An Online Course in Evidence-based Practice
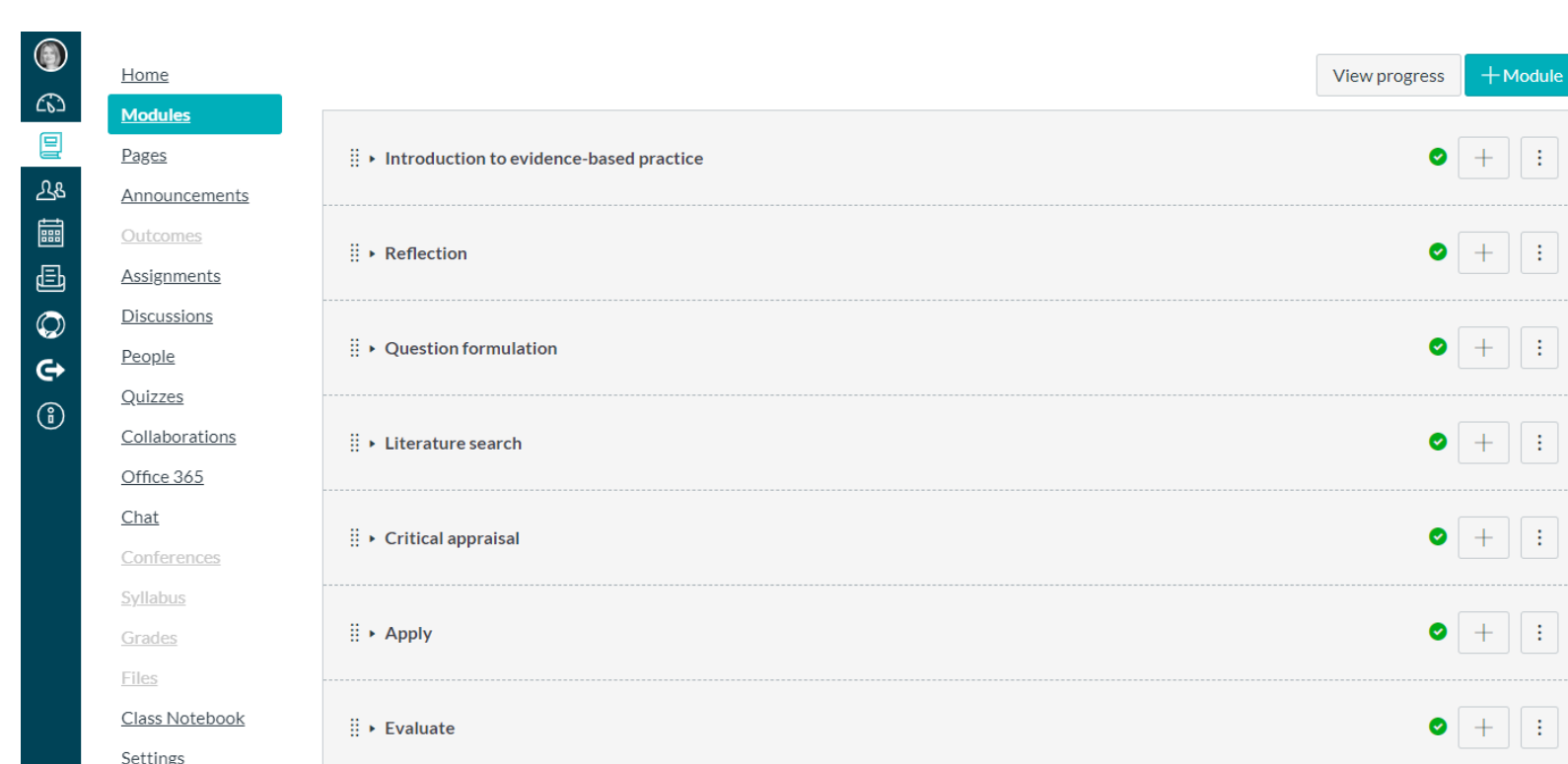
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Background: In 2017, evidence-based practice (EBP) learning outcomes were developed. We were awarded strategic funding from