

TEL1 feedback questionnaire

1. What are the most important things you have learned during the TEL1-course?

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- I have learned a lot about the features to be considered when designing a course, the pedagogical ones, the technological ones and the practical ones. I also experienced collaborative work that was very enriching for me.
- On the one hand, I learned what kinds of elements and pedagogical issues I need to think out if I will design a course.
On the other hand, I learned how to use possible technological tools to assist teaching and learning in order to get better educational effect.
- The principles involved in integrating technology in learning, that the learning and pedagogical considerations are the most important starting points and technology only considered after them. I also learned how to evaluate technological instructional design, what features and aspects to look for, etc. Most importantly I also learned the skills to work collaboratively with other experts to start and complete a project.
- - concrete process to take into account when designing a web course
 - more knowledge about different applications that could be in web course
 - some good pedagogical ideas from other groups' work
- So much about project work, for example:
 - timetable is very convenient/ crucial tool
 - knowing the deadlines is important

About course design

- how to calculate a workload for example for 2 etc. course
- There is dozens of technological tools that can be used as learning supporter and it is possible to find a suitable technological tool almost in every learning/ teaching situation
- successful course needs a lot of planning
- All technological decisions must be well pedagogically grounded, otherwise the use of technology is worthless. As I can conclude from own experience, technological tools are welcome only when other ways of communicating and collaborating are hard to reach.
- - got to know different tools which enable/support collaborative working
 - learned about PBL, JIGSAW teaching methods through "learning by doing"
- (1) I feel that I learned a lot about designing a technology-enhanced course, and about assessing pedagogical value of different tools, their role and functions in particular contexts;
(2) I explored one more tool that was new to me (Edmodo);
(3) I participated in and experienced problem-based learning for the first time;
(4) I learned about group dynamics and learning in a group;
(5) I learned about computer-supported collaborative learning environments in general.
- Develop pedagogical and technological scripts
Design technology-enhanced learning
Different technological tools
- I learned how to construct a technology enhanced learning situation, I know what steps I need to take in order to have an effective design. I learned that technology always comes after the pedagogical solutions, technology only serves the purpose of supporting and making possible certain pedagogical purposes. But for me the most important thing that I learned is how real collaboration looks and feels like, and how wonderful it is to work together with like-minded people that share your enthusiasm.
- I have learnt how to design a pedagogical and technological script and how to take benefit of educational technologies. I have also learnt to evaluate what can be the pedagogical affordances of technological tools.
- Collaboration needs work and it still even how hard team tries, it doesn't happen.
Collaboration might be culture related, ofcourse there are individual differences, but cultural heritage shows strongly.
The tools to measure the process are still quite "absent".

The product doesn't many times tell the whole story who has learned and what.

- Se kuinka yksityiskohtainen tuntisuunnitelman tulee olla, tuli minulle yllätyksenä. Kun näki opettajan olemassaolevia kurssisuunnitelmia, olin todella yllätynyt siitä miten yksityiskohtaisia ne olivat.
- Two of objectives of the course were to design pedagogical script and technological script. Our team has designed them. During this course I learnt required skills to design these scripts. I mainly learnt learning theories and pedagogical models. I learnt the relationship between learning theories and pedagogical models when you plan to design the scripts. I learnt the stages of designing the above scripts. I am now able to design the course and select appropriate tools to achieve the learning objectives. I am now able to describe teacher's roles. In addition I found that the tools to use in scripts depend on course objectives/aims, target group, environment and learning outcomes.
I finally learnt that each tool you decide to use, you have to mention how the students with special education can use them and its affordances
- First of all I am glad to have a such opportunity to express my feelings and thoughts on the course! When I was living in Russia, I was very interested in creating my own course using different kind of technologies! I wanted it to be the on-line course of the English language! But there was such a problem that I did not have any technological experience. I could hardly imagine that one day it would happen to me.

I was very happy to attend the TEL course. I have learnt what special knowledge and phases are necessary for creating a course! That first of all it should be planned from the both sides (pedagogical and technological) and they both should be completely interrelated.

In spite of my dream to create English course, I decided to try myself in a new field, and our group was designing the course of Art. That was interesting and difficult experience. Moreover not all members of our group had artistic background. But we succeeded by means of the collaboration.

