

Description of the clusters

Cluster	Description	Example
Understanding		
Content-related	Perceived understanding of content	„Feedback for understanding“
Too slow/ fast	Perceived speed of speech of the teacher	„Tempo: am I too fast or too slow in the lecture“
Picture	Visual contact with students by activating the camera function	„Ideally, I would also see the students, but this is sometimes limited due to the range and technology“
Social presence	Atmosphere and relationship to the students	„Furthermore, it is important for me to create a pleasant atmosphere in both virtual and real space.“
Motivation	Interests and goals of the students to take part in the online lecture	„Whether the students are still there“
Prior knowledge	Information about the students' whereabouts or time zone	„previous knowledge of the students and whether the topic has already been dealt with“
Profile variables	Personal background variables of the students like information about the students' whereabouts or time zone	„Location/ time zone, technical equipment“
Attention	Allocation of consciousness resources to consciousness content	„Whether the students are actively involved or whether they are bored“
Reaction		
Mimic	Students facial expressions, including eye contact	„But personal information is also motivating for me as a lecturer and influences my lectures: visual (facial) reactions to lecture elements.“
Gestures	Students movements, especially hand signals	„Hand signals for requests to speak“
Acoustics	Students verbal expressions / reactions	„for example acoustic (e.g. laughter) reactions to lecture elements“
Technical challenge	Technical possibilities of the students, such as sharing the screen, technical faults and the consideration of accessibility aspects	„Should there be any technical problems on the part of the students, I should be informed about them at the beginning (e.g. micro does not work), bad internet connection, etc.“