Western Norway University of Applied Sciences to develop an online course to support the learning of EBP at bachelor level.
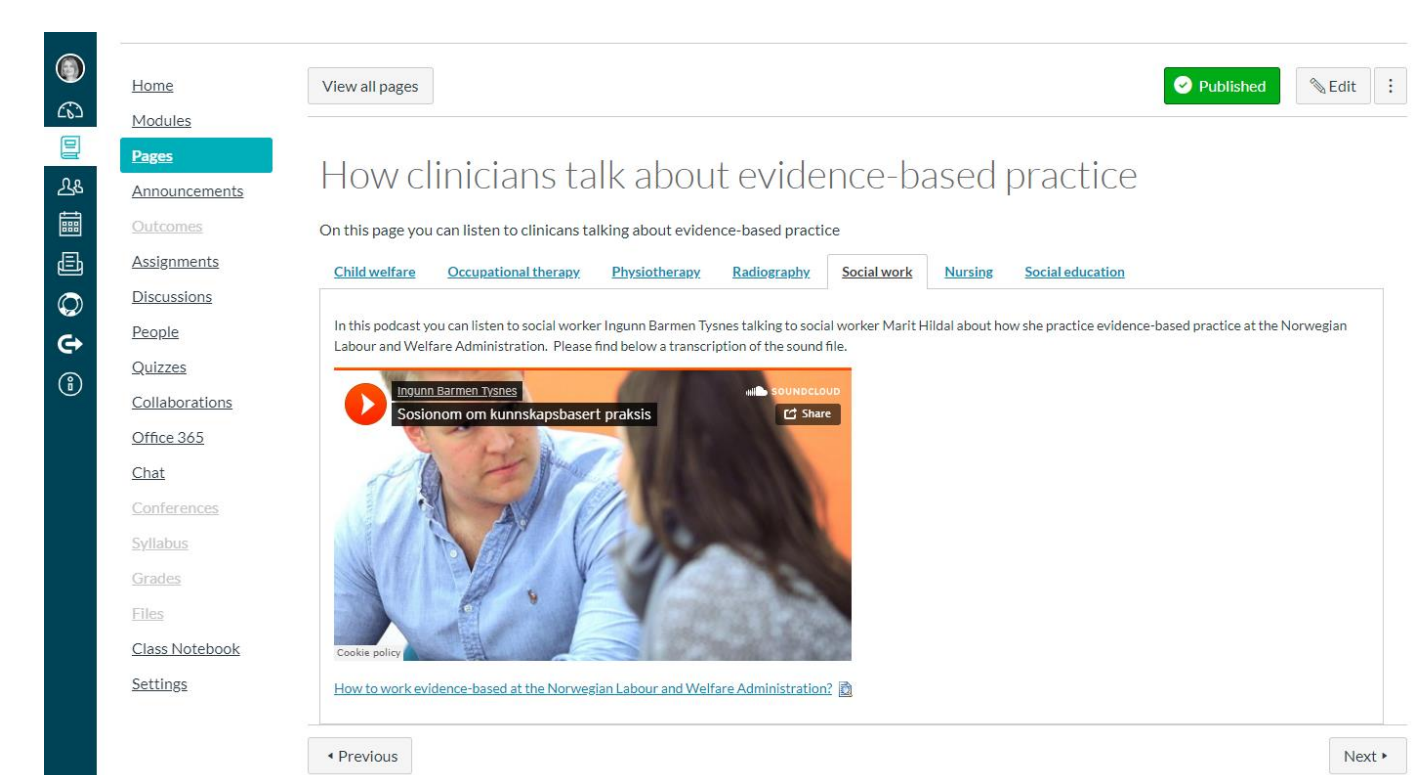
Aim: To design an online course in EBP for bachelor students in health and social care education.

