

# What and how are you learning in the summer semester 2020?



Dear students,

like all universities, the Hamburg University of Technology is facing the unexpected challenge of organizing the 2020 summer semester with as little physical contact as possible. To this end, all those involved at the TUHH have designed solutions and are using various digital possibilities. In order to be able to understand how teaching will be organised at the TU in the summer semester 2020 and what your current learning situations and previous experiences are like, we have designed an anonymous survey incorporating the feedback of the boards of the departments' student body. We are planning another one at the end of the summer semester.

In order to use our experience for the future of teaching and to

enable you to continue to study well in the summer semester 2020,  
we would be pleased if you took part in this first survey by  
25.05.2020.

The survey is voluntary and anonymous. There will be no evaluation  
at individual case level.

If you have any questions or comments, do not hesitate to contact Dr.  
Sara Bornhöft (ZLL) or Dr. Tina Ladwig (HOOU).

There are 38 questions in this survey.

## Contextual information

The first questions are about you and your experiences with online based courses as  
well as the current situation.

At which department is your study programme located? \*

🗨️ Check all that apply

Please choose **all** that apply:

- Civil engineering (B)
- Electrical Engineering, Computer Science and Mathematics (E)
- Vocational Subject Education (G)
- Management Sciences and Technology (W)
- Mechanical Engineering (M)
- Process and Chemical Engineering (V)
- AIW/FIT

Other:

What stage of study are you in?

❗ Choose one of the following answers

Please choose **only one** of the following:

Exchange semester/year

Bachelor

Master

Orientation studies

Other

What do you want to share with us?

We have chosen this question format in order to give you the opportunity for multiple answers and space for your own statements, which in your opinion are important for studying and teaching. The answers are optional. If your answers lead to wishes or suggestions for the TU, you can communicate them to us at the end of the survey.

❗ Check all that apply

Please choose **all** that apply:

I am the first person to study in my inner family.

I did an apprenticeship before my studies.

I take care of one or more children up to 15 years.

I have a physical impairment.

I have a mental impairment

I care for people in need of care.

I am an international student.

I feel that I belong to a female sex.

I feel that I belong to a male sex.

I feel that I belong to a diverse gender.

Other:

Have you ever taken part in an online supported course before the summer semester 2020?

🗳️ Choose one of the following answers

Please choose **only one** of the following:

yes

no

How would you summarize your experience with the online supported course(s)?

1=very bad <-> 5=very good

Only answer this question if the following conditions are met:

Answer was 'yes' at question '4 [A4]' (Have you ever taken part in an online supported course before the summer semester 2020?)

Please choose **only one** of the following:

1

2

3

4

5

What did you particularly like or not like at all in the online supported course(s) ?

Only answer this question if the following conditions are met:

Answer was 'yes' at question '4 [A4]' (Have you ever taken part in an online supported course before the summer semester 2020?)

Please write your answer here:

To what extent do you agree with the following statements?

(1= fully agree ↔ 4=don't agree at all)

Please choose the appropriate response for each item:

	<b>strongly agree</b>	<b>rather agree</b>	<b>partly agree</b>	<b>rather disagree</b>	<b>strongly disagree</b>
<b>My technical equipment at home is sufficient to handle my studies online well.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>My spatial situation at home is suitable to manage my studies online well.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>My personal and social circumstances allow me to cope well with my studies online.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>The necessary information on online studies and courses is easily available.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>In this extreme situation I also have to accept disadvantages like an extended study.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>The current situation should give us cause to think fundamentally about teaching and its potential for improvement.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What technical equipment do you have?

Please choose the appropriate response for each item:

	<b>yes</b>	<b>no</b>
<b>Desktop PC</b>	<input type="radio"/>	<input type="radio"/>
<b>Laptop</b>	<input type="radio"/>	<input type="radio"/>
<b>Tablet</b>	<input type="radio"/>	<input type="radio"/>
<b>Smartphone</b>	<input type="radio"/>	<input type="radio"/>
<b>Webcam (integrated in end device or separate)</b>	<input type="radio"/>	<input type="radio"/>
<b>Headset (integrated in end device or separate)</b>	<input type="radio"/>	<input type="radio"/>
<b>a stable internet access</b>	<input type="radio"/>	<input type="radio"/>

In view of the spread of the coronavirus, which of the following measures have you taken regarding your studies?