I would like to say that it was my favorite course, where I managed to consolidate my pedagogical knowledge, then to get technological experience and a lot of practices in implementation of all ideas and thoughts.

- How to write a pedagogical script and that Edmodo exists.
- Probably the most important thing was how to divide tasks in away that resulted in effective collection and integration of information that was relevant to the project. It was also important that there was regular and ongoing contact between team members in order to direct the project toward the desired conclusion. It became apparant quite early on that all participants needed to contribute equally in order to achieve a successful and credible outcome.
- One of the most important things I have learn during this course is how to seek for information (expecially scientific articles and other relevant and reilable sources) that are useful to construct pedagogical and techonological scripts.

I have learnt how to design a course that is supported by technology, the advantagese and disadvantages of using specific tools. Also also have a much clearer vision about the Jigsaw pedagogical models.

The idea of using some technological tools for specific pedagogical purpose became stronger e and I also learnt to take in cosideration different factors that may influence the success of the course.

2. Evaluate on scale of 1-5, how well have these learning objectives succeeded in your learning (1=not at all, 5= perfectly). After this course you are:

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	1	2	3	4	5	Yhteensä	Keskiarvo
capable to describe characteristics of TEL	0	0	2	9	7	18	4,28
capable to define main stages of designing TEL	0	0	1	9	8	18	4,39
proficient to design and implement pedagogically well-grounded web-course	0	0	1	8	9	18	4,44
competent to assess pedagogical use of Information and Communication Technology (ICT).	0	0	2	11	5	18	4,17
Yhteensä	0	0	6	37	29	72	4,32

3. Evaluate on scale of 1-5, how accurate are these arguments in your opinion (1=totally disagree, 5=totally agree)

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	1	2	3	4	5	Yhteensä	Keskiarvo
The structure of the course was clear	0	1	2	3	12	18	4,44
The timetable of the course was functional	0	1	1	7	9	18	4,33
The lectures in the course supported learning	0	0	1	9	7	17	4,35
The assignments supported learning	0	0	0	5	13	18	4,72
The collaboration supported learning	0	1	1	5	11	18	4,44
You got all the technical guidance that you needed during the course	0	0	2	4	12	18	4,56
You got all the content related guidance that you needed during the course	0	0	1	6	11	18	4,56
You got all the practical guidance you needed during the course	0	0	1	5	12	18	4,61
The course was interesting for you	0	0	0	5	13	18	4,72
The course was useful for you	0	0	0	4	13	17	4,76
Yhteensä	0	3	9	53	113	178	4,55

4. What was especially good in this course? What things contributed to your learning most?

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- As I said before, collaboration was especially good.
- The structure, technical guidance, and content related guidance were especially good in this course, and they contributed to my learning most.
- The idea of grouping us into teams facilitated my learning better because other people in the team served as immediate expertise and resources I could rely on, instead of just publications and teachers. The fact that the course was based on the theory course I dealt with in the autumn also made it easy to apply those theories to practice.
- It's a good idea that students have to implement something concrete based on theory. I think problem based learning and collaboration were applied in this course. They really work! Also it's create that you gave a lot of freedom for students in implementation.
- I liked that is was very useful to learn the basics of project work. It was also nice to be able to choose the subject of our course ourselves.
- As most strong points of the course I would mention its structure, weight of separate parts that in the end form a complete picture.

My own experience, interest and consulting experts in the field; active discussions with peers - these things influenced the process of learning most.

- "learning by doing"
- I liked the hands-on approach. I enjoyed a lot that we were working on a project (i.e., the course design). There we could apply the knew knowledge from the lectures and articles. The practical project also made it easier to understand the theoretical material.

I also appreciate very much that we were given the opportunity to discuss the way to be assessed, and that in the end of the course we had several types of evaluation.

- Lectures, projects and tasks.
- The fact that we could choose our group. In our case it was the key for making this course as effective and interesting as it was. And naturally, the collaboration that resulted from the group formation contributed to my learning the most.
- It was good that we got to choose our topic and group. Therefore the topic was really interesting and collaboration was easy. In our group the collaboration really helped learning.
The structure of the course was clear as well as instructions. Venla's courses are always so well prepared and it's a pleasure to follow them.
- I understood that in the groupwork there are forces I cannot always influence no matter how hard I try. Being "merciful" is a good quality, goes with self and the others.
I learned things about myself while working in a group. Why I act a certain way in certain situations and ways I could try to change it.
- To work in team (Collaboratively and sometimes cooperatively). All members of team can not satisfy at same level because of personal characteristics and background of each but if you know what you want, the team helps everyone to understand better than working alone.
- It is difficult to distinguish several things. Because the whole course was very useful and incredibly interesting!
The whole implementation of the course support the best assimilation of the material and getting a lot of theoretical and practical experience!

