Organising institution	Università degli Studi di Padova Dipartimento di Ingegneria Civile Edile e Ambientatale - ICEA Prof. Cosimo Monteleone
Partner Institutions	Duke University, USA
Course Title and Description	**Visualizing the Krakow Ghetto** The aim of the proposed project - a Virtual School of two weeks – is to train the second year students of the Single cycle degree course in Building engineering and architecture in the field of the virtual representation of architecture and of towns. Visualizing the Krakow Ghetto is an intensive workshop of two weeks organized in courses and laboratories that will be virtually delivered via Zoom. This platform enables the sharing of files as well as the direct and public interaction with them through specific editing commands. Students of the second year of the Single cycle degree course in Building engineering and architecture will be divided into groups of 4-5 people to manage the laboratory activities that will focus on two phases: Phase 1 3D modeling of the buildings of the Krakow Ghetto and of the transformations they have undergone over the years, from its foundation to the present time Phase 2 Video and digital images creation that can implement installations of virtual and augmented reality to clearly visualize the urban transformation. The group laboratory activities will help to refine the collaboration and relation skills among the students, developing project management, creative thinking and problem-solving skills. Three courses on specific subjects are also organized: 1) Research, study and interpretation of historic sources; 2) Identification of the most useful technologies to disseminate the materials; 3) Dissemination strategies of cultural heritage through digital means. The courses and the laboratory activities of the workshop aim to develop in students transversal skills, from history to the representation of architecture and of a town, from the setting of a story-telling to the management of new technologies for the dissemination and the knowledge of cultural heritage.
Period	8/11/2021 – 19/11/2021
ETCS credits	N/A
Course fee	N/A
Course Level	Second year students of the