🗨️ Check all that apply

Please choose **all** that apply:

- Work at home at the place of residence
- Work at the parents' place of residence
- Work at my partner's place of residence
- Establishment of or participation in private learning groups
- Purchase of books and other teaching materials
- Purchase of online learning services
- Reduction of my study goals
- I have not taken any of these measures.
- I couldn't take any of these actions even though I wanted to.

Other:

## Your courses

The following questions are about your experiences with and in your current courses.

How have your lecturers communicated the changes in the summer semester 2020 to you?

🗨️ Check all that apply

Please choose **all** that apply:

- Entry in StudIP
- Entry in Stine
- E-mail
- Institute website
- Video conference

Other:

In which course formats will you participate in the summer semester 2020?

Your answers will serve as a basis for some of the following questions. \*

🗳️ Check all that apply

Please choose **all** that apply:

- Lecture hall exercise
- Laboratory course
- Laboratory exercise
- Practical course
- Project based course
- Repetitorium (Revision course)
- Seminar
- Tutorial
- Exercise
- Lecture

Other:

Do you or will you attend more, just as many or fewer courses due to the digital-only teaching?

How do you explain your answer?

🗳️ Choose one of the following answers  
Please choose **only one** of the following:

- rather more courses
- the same number of courses
- rather less courses

Make a comment on your choice here:

## Which technical solutions are used in your courses in the summer semester 2020?

Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.

\*

**i** Check all that apply

Please choose **all** that apply:

- Augmented/Virtual Reality
- Chat services (mattermost etc.)
- Electronic texts (eBooks, PDF)
- E-mail
- E-portfolio (e.g. Mahara)
- Livestreams (e.g. via Mediasite)
- Teaching videos (shot by the lecturer)
- instructional videos (provided by others via youtube, vimeo etc.)
- learning platforms (e.g. StudIp, HumHub)
- Podcasts (recorded by lecturer)
- Podcasts (provided by others)
- Remote laboratories (developed by lecturer)
- Remote laboratories (provided by others)
- Simulations
- Social networks (e.g. HumHub)
- Conference Calls
- Videoconferencing (e.g. via DFN or Zoom)
- Webinars
- Wikis/Web pages/etherpads
- Lecture recordings (e.g. via Mediasite)
- Online whiteboards

Other:

## Which technical solutions help you most in learning?

In the comment field you can add why you made this selection and which solutions you are referring to. It can also be solutions that are not used in your courses.

**!** Comment only when you choose an answer.

Please choose all that apply and provide a comment:

<input type="checkbox"/> Augmented/Virtual Reality	<input type="text"/>
<input type="checkbox"/> Chat services (mattermost etc.)	<input type="text"/>
<input type="checkbox"/> Electronic texts (eBooks, PDF)	<input type="text"/>
<input type="checkbox"/> E-mail	<input type="text"/>
<input type="checkbox"/> E-portfolio (e.g. Mahara)	<input type="text"/>
<input type="checkbox"/> Livestreams (e.g. via Mediasite)	<input type="text"/>
<input type="checkbox"/> Teaching videos (shot by the lecturer)	<input type="text"/>
<input type="checkbox"/> instructional videos (provided by others via youtube, vimeo etc.)	<input type="text"/>
<input type="checkbox"/> learning platforms (e.g. Studlp, HumHub)	<input type="text"/>
<input type="checkbox"/> Podcasts (recorded by lecturer)	<input type="text"/>
<input type="checkbox"/> Podcasts (provided by others)	<input type="text"/>
<input type="checkbox"/> Remote laboratories (developed by lecturer)	<input type="text"/>
<input type="checkbox"/> Remote laboratories (provided by others)	<input type="text"/>
<input type="checkbox"/> Simulations	<input type="text"/>
<input type="checkbox"/> Social networks (e.g. HumHub)	<input type="text"/>
<input type="checkbox"/> Conference Calls	<input type="text"/>
<input type="checkbox"/> Videoconferencing (e.g. via DFN or Zoom)	<input type="text"/>

Webinars Wikis/Web pages/etherpads Lecture recordings (e.g. via Mediasite) Online whiteboards

Other:

For you personally, how helpful for learning are particularly...?

Please explain your choice in the corresponding text field.

	<b>extremely helpful</b>	<b>very helpful</b>	<b>somewhat helpful</b>	<b>partly helpful</b>	<b>not helpful at all</b>
<b>Lecture recordings</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>virtual courses with video conferencing tools</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

How do you rate your current experience with the technical solutions you chose above in the exercise/s?

You can explain your answer in the following question.