I am going to be a teacher! That is why pedagogy plus technology make the full package of knowledge for me :)

- The outline for completing the scripts was pretty good. Having times set aside to get help from Jari was very helpful.
- The scripts were especially useful and a really practical template to refer to if ever being involved in another similar project.

- I think our group work was especially good. Even though not all the members participated equally (in the specific only one was less active), with the others the work proceeded always smoothly. I always got reactions to my ideas and questions and the others were as engaged in the task as me. I could rely on them and their work. This good group atmosphere helped me learning.
Also the content of the course was especially interesting for me and the fact that we could decide the details of the courses we had to design, helped me to stay engaged in the task. The meaningfulness of the course was also very clear and it contributed greatly to my learning.

5. Did something in this course hinder or complicate your learning? How?

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- Nope.
- No.
- Time was a challenge - it was a rather time-intensive course and very practical, requiring team members to meet regularly and communicate to stay on the same page. Being busy with other course was hard to make time but still found a way to.
- There wasn't anything in course provider's side that made my learning more complicated.
- In this course the deadlines of the task came quite suddenly. For example in the Projects course we knew approximately when each phase should be ready, but in this course it felt that some of the tasks came out of nowhere i. e. the task to design a learning environment for the course. It would have been nice to know before hand about different tasks and deadlines.

Because this course was quite similar than projects course I mix them a lot. I and my group members didn't always remember which assignment was for which course.

- The initial state of collaboration was not satisfactory in our group, due to different working styles and temp.
- - pedagogical/technical script: even though the lecture slides include all the information about what the scripts should include, it would have been nice to look through some example scripts. In my first script draft I had difficulties how detailed I should mention the "structuring and schedule", etc.
- Certain difficulties in teamwork sometimes made me feel frustrated and confused.
- The course was clear.
- Maybe lack of time sometimes, but nothing that couldn't be overcome.
- Not really, I was busy with other courses and tasks but that didn't hinder my learning.
- The other course during this spring semester is very "strongly" scheduled. In TEL you needed to be more active "on your own" and it had some difficulties.

Careful planning and timetabling was missing from our team, that complicated working.

It is crucial to "speak the same language" and I don't mean English Finnish, but for example collaboration means different things for different people. Trying to work jointly under different understanding is, well, quite hard :-)

- None
- At the beginning of the course I was worried about developing the e-learning environment. But we have got a lot of technological scaffolding and I really had no problems with that.
- Having to work in a group made it more difficult to get things done. I couldn't work on my own timetable but still wound up doing the majority of the work. It made the process more stressful than it had to be.
- No, everything was quite clear.
- One of our group members did not take initiative at all. He would do something only if we asked him to, but it was difficult that the others had always to decide what he should do. Also the communication with this one member was difficult, maybe for cultural differences or different background.

6. How would you develop this course further?

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- I just think that in the beginning it was not clear that we should create the course environment. In our group we understood that the design would be more "fictional" than it was. It was not a bad thing but it should be better explained in the beginning.
- Giving more lectures which are related to this course.
- I would link it to the project course and explore opportunities to implement the designed courses in real working situations. It will be interesting to see how the designs work out in practice.
- Maybe on thing is that students could have (a volunteer?) a writing assignment in addition to current tasks. The idea of writing could be to let students to analyze what they see as a good things and challenges in their course implementation. This would help the students to show how deeply they understand pedagogical and technological possibilities in web course. Also it could help individuals to show their own interpretation of the project. Show of it might be motivating for example in cases where collaboration hasn't worked properly.
- I think that it would be good idea to think the relationship between this course and the projects course. In my opinion they are quite similar, but in projects course you have a chance to do a project for real people so that may motivate you more than TEL1's assignment. Could it be a good idea to develop them in different directions or try to schedule them differently, for example could TEL1 begin earlier than Projects course? Of course it could be one solution to force students to form different groups in TEL and Projects, I mean the project group could not include same persons in TEL and in Projects. Still I think that limiting group formulation would not surely solve the problem, because students could agree that they all concentrate a bit more to their project-course's projects.

