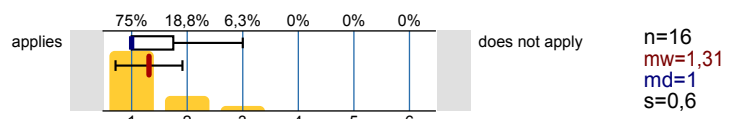


There is a clear relationship to the objective of the study

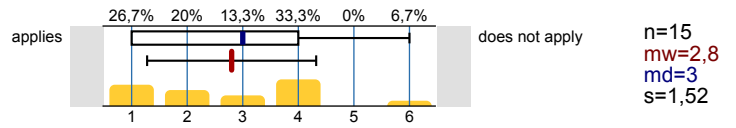


3. Own learning behaviour and workload

The course stimulates me to spend time on the contents

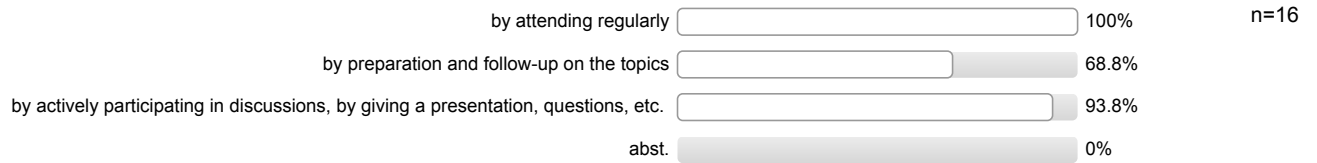


The effort I expend on the self-study (including preparation and follow-up, taking examinations ...) is reasonable



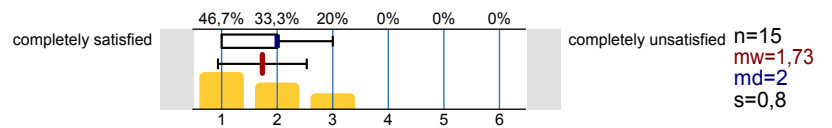
Participation

In what manner does participation in the course take place? (multiple answers possible)



4. Overall evaluation

All in all: How satisfied are you with this course?



Profillinie

Teilbereich: Fak 5 Maschb.

Name der/des Lehrenden: Prof. Dr. Uwe Apel

Titel der Lehrveranstaltung: Design and Modelling of Space Propulsion Systems (M 008)
(Name der Umfrage)

Verwendete Werte in der Profillinie: Mittelwert

1. Organization

Information about organizational matters is sufficient	applies		does not apply	n=16	mw=1,31	md=1,00	s=0,79
Course work and examination requirements are made transparent	applies		does not apply	n=15	mw=1,33	md=1,00	s=0,62
The content taught corresponds to the description of the module	applies		does not apply	n=16	mw=1,50	md=1,00	s=0,63

2. Learning goals, didactics and methodology

My previous knowledge is sufficient to be able to meet the requirements of the course	applies		does not apply	n=16	mw=2,75	md=2,00	s=1,95
The educational goals of the course are clear	applies		does not apply	n=16	mw=1,44	md=1,00	s=0,81
The course has a clearly recognizable concept (an ongoing theme throughout)	applies		does not apply	n=16	mw=1,69	md=1,00	s=0,87
The course supports me in acquiring the contents	applies		does not apply	n=15	mw=1,73	md=1,00	s=0,96
Students' questions and comprehension difficulties are dealt with appropriately	applies		does not apply	n=16	mw=1,13	md=1,00	s=0,34
Accompanying materials and offers are helpful	applies		does not apply	n=16	mw=1,81	md=2,00	s=0,83
Study exercises, offers, consultations etc. are a good basis for the self-study	applies		does not apply	n=16	mw=1,81	md=2,00	s=1,05
There is a clear relationship to the objective of the study	applies		does not apply	n=16	mw=1,31	md=1,00	s=0,60

3. Own learning behaviour and workload

The course stimulates me to spend time on the contents	applies		does not apply	n=16	mw=1,31	md=1,00	s=0,60
The effort I expend on the self-study (including preparation and follow-up, taking examinations ...) is reasonable	applies		does not apply	n=15	mw=2,80	md=3,00	s=1,52

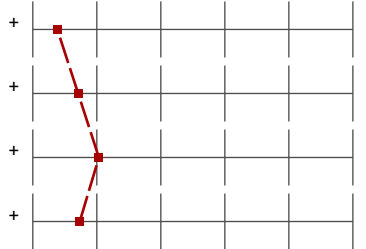
4. Overall evaluation

All in all: How satisfied are you with this course?	completely satisfied		completely unsatisfied	n=15	mw=1,73	md=2,00	s=0,80
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Profillinie für Indikatoren

Teilbereich: Fak 5 Maschb.
 Name der/des Lehrenden: Prof. Dr. Uwe Apel
 Titel der Lehrveranstaltung: Design and Modelling of Space Propulsion Systems (M 008)
 (Name der Umfrage)

1. Organization (Skalenbreite: 6)



mw=1,38

s=0,68

2. Learning goals, didactics and methodology (Skalenbreite: 6)

mw=1,71

s=0,93

3. Own learning behaviour and workload (Skalenbreite: 6)

mw=2,03

s=1,06

4. Overall evaluation (Skalenbreite: 6)

mw=1,73

s=0,80

Auswertungsteil der offenen Fragen

Auto-Gruppe

What did you especially like about the course?

- - the practical assignment of developing a mission
- Der Tiefgang des Kurses beim Design eines Raumfahrzeugs ist super!
Ich würde die Berechnungen und Modellierungen gerne noch genauer durchführen wollen. Schade, dass dieser Kurs nur ein Semester geht!
Vielen Dank für solch ein tolles Modul [Name Dozent_in]!
- Interesting topic with a clear and reasonable link to real problems.
- The course is very interesting but is far from easy to follow without a strong background
The project format is very motivating and allows us to learn by doing things with a "personal" twist.
- good self study concept
interesting module/project

What should be changed?

- Erasmus students are overwhelmed by the contents. It should be considered to exclude those without a Bachelors degree.
- Es sollte nicht mehr möglich sein für Austauschstudierende die noch keinen Bachelorabschluss haben, Mastermodule zu belegen.
Zudem die Zulassungsvoraussetzungen für den Master sehr streng sind.
Die Kenntnisse dieser Studierenden reichen nicht aus um in diesem Projektmodul helfen zu können.
- The slides feel like a succession of important information but the link between them isn't always obvious.
Maybe it should be a pre-requisite to have worked on such a project beforehand to attend this class
- lack of some constructs which are very hard to acquire for calculations.
Erasmus students should not be allowed to attend AerospaceMaster courses without a previous bachelor in a suitable field of study ->
see Master application acquirement.
Very time consuming to include erasmus students in project without their previous knowlegde at the field of Aerospace technologies
- nothing