Only answer this question if the following conditions are met:

Answer was at question '11 [B2]' (In which course formats will you participate in the summer semester 2020? Your answers will serve as a basis for some of the following questions.)

Please choose the appropriate response for each item:

Only answer this question for the items you selected in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

Only answer this question for the items you did not select in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

	<b>very good</b>	<b>rather good</b>	<b>moderately bad</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my exercise/s.</b>
<b>Augmented/Virtual Reality</b>	<input type="radio"/>					
<b>Chat services (mattermost etc.)</b>	<input type="radio"/>					
<b>Electronic texts (eBooks, PDF)</b>	<input type="radio"/>					
<b>E-mail</b>	<input type="radio"/>					
<b>E-portfolio (e.g. Mahara)</b>	<input type="radio"/>					
<b>Livestreams (e.g. via Mediasite)</b>	<input type="radio"/>					
<b>Teaching videos (shot by the lecturer himself)</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately bad</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my exercise/s.</b>
<b>instructional videos (provided by others via youtube, vimeo etc.)</b>	<input type="radio"/>					
<b>learning platforms (e.g. Studlp, HumHub)</b>	<input type="radio"/>					
<b>Podcasts (recorded by lecturer himself)</b>	<input type="radio"/>					
<b>Podcasts (provided by others)</b>	<input type="radio"/>					
<b>Remote laboratories (developed by lecturer himself)</b>	<input type="radio"/>					
<b>Remote laboratories (provided by others)</b>	<input type="radio"/>					
<b>Simulations</b>	<input type="radio"/>					
<b>Social networks (e.g. HumHub)</b>	<input type="radio"/>					
<b>Conference Calls</b>	<input type="radio"/>					
<b>Videoconferencing (e.g. via DFN or Zoom)</b>	<input type="radio"/>					
<b>Webinars</b>	<input type="radio"/>					
<b>Wikis/Web pages/etherpads</b>	<input type="radio"/>					
<b>Lecture recordings (e.g. via Mediasite)</b>	<input type="radio"/>					
<b>Online whiteboards</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately bad</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my excercise/s.</b>
<b>{B4_other}</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you have not chosen any other technical solutions above, an empty line is shown, which you can rate with "no answer".

How do you rate your current experience with the technical solutions you mentioned above in the lecture(s)?

You can explain your answer in the following question.

Only answer this question if the following conditions are met:

Answer was at question '11 [B2]' (In which course formats will you participate in the summer semester 2020? Your answers will serve as a basis for some of the following questions.)

Please choose the appropriate response for each item:

Only answer this question for the items you selected in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

Only answer this question for the items you did not select in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

	<b>very good</b>	<b>rather good</b>	<b>moderately bad</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my lecture/s.</b>
<b>Augmented/Virtual Reality</b>	<input type="radio"/>					
<b>Chat services (mattermost etc.)</b>	<input type="radio"/>					
<b>Electronic texts (eBooks, PDF)</b>	<input type="radio"/>					
<b>E-mail</b>	<input type="radio"/>					
<b>E-portfolio (e.g. Mahara)</b>	<input type="radio"/>					
<b>Livestreams (e.g. via Mediasite)</b>	<input type="radio"/>					
<b>Teaching videos (shot by the lecturer himself)</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately bad</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my lecture/s.</b>
<b>instructional videos (provided by others via youtube, vimeo etc.)</b>	<input type="radio"/>					
<b>learning platforms (e.g. Studlp, HumHub)</b>	<input type="radio"/>					
<b>Podcasts (recorded by lecturer himself)</b>	<input type="radio"/>					
<b>Podcasts (provided by others)</b>	<input type="radio"/>					
<b>Remote laboratories (developed by lecturer himself)</b>	<input type="radio"/>					
<b>Remote laboratories (provided by others)</b>	<input type="radio"/>					
<b>Simulations</b>	<input type="radio"/>					
<b>Social networks (e.g. HumHub)</b>	<input type="radio"/>					
<b>Conference Calls</b>	<input type="radio"/>					
<b>Videoconferencing (e.g. via DFN or Zoom)</b>	<input type="radio"/>					
<b>Webinars</b>	<input type="radio"/>					
<b>Wikis/Web pages/etherpads</b>	<input type="radio"/>					
<b>Lecture recordings (e.g. via Mediasite)</b>	<input type="radio"/>					
<b>Online whiteboards</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately good</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my lecture/s.</b>
<b>{B4_other}</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you have not chosen any other technical solutions above, an empty line is shown, which you can rate with "no answer".