I am saying that as long as these courses remain kind of similar it is hard to find motivation for them both, like it feels that you do the same thing in double. Of course how much it feels that way depends of the nature of the project, but I just can imagine how those groups, whose task was to design a course in projects course, have felt about doing the same thing.

- As the learning task is to design a course, I would suggest that students implement a part of the course they designed (about 30 minutes).
- There was an optional ICT Workshop, which would be useful to include as an actual part of the course.
- In general I really liked the course. It's difficult to think of something specific that would need to be developed.

The only thing I can think of is that it maybe would be good to have more specific guidelines, or requirements, for the course web environment (the last task). Although I still think the directions we got were enough.

- In my opinion is ok, this course was very complete
- The course was one of the best so far! The only thing I might add is to have some feedback from Jari on the technological script as we did from Venla on the pedagogical script, that was really useful, as it made us confident that we're on the right track.
- Perhaps there could be only one task with PBL because it took quite a lot of time (probably more than it was supposed to) and was maybe not that important. I learnt a lot more designing the scripts. With one PBL task we already understood the idea of it.
- Maybe the courses productions could be tested in the action. A bit like pear evaluation method, we could try the courses that have been planned. It would bring more effort to own work and understanding to how others have planned and worked.
- etenkin kurssin ensimmäisillä luennoilla tulo paljon toistoa. Aamulla Venla luennoi aiheesta ja iltapäivällä Essi luennoi samasta aiheesta ja tehtiin taas samat tehtävät/pohdinnat. Eli osin tuli vähän turhaa päällekkäisyyttä. Tätä voisi hieman kehittää.
- The expertise comes with experience, after completing this master I am sure I will participate in curriculum review of primary and secondary schools in my home country where I will implement the knowledge I got in this course. I am real to say that it was interested course and I have made good choice of group(team) to work with them in designing scripts where with team members I understand this course and become confident in this course . Those skills and knowledge will be applied also to the course I will teach after completing this master.

- It would be interesting to create a real course for real participants! And then to try how it works on practice.
- I think access to specific examples of other tel courses, not necessarily from other students but some courses that are actually being used, would have been helpful when figuring out how to design our own courses.
- I would spend a little more time dealing with the practicalities of a socio-technical course. For instance I would have more time spent on using various technological tools so that their possibilities and limitations could be explored more thoroughly. I think that perhaps this might stimulate students to be more proactive in the implementation of the project work.
- I would dedicate more time/attention to the Problem Based Learning. I found it very interesting, and I was eager to see what it was about. Maybe having a separate course for PBL would help focus more on the challenges and advantages that this kind of learn.

7. Do you think this course will effect your behaviour or thinking in the future (in your studies or work)? How?

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- I think it was a key course for me because I myself want to design a course that I can teach and this helped me a lot.
- Yes, I think this course will effect my behaviour and thinking in the future studies and work. The experience of designing a course which uses pedagogical knowledge and technological tools can motivate me to study and apply pedagogy and technology more than before, meanwhile, pay more attention to the their practical application in the real life.
- Certainly. I am certain that I will use the knowledge, skills and experiences I learned in this course in my teaching of ICT integration in teaching. So many things that I did not consider in the past became clear in the course
- Well, yes. I think that I am more capable of implementing a real web course.
- Actually I think that it will have effect. Now I know much more than before the beginning of the course. Probably in future I will do more planning and scheduling when it comes to this kind of courses. If I have to plan a course in future, now I know how to do it and what kind of things I have to take into consideration.
- Yes, it definitely will. It will affect my task interpretations and direct communication skills to collaboration more openly.
- Yes, I believe it will effect my behavior and thinking.
 - use of tools for collaboration
 - thinking more careful about various course issues: material distribution, teaching methods, learning, interactivity, collaboration, group work, etc.
- I think it already did. During this course I learned quite a lot about collaboration not only from the lectures and articles, but also by being a group member myself. I'm sure it helped me improve both as a teammate and as a teacher.
- Of course, I have experience developing and designing pedagogical and technological scripts and experience designing different applications in learning environments etc.
- Sure. I will be expecting and trying to recreate the same level of collaboration and of shared understanding that we had in our group. Although it might be unrealistic, I will look for real-life situations to work together with the people I did in this course, it felt like we could solve anything together. Moreover, I will definitely always start with making pedagogical decisions first, and only after that the technological ones.
- The scripts are clear for me now and also the affordances so in my future work it might be helpful.
- It opened my eyes about my own work and why I sometimes like to "step a side". It's hard for me to take my place when it is not given. Need to learn to take my place and be proud of what I am and what I know. I grew very interested in how the group works and how to help with the work. Especially the educational tools in helping and making visible the thinking and the joint work.
- Kyllä. Opin paljon sellaista jota pystyy tulevaisuudessa hyödyntämään. Erityisesti kursseja ja opetusta suunnitella, mikäli niihin on joskus tarvetta. Myös omaa ajankäyttöä tulee seurata ja kiinnittää siihen

