Time	Day 1*	Day 2*
9-12	- Welcome back - Presentations of work from interim period and feedback - Tools for synchronous online courses	-Welcome back -Discussion of Day 1* work - Assessment for learning
12-13	Lunch	Lunch
13-15	- Principles of multimedia applied to videos and interaction on pan-learning	- Jupyter notebook moodle integration - Advanced quiz-design
15-17	Networking and working to produce or edit materials	Course ends

Welcome back
Participants arrive, meet and greet.
Detailed plan of day presented
Aim of workshop shown: To work further on implementing courses and to expand our knowledge base

Presentations of work from interim period and feedback
Participants write on a padlet, what they want to present. Based on this, we make groups for presentations and feedback. Participants present their work from the interim period and provide feedback, based on fundamental didactical questions (who is teaching and learning, what should they learn, how will they learn, when and where will they learn).

Principles of multimedia applied to videos and interaction on pan-learning
In this session, participants analyze existing videos + surrounding material from a neutron scattering course. Through this, they are introduced to principles of multimedia learning. Then participants use these principles to suggest changes to the existing videos and to make a plan producing such a video.

Networking and working to make changes
Here, participants are free to network and/or work as groups/individually to produce videos or other content. ESS-staff as well as workshop teachers will be present for sparring and advice.

Discussion of Day 1* work
New work from yesterday is presented to other participants who have not seen it. Feedback based on fundamental didactical questions.

Assessment for learning
The starting point for this session is the question: What are the signs that you are looking for, when you decide that someone has learned [the thing you want them to learn]? From here, participants will be introduced to concepts central to help guide learners towards reaching a predetermined learning goal. They will then work on developing own tools for providing such guidance in synchronous and/or asynchronous settings.

Jupyter notebook moodle integration
A demonstration of the Illumidesk system with teacher / student access to Jupyterhub and “grading notebooks”.

Advanced quiz-design
In this lesson, participants will be introduced to and work with quizzes that go beyond multiple-choice.

Course ends
We will do a short evaluation of the course. Then, more time for networking.