How do you rate your current experience with the technical solutions you mentioned above in the tutor course(s)?

You can explain your answer in the following question.

Only answer this question if the following conditions are met:

Answer was at question '11 [B2]' (In which course formats will you participate in the summer semester 2020? Your answers will serve as a basis for some of the following questions.)

Please choose the appropriate response for each item:

Only answer this question for the items you selected in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

Only answer this question for the items you did not select in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

	<b>very good</b>	<b>rather good</b>	<b>moderately bad</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my tutorial/s.</b>
<b>Augmented/Virtual Reality</b>	<input type="radio"/>					
<b>Chat services (mattermost etc.)</b>	<input type="radio"/>					
<b>Electronic texts (eBooks, PDF)</b>	<input type="radio"/>					
<b>E-mail</b>	<input type="radio"/>					
<b>E-portfolio (e.g. Mahara)</b>	<input type="radio"/>					
<b>Livestreams (e.g. via Mediasite)</b>	<input type="radio"/>					
<b>Teaching videos (shot by the lecturer himself)</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately bad</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my tutorial/s.</b>
<b>instructional videos (provided by others via youtube, vimeo etc.)</b>	<input type="radio"/>					
<b>learning platforms (e.g. Studlp, HumHub)</b>	<input type="radio"/>					
<b>Podcasts (recorded by lecturer himself)</b>	<input type="radio"/>					
<b>Podcasts (provided by others)</b>	<input type="radio"/>					
<b>Remote laboratories (developed by lecturer himself)</b>	<input type="radio"/>					
<b>Remote laboratories (provided by others)</b>	<input type="radio"/>					
<b>Simulations</b>	<input type="radio"/>					
<b>Social networks (e.g. HumHub)</b>	<input type="radio"/>					
<b>Conference Calls</b>	<input type="radio"/>					
<b>Videoconferencing (e.g. via DFN or Zoom)</b>	<input type="radio"/>					
<b>Webinars</b>	<input type="radio"/>					
<b>Wikis/Web pages/etherpads</b>	<input type="radio"/>					
<b>Lecture recordings (e.g. via Mediasite)</b>	<input type="radio"/>					
<b>Online whiteboards</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately bad</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my tutorial/s.</b>
<b>{B4_other}</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you have not chosen any other technical solutions above, an empty line is shown, which you can rate with "no answer".

How do you rate your current experience with the technical solutions you mentioned above in the seminar(s)?

You can explain your answer in the following question.

Only answer this question if the following conditions are met:

Answer was at question '11 [B2]' (In which course formats will you participate in the summer semester 2020? Your answers will serve as a basis for some of the following questions.)

Please choose the appropriate response for each item:

Only answer this question for the items you selected in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

Only answer this question for the items you did not select in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

	<b>very good</b>	<b>rather good</b>	<b>moderately bad</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my seminar/s.</b>
<b>Augmented/Virtual Reality</b>	<input type="radio"/>					
<b>Chat services (mattermost etc.)</b>	<input type="radio"/>					
<b>Electronic texts (eBooks, PDF)</b>	<input type="radio"/>					
<b>E-mail</b>	<input type="radio"/>					
<b>E-portfolio (e.g. Mahara)</b>	<input type="radio"/>					
<b>Livestreams (e.g. via Mediasite)</b>	<input type="radio"/>					
<b>Teaching videos (shot by the lecturer himself)</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately bad</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my seminar/s.</b>
<b>instructional videos (provided by others via youtube, vimeo etc.)</b>	<input type="radio"/>					
<b>learning platforms (e.g. Studlp, HumHub)</b>	<input type="radio"/>					
<b>Podcasts (recorded by lecturer himself)</b>	<input type="radio"/>					
<b>Podcasts (provided by others)</b>	<input type="radio"/>					
<b>Remote laboratories (developed by lecturer himself)</b>	<input type="radio"/>					
<b>Remote laboratories (provided by others)</b>	<input type="radio"/>					
<b>Simulations</b>	<input type="radio"/>					
<b>Social networks (e.g. HumHub)</b>	<input type="radio"/>					
<b>Conference Calls</b>	<input type="radio"/>					
<b>Videoconferencing (e.g. via DFN or Zoom)</b>	<input type="radio"/>					
<b>Webinars</b>	<input type="radio"/>					
<b>Wikis/Web pages/etherpads</b>	<input type="radio"/>					
<b>Lecture recordings (e.g. via Mediasite)</b>	<input type="radio"/>					
<b>Online whiteboards</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately bad</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my seminar/s.</b>
<b>{B4_other}</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you have not chosen any other technical solutions above, an empty line is shown, which you can rate with "no answer".