huomiota. Sekä pedagoginen että tekninen skripti laajensivat osaamistani, sillä en ole aiemmin moisia tehnyt. Itse lähdin ajattelemaan asiaa ensin teknisestä näkökulmasta, joten opin että tärkeysjärjestyksessä pedagoginen puoli tulee huomioida ennen teknistä.

- Yes! With the skills and knowledge I got in this course, I now identified some mistakes and errors which are in my home country curriculum/syllabubs. I can give you some examples of errors, my home country curriculum emphasis on the content and objectives only and some old and inappropriate references. In future I have to help them by reviewing it where I will introduce the review based learning theories and pedagogical models as well as how the reference are related to the teaching and learning activities. I have to update my home country syllabus about pedagogical and technical scripts.
- Now I feel a lot of scaffolding to make my dream come true!
- Yes. I would like to incorporate more technology into my classes and the assignments in this course provided me with a new way to work out how to do that. I believe that I will use pedagogical and technical scripts in my professional life.
- Most certainly. Prior to the minor I was a confirmed technophobe. Since doing the course I have been doing my Masters teaching practice at the same time. I'm lucky enough to have done my practice in a school that promotes the use of ICT and I have prepared most of my teaching material with ActiveInspire and find it to be absolutely invaluable. I also now use Facebook :)
- It definitely will.
Designing a course supported by technological means helped me see things from an other prospective. Now I have a more clear idea what to consider when designing a course also in general, and the best choices I could make.

8. Other comments or greetings for the teachers in this course

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- Thanks a lot to all the teachers. This course is very useful and helpful for my following learning and working experience.
- This was a well designed course and the teaching was well coordinated. I also liked the fact that the course was being done concurrently with the educational projects because it helped me to co-reference the experiences from both courses and this helped my learning better.
- Thank you for good and encouraging teaching!
- Nice job :)
- I would like to express gratitude to the course designers for this effective learning task.
- Thanks for offering this course!
- Thank you very much for the course and all the feedback you gave!
- Thanks Venla and Jari
Thanks for supporting me in this course (teachings)
- Kiitos paljon!
- Thank you for this wonderful opportunity! I was very lucky to have been able to participate in this course, and in our group!
- Thank you very much Venla for this course! Your courses are always nice and easy to follow.
- Your teamspirit and joint working habits give a great example for students. You actually implement in action what you teach for students. Quite rear reality, still, in the university :-)
- Hello Teachers! First of all I think you very much how you teach in this course. The organization (Teaching and task in collaborative)of this course is better I appreciate and next year keep the same organization. Only thing I discovered you have given the power to students to evaluate their colleagues in team and in the form you have used professional terms like equally participation,... and some students were not able to interpret some terms and gave them clear meaning. I think if you still consider the students as Evaluators you can revise the form for evaluations or you can evaluate final product only as teacher. The second one at the beginning of the course you can recall the students the difference between collaboration, cooperation and competition in the

team if you are still considering the students as Evaluators.

- I would like to say a lot of thanks to our great teachers: Venla and Jari.

Thank you very much!

- Overall, I think this course was very good and provided practical skills. I am glad that I took this course.
 - The teaching style, comittment, and enthusiasm of the teachers made the course extremely student friendly and it's been a pleasure to learn.
 - It was a really nice course. I enjoyed it very much.
- I cannot wait for TEL2 :) Thank you!