

Assignment accompanying Course 2 – Transfer and Treatment of Human Excreta and Greywater

For this assignment you are requested to make your own choice. The goal of the assignment is to deepen your knowledge in a particular aspect of this course. This will be shown in your output.

For Course 2 you can choose one of the following assignments:

1. Choose a paper listed under Course 2 – Assignments and make a detailed summary of this in the form of a powerpoint presentation. The presentation should contain around 15 slides, and you should be able to use it to explain the content of the paper to an audience with it. That means you may have to look for additional sources to explain the theory behind the paper. If you have a microphone with your computer, you can record an audiofile of yourself giving the presentation – it will be a nice try-out for yourself to see whether your presentation is complete and has a logical build-up, and a great way of sharing your work with the colleagues in the class.
2. You can choose a Unit and create 15 self-assessment questions out of it, plus the answers. It can be a list with multiple choice questions (at least A, B, C) or with questions requiring short answers.
3. You can choose a technology out of Course 2 and create a design with it. You can choose between making a design for a single household, an office building of 20 people, or a school with 100 boys, 100 girls and 20 people staff, with 8 hours of school per day. You can assume cooking for lunch on location for the office and the school (cooking will mean: production of extra biomass in the form of organic waste on location, and a use for biogas), but you can also decide to focus on the toilet part only and give recommendations for treatment of the excreta.

I will assess the assignments as follows:

1. If your assignment meets the above criteria, makes sense and looks nice, you receive a 7.5.
2. If there are points for improvement, I will inform you, so you have the opportunity to improve your work. If you decide to leave them as they are because you are interested in passing, not necessarily a high mark, I may deduct some points with argumentation.
3. You can obtain bonus points for assignment 1 if you make the audiofile: a working audiofile with a clear presentation will give you 1 bonus point, leading to an 8.5. Additionally, if you make the presentation wider with other citations in the introduction, an example as a case study and a summarizing slide, you can receive another bonus point, leading to a 9.5. With a good design you receive a 10.
4. You can obtain bonus points for assignment 2 if you make questions for 2 units (+1.5) or for 3 units (+2.5).
5. You can obtain bonus points for assignment 3 if you decide to make an elaborate scheme with designs for treatment of all waste streams.