How do you rate your current experience with the technical solutions you mentioned above in the repetitorium(s)?

You can explain your answer in the following question.

Only answer this question if the following conditions are met:

Answer was at question '11 [B2]' (In which course formats will you participate in the summer semester 2020? Your answers will serve as a basis for some of the following questions.)

Please choose the appropriate response for each item:

Only answer this question for the items you selected in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

Only answer this question for the items you did not select in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my Repetitorium (revision course/s).</b>
<b>Augmented/Virtual Reality</b>	<input type="radio"/>					
<b>Chat services (mattermost etc.)</b>	<input type="radio"/>					
<b>Electronic texts (eBooks, PDF)</b>	<input type="radio"/>					
<b>E-mail</b>	<input type="radio"/>					
<b>E-portfolio (e.g. Mahara)</b>	<input type="radio"/>					
<b>Livestreams (e.g. via Mediasite)</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my Repetitorium (revision course/s).</b>
<b>Teaching videos (shot by the lecturer himself)</b>	<input type="radio"/>					
<b>instructional videos (provided by others via youtube, vimeo etc.)</b>	<input type="radio"/>					
<b>learning platforms (e.g. Studlp, HumHub)</b>	<input type="radio"/>					
<b>Podcasts (recorded by lecturer himself)</b>	<input type="radio"/>					
<b>Podcasts (provided by others)</b>	<input type="radio"/>					
<b>Remote laboratories (developed by lecturer himself)</b>	<input type="radio"/>					
<b>Remote laboratories (provided by others)</b>	<input type="radio"/>					
<b>Simulations</b>	<input type="radio"/>					
<b>Social networks (e.g. HumHub)</b>	<input type="radio"/>					
<b>Conference Calls</b>	<input type="radio"/>					
<b>{B4_other}</b>	<input type="radio"/>					
<b>Webinars</b>	<input type="radio"/>					
<b>Wikis/Web pages/etherpads</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my Repetitorium (revision course/s).</b>
<b>Lecture recordings (e.g. via Mediasite)</b>	<input type="radio"/>					
<b>Online whiteboards</b>	<input type="radio"/>					

If you have not chosen any other technical solutions above, an empty line is shown, which you can rate with "no answer".

How do you rate your current experience with the technical solutions you mentioned above in the project-based course(s)?

You can explain your answer in the following question.

Only answer this question if the following conditions are met:

Answer was at question '11 [B2]' (In which course formats will you participate in the summer semester 2020? Your answers will serve as a basis for some of the following questions.)

Please choose the appropriate response for each item:

Only answer this question for the items you selected in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

Only answer this question for the items you did not select in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my Project based course/s.</b>
<b>Augmented/Virtual Reality</b>	<input type="radio"/>					
<b>Chat services (mattermost etc.)</b>	<input type="radio"/>					
<b>Electronic texts (eBooks, PDF)</b>	<input type="radio"/>					
<b>E-mail</b>	<input type="radio"/>					
<b>E-portfolio (e.g. Mahara)</b>	<input type="radio"/>					
<b>Livestreams (e.g. via Mediasite)</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my Project based course/s.</b>
<b>Teaching videos (shot by the lecturer himself)</b>	<input type="radio"/>					
<b>instructional videos (provided by others via youtube, vimeo etc.)</b>	<input type="radio"/>					
<b>learning platforms (e.g. Studlp, HumHub)</b>	<input type="radio"/>					
<b>Podcasts (recorded by lecturer himself)</b>	<input type="radio"/>					
<b>Podcasts (provided by others)</b>	<input type="radio"/>					
<b>Remote laboratories (developed by lecturer himself)</b>	<input type="radio"/>					
<b>Remote laboratories (provided by others)</b>	<input type="radio"/>					
<b>Simulations</b>	<input type="radio"/>					
<b>Social networks (e.g. HumHub)</b>	<input type="radio"/>					
<b>Conference Calls</b>	<input type="radio"/>					
<b>Videoconferencing (e.g. via DFN or Zoom)</b>	<input type="radio"/>					
<b>Webinars</b>	<input type="radio"/>					
<b>Wikis/Web pages/etherpads</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my Project based course/s.</b>
<b>Lecture recordings (e.g. via Mediasite)</b>	<input type="radio"/>					
<b>Online whiteboards</b>	<input type="radio"/>					
<b>{B4_other}</b>	<input type="radio"/>					

If you have not chosen any other technical solutions above, an empty line is shown, which you can rate with "no answer".

