

## COURSE REPORT - Collected documentation of course evaluation

The course report is a collected documentation of the course evaluation. The course evaluation takes into account the students' course evaluations, the views of the study administration, the teachers' views and the outcome of the course - i.e. the students' actual results, the implementation of the course and the conditions for the implementation of the course, such as teaching and supervision time, premises and support functions. The course report also contains an analysis and development/action plan for the course.

The course report forms the basis for feedback to students and for follow-up in quality dialogues both in the education-related and in the university-wide quality work.

### Background information (To be filled in by the study administrator)

<b>Course LADOK code:</b> BY217H	<b>Scope (credits):</b> 15
<b>Name of the course:</b> Built environment: Carbon-neutral construction and digital tools	
<b>Course coordinator:</b> Marwa Dabaieh	
<b>Semester of course:</b> HT-23	<b>Number of registered students:</b> 52
<b>Specify whether the course is a freestanding course, a programme course or contract education. If the course has been completed within a programme, state the programme name.</b> TGHAU23h A programme course	

### Study administration perspective (To be filled in by the study administrator)

<b>Views of the study administration:</b>
---

### Course evaluation forms and feedback (To be filled in by the course coordinator)

<b>Formative course evaluation:</b> (Describe the form of the course evaluation and when it was carried out)  Two evaluations has been made. In class evaluation and online blind evaluation.	<b>Number of participants in the course evaluation: a programme course</b>  48 and 22
<b>Summative course evaluation:</b> (Describe the form of the course evaluation and when it was carried out)  The evaluation has been carried out face to face in class with all the students. 48 of them joined this evaluation. Also the evaluation has been	<b>Number of participants in the course evaluation:</b> 22

made through blind online format in the evaluation survey.	
--	--

<b>Feedback to students:</b> (Describe how and when feedback is given to the current student group) Students feedback have been given to students face to face in class.
---

## Student perspective (To be filled in by the course coordinator)

<p><b>Summary of the students' course evaluations:</b> (The five mandatory questions should be highlighted. A summary from a survey tool can be attached if desired.)</p> <ul style="list-style-type: none"> <li>- <b>To what extent do you consider yourself to have achieved the learning objectives of the course?</b> Majority of students see that they have achieved the course learning objectives to large extent.</li> <li>- <b>To what extent do you consider that the course's work forms/learning activities have been a support in your learning to be able to achieve the learning goals?</b> Majority of students see that the course format helpful have been to large extent.</li> <li>- <b>To what extent do you think that the course's examination forms gave you the opportunity to show how well you achieved the learning objectives?</b> Majority of students see that the course examination form have given you the opportunity to show how well you achieved the learning objectives to large extent and to very large extent.</li> <li>- <b>To what extent do you consider the course as a whole to have met your expectations?</b> Majority of students see that the course met their expectations to large extent.</li> <li>- <b>To what extent has the course given you the opportunity to take responsibility for your own learning?</b> Majority of students see that the course given you the opportunity to take responsibility for your own learning in a very large extent.</li> </ul>
---

## Teacher's perspective (To be filled in by the course coordinator)

<p><b>Summary of teachers' views/Results:</b> (Here the comments on the implementation and results of the course are summarized based on an assessment of the students' actual learning outcomes in relation to the intended learning outcomes of the course. Both success factors and problems are identified.)</p> <p>This course marked the inaugural implementation within the new program. It presented considerable challenges, primarily stemming from the large student enrolment and constraints related to computer lab access and the availability of instructors possessing the requisite skills for the program. From an instructor's standpoint, I view it as a notable success, especially when evaluating the students' projects. Their work truly impressed me, showcasing a commendable level of quality. A positive aspect was the involvement of a practicing architect who provided guidance on design and design detailing. However, one aspect that left me dissatisfied pertains to the software instruction. We encountered issues with software accessibility and the availability of</p>
---

adequately sized labs to accommodate all students. Additionally, the allocated hours for teaching the software component were not fully utilized.

### **Analysis and development/action plan (To be filled in by the course coordinator)**

**Analysis:** (The course coordinator is responsible for ensuring that the analysis is based on a summary of the students' individual course evaluations, views from the teachers and study administrators concerned, the development of knowledge in the research field and that the analysis is carried out in collaboration with the teaching team.)

The overall outcome is highly satisfactory, especially considering that this course was conducted for the first time. The students demonstrated a keen interest in learning and exerted commendable effort in their group projects, achieving an impressive level of accomplishment, particularly given that this was their initial semester in their educational journey. It is imperative to acknowledge that continuous development is essential, given that this can be perceived as a trial or a pilot test.

**Development/action plan:** (This includes the changes planned in the short and long term, as well as a timetable for when the measures are planned to be implemented and information about who is responsible for ensuring that the implementation takes place. If identified problems are left unaddressed, this shall be justified. Follow-up of proposed measures according to previous course report(s) is presented here.)

I am planning to invest in creating tutorials for the software, which can be employed in subsequent courses and serve as a valuable resource for students throughout their educational journey. Additionally, I intend to allocate resources towards developing manuals to assist students in utilizing AI for rendering. Furthermore, I will invest in crafting manuals to guide students in mastering the art of layout design for their portfolios. These initiatives aim to enhance the educational experience and provide practical tools that contribute to the students' overall skill development.

### **Publishing and archiving (Provided by the study administrator)**

The course report is published and archived according to the university's instructions. Students will be notified of the publication.

The course report is shared with the programme director (if it is a programme course) and saved according to the department's possible further wishes.