Methods: We used Canvas, an international open-source learning management system, as a platform for delivering the online course. H5P, at https://h5p.org/, was used to create interactive online learning resources. Lecture videos were recorded using Screencast-O-Matic. The project group consisted of academic staff, academic librarians, a web-designer and a user representative for Universal Design. Academic staff represented seven different bachelor programs: child welfare, nursing, occupational therapy, physiotherapy, radiography, social education and social work.
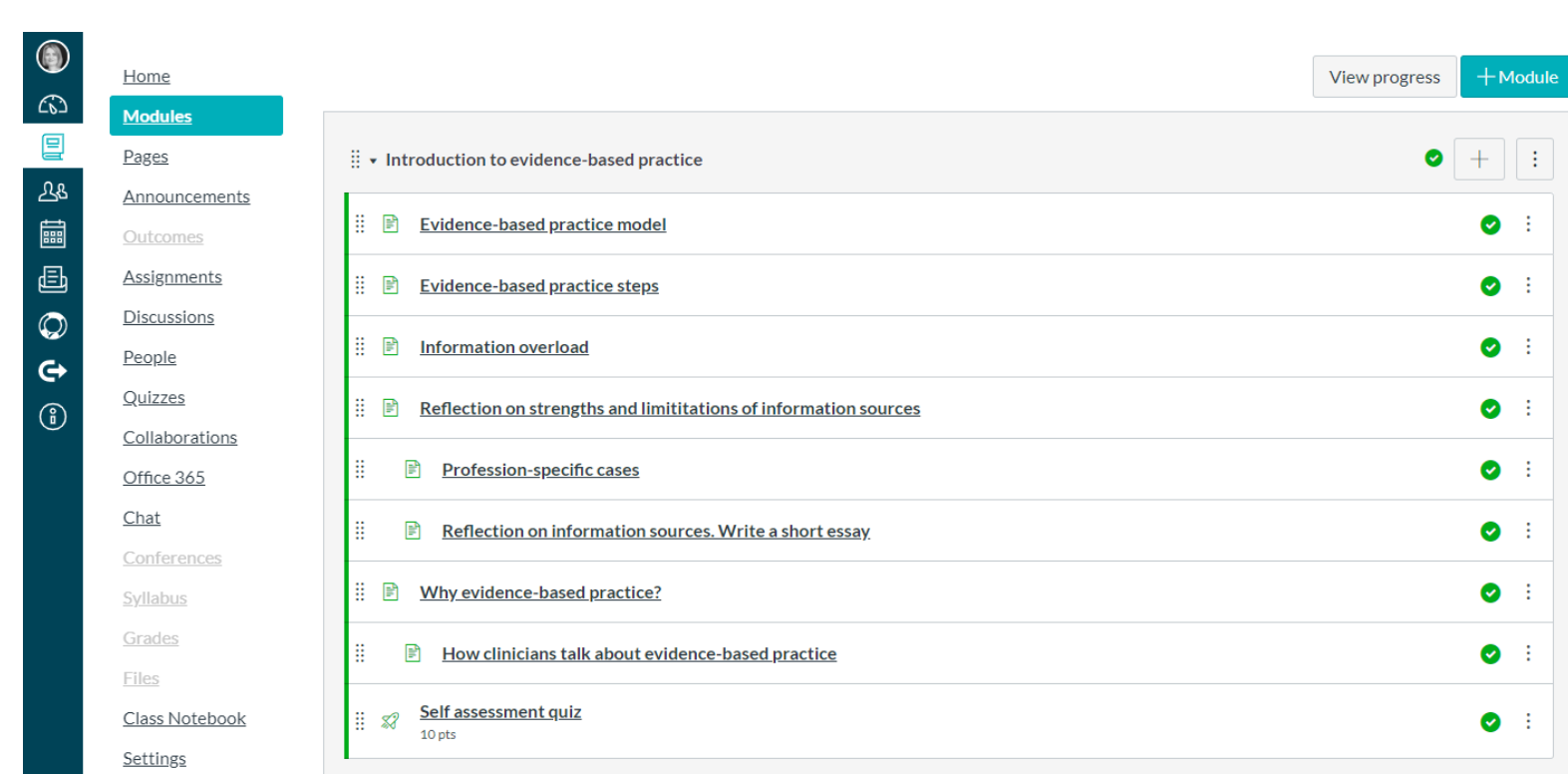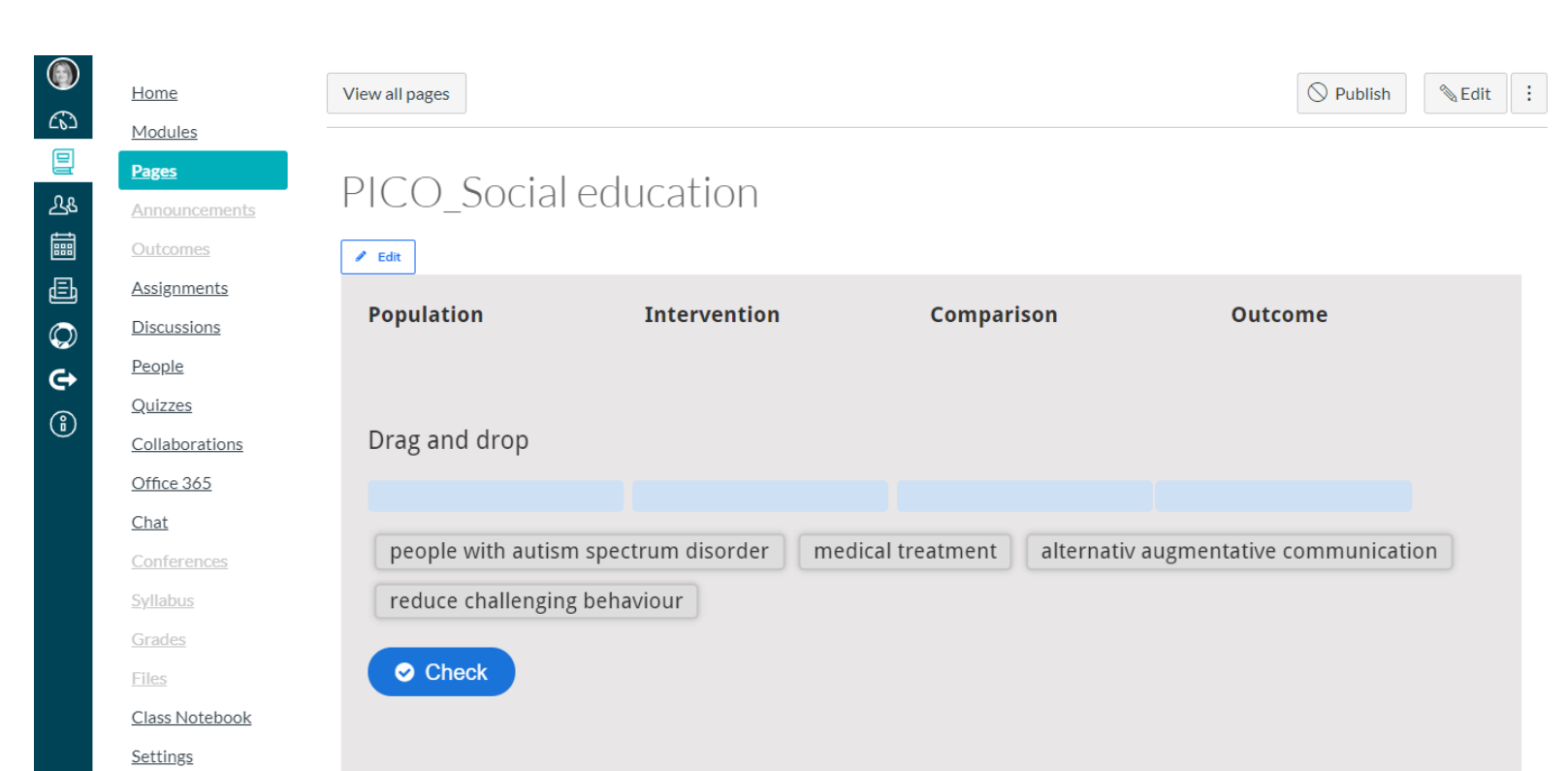
Content: 7 modules

How clinicians talk about EBP

Module: Introduction to EBP

Drag and drop question: PICO

Results: The modules "Introduction to EBP", "Reflection" and "Question formulation" are ready-to-use resources. We created content pages using text, video, podcast, links to resources and interactive content with opportunities for feedback (e.g. dialog cards, drag and drop, image slider, fill in essay, quizzes). Preambles were used to introduce pages and helping statements were added to facilitate progression and a clear learning path.

Limits: Following the national requirements for Universal Design was challenging due to lack of competence and structural support in the organization

Conclusion: Learning resources on literature search, critical appraisal, integration of appraised evidence and evaluation will be developed in 2020.

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