How do you rate your current experience with the technical solutions you mentioned above during your internship?

You can explain your answer in the following question.

Only answer this question if the following conditions are met:

Answer was at question '11 [B2]' (In which course formats will you participate in the summer semester 2020? Your answers will serve as a basis for some of the following questions.)

Please choose the appropriate response for each item:

Only answer this question for the items you selected in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

Only answer this question for the items you did not select in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my practical course/s.</b>
<b>Augmented/Virtual Reality</b>	<input type="radio"/>					
<b>Chat services (mattermost etc.)</b>	<input type="radio"/>					
<b>Electronic texts (eBooks, PDF)</b>	<input type="radio"/>					
<b>E-mail</b>	<input type="radio"/>					
<b>E-portfolio (e.g. Mahara)</b>	<input type="radio"/>					
<b>Livestreams (e.g. via Mediasite)</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my practical course/s.</b>
<b>Teaching videos (shot by the lecturer himself)</b>	<input type="radio"/>					
<b>instructional videos (provided by others via youtube, vimeo etc.)</b>	<input type="radio"/>					
<b>learning platforms (e.g. Studlp, HumHub)</b>	<input type="radio"/>					
<b>Podcasts (recorded by lecturer himself)</b>	<input type="radio"/>					
<b>Podcasts (provided by others)</b>	<input type="radio"/>					
<b>Remote laboratories (developed by lecturer himself)</b>	<input type="radio"/>					
<b>Remote laboratories (provided by others)</b>	<input type="radio"/>					
<b>Simulations</b>	<input type="radio"/>					
<b>Social networks (e.g. HumHub)</b>	<input type="radio"/>					
<b>Conference Calls</b>	<input type="radio"/>					
<b>Videoconferencing (e.g. via DFN or Zoom)</b>	<input type="radio"/>					
<b>Webinars</b>	<input type="radio"/>					
<b>Wikis/Web pages/etherpads</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my practical course/s.</b>
<b>Lecture recordings (e.g. via Mediasite)</b>	<input type="radio"/>					
<b>Online whiteboards</b>	<input type="radio"/>					
<b>{B4_other}</b>	<input type="radio"/>					

If you have not chosen any other technical solutions above, an empty line is shown, which you can rate with "no answer".

How do you rate your current experience with the technical solutions you mentioned above in the laboratory exercise(s)?

You can explain your answer in the following question.

Only answer this question if the following conditions are met:

Answer was at question '11 [B2]' (In which course formats will you participate in the summer semester 2020? Your answers will serve as a basis for some of the following questions.)

Please choose the appropriate response for each item:

Only answer this question for the items you selected in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

Only answer this question for the items you did not select in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my laboratory exercise(s).</b>
<b>Augmented/Virtual Reality</b>	<input type="radio"/>					
<b>Chat services (mattermost etc.)</b>	<input type="radio"/>					
<b>Electronic texts (eBooks, PDF)</b>	<input type="radio"/>					
<b>E-mail</b>	<input type="radio"/>					
<b>E-portfolio (e.g. Mahara)</b>	<input type="radio"/>					
<b>Livestreams (e.g. via Mediasite)</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my laboratory exercise(s).</b>
<b>Teaching videos (shot by the lecturer himself)</b>	<input type="radio"/>					
<b>instructional videos (provided by others via youtube, vimeo etc.)</b>	<input type="radio"/>					
<b>learning platforms (e.g. Studlp, HumHub)</b>	<input type="radio"/>					
<b>Podcasts (recorded by lecturer himself)</b>	<input type="radio"/>					
<b>Podcasts (provided by others)</b>	<input type="radio"/>					
<b>Remote laboratories (developed by lecturer himself)</b>	<input type="radio"/>					
<b>Remote laboratories (provided by others)</b>	<input type="radio"/>					
<b>Simulations</b>	<input type="radio"/>					
<b>Social networks (e.g. HumHub)</b>	<input type="radio"/>					
<b>Conference Calls</b>	<input type="radio"/>					
<b>Videoconferencing (e.g. via DFN or Zoom)</b>	<input type="radio"/>					
<b>Webinars</b>	<input type="radio"/>					
<b>Wikis/Web pages/etherpads</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my laboratory exercise(s).</b>
<b>Lecture recordings (e.g. via Mediasite)</b>	<input type="radio"/>					
<b>Online whiteboards</b>	<input type="radio"/>					
<b>{B4_other}</b>	<input type="radio"/>					

If you have not chosen any other technical solutions above, an empty line is shown, which you can rate with "no answer".

How do you rate your current experience with the technical solutions you mentioned above in your laboratory internship/ internships?

You can explain your answer in the following question.

Only answer this question if the following conditions are met:

Answer was at question '11 [B2]' (In which course formats will you participate in the summer semester 2020?Your answers will serve as a basis for some of the following questions.)

Please choose the appropriate response for each item:

Only answer this question for the items you selected in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

Only answer this question for the items you did not select in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my laboratory course/s.</b>
<b>Augmented/Virtual Reality</b>	<input type="radio"/>					
<b>Chat services (mattermost etc.)</b>	<input type="radio"/>					
<b>Electronic texts (eBooks, PDF)</b>	<input type="radio"/>					
<b>E-mail</b>	<input type="radio"/>					
<b>E-portfolio (e.g. Mahara)</b>	<input type="radio"/>					
<b>Livestreams (e.g. via Mediasite)</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my laboratory course/s.</b>
<b>Teaching videos (shot by the lecturer himself)</b>	<input type="radio"/>					
<b>instructional videos (provided by others via youtube, vimeo etc.)</b>	<input type="radio"/>					
<b>learning platforms (e.g. Studlp, HumHub)</b>	<input type="radio"/>					
<b>Podcasts (recorded by lecturer himself)</b>	<input type="radio"/>					
<b>Podcasts (provided by others)</b>	<input type="radio"/>					
<b>Remote laboratories (developed by lecturer himself)</b>	<input type="radio"/>					
<b>Remote laboratories (provided by others)</b>	<input type="radio"/>					
<b>Simulations</b>	<input type="radio"/>					
<b>Social networks (e.g. HumHub)</b>	<input type="radio"/>					
<b>Conference Calls</b>	<input type="radio"/>					
<b>Videoconferencing (e.g. via DFN or Zoom)</b>	<input type="radio"/>					
<b>Webinars</b>	<input type="radio"/>					
<b>Wikis/Web pages/etherpads</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my laboratory course/s.</b>
<b>Lecture recordings (e.g. via Mediasite)</b>	<input type="radio"/>					
<b>Online whiteboards</b>	<input type="radio"/>					
<b>{B4_other}</b>	<input type="radio"/>					

If you have not chosen any other technical solutions above, an empty line is shown, which you can rate with "no answer".

How do you rate your current experience with the technical solutions you mentioned above in the big recitation sections?

You can explain your answer in the following question.

Only answer this question if the following conditions are met:

Answer was at question '11 [B2]' (In which course formats will you participate in the summer semester 2020? Your answers will serve as a basis for some of the following questions.)

Please choose the appropriate response for each item:

Only answer this question for the items you selected in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

Only answer this question for the items you did not select in question B4 ('Which technical solutions are used in your courses in the summer semester 2020? Your answers will serve as a basis for some of the following rating questions. If there are any other technical solutions, please enter them here.')

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my lecture hall exercise(s).</b>
<b>Augmented/Virtual Reality</b>	<input type="radio"/>					
<b>Chat services (mattermost etc.)</b>	<input type="radio"/>					
<b>Electronic texts (eBooks, PDF)</b>	<input type="radio"/>					
<b>E-mail</b>	<input type="radio"/>					
<b>E-portfolio (e.g. Mahara)</b>	<input type="radio"/>					
<b>Livestreams (e.g. via Mediasite)</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my lecture hall excercise(s).</b>
<b>Teaching videos (shot by the lecturer himself)</b>	<input type="radio"/>					
<b>instructional videos (provided by others via youtube, vimeo etc.)</b>	<input type="radio"/>					
<b>learning platforms (e.g. Studlp, HumHub)</b>	<input type="radio"/>					
<b>Podcasts (recorded by lecturer himself)</b>	<input type="radio"/>					
<b>Podcasts (provided by others)</b>	<input type="radio"/>					
<b>Remote laboratories (developed by lecturer himself)</b>	<input type="radio"/>					
<b>Remote laboratories (provided by others)</b>	<input type="radio"/>					
<b>Simulations</b>	<input type="radio"/>					
<b>Social networks (e.g. HumHub)</b>	<input type="radio"/>					
<b>Conference Calls</b>	<input type="radio"/>					
<b>Videoconferencing (e.g. via DFN or Zoom)</b>	<input type="radio"/>					
<b>Webinars</b>	<input type="radio"/>					
<b>Wikis/Web pages/etherpads</b>	<input type="radio"/>					

	<b>very good</b>	<b>rather good</b>	<b>moderately</b>	<b>rather bad</b>	<b>very bad</b>	<b>None of this is used in my lecture hall excercise(s).</b>
<b>Lecture recordings (e.g. via Mediasite)</b>	<input type="radio"/>					
<b>Online whiteboards</b>	<input type="radio"/>					
<b>{B4_other}</b>	<input type="radio"/>					

If you have not chosen any other technical solutions above, an empty line is shown, which you can rate with "no answer".

How do you explain your ratings on your experience with the technical solutions in the different course formats?

Please write your answer here:

To what extent do you agree with the following statements across all your courses?

Please choose the appropriate response for each item:

	<b>I fully agree</b>	<b>I rather agree</b>	<b>I agree in part</b>	<b>I rather disagree</b>	<b>I don't agree at all</b>
<b>I understand the purpose of using the technical solutions in the courses.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>I have the opportunity to actively participate in the courses (e.g. ask questions, discuss).</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>I can easily find learning partners and meet and coordinate with them online.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>I have the possibility to exchange and work together with my fellow students virtually.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>I have the possibility to exchange exclusively with my fellow students without the teachers having insight.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Would you like to have a digital exchange forum for an exclusive and informal exchange with your fellow students?

Only answer this question if the following conditions are met:

Answer was 'I rather disagree ' or 'I don't agree at all' at question '27 [B7]' (To what extent do you agree with the following statements across all your courses? (I have the possibility to exchange exclusively with my fellow students without the teachers having insight.))

🗳️ Choose one of the following answers

Please choose **only one** of the following:

- yes
- no
- do not know/do not care

Make a comment on your choice here:

## Your needs and opinions

The last questions are about your opinions and especially your wishes and needs.

Which functions of technical solutions are particularly important to you in your courses?

ⓘ All your answers must be different and you must rank in order.

ⓘ Please select at most 6 answers

Please number each box in order of preference from 1 to 6

Exchange of data and documents

Communication / Cooperation

Examination, Testing

Reflection

Structuring / Collection

Visualization / Simulation

How important are the following characteristics of digital tools to you?

Please choose the appropriate response for each item:

	<b>highly important</b>	<b>important</b>	<b>partly important</b>	<b>less important</b>	<b>unimportant</b>
<b>Attractive design</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Accessibility</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>One-time registration for all tools</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>High storage capacity</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Individual adaptability of the functions</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Offline availability</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Interfaces to other tools</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Protection of my personal data</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Clearly arranged functions</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Availability as desktop application</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Reliable operation</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If there are other features of digital tools that are very important to you, what are they?

Please write your answer here:

How much time next to online presence do you spend on average per week for self-study (e.g. preparatory work, group work)?

Please enter the number of hours and round up.

Please write your answer here:

Do you spend more or less time on self-study than in corresponding face-to-face courses?

🗣️ Choose one of the following answers

Please choose **only one** of the following:

- more
- less
- It depends on the course.

Make a comment on your choice here:

How confident do you feel in using the digital tools offered in your course(s) in the summer semester 2020?

1=very insecure ↔ 5=very secure

Please choose **only one** of the following:

- 1
- 2
- 3
- 4
- 5

What are hopes or fears for your courses and studies in the summer semester 2020?

Please write your answer here:

What wishes would you like to express to lecturers regarding the design of the online courses for the summer semester 2020?

Please write your answer here:

What wishes would you like to express to those responsible for advisory or support services for students at the TUHH for the summer semester 2020?

Please write your answer here:

Do you have further additions or remarks that are important to you regarding the summer semester 2020 or digitalization in teaching and learning?

Please write your answer here:

Thank you very much for your participation!

If you have any questions or comments, please feel free to contact Dr. Sara Bornhöft ([sara.bornhoeft@tuhh.de](mailto:sara.bornhoeft@tuhh.de)) or Dr. Tina Ladwig ([tina.ladwig@tuhh.de](mailto:tina.ladwig@tuhh.de)).



Thank  
you!

06-17-2020 – 09:33

Submit your survey.  
Thank you for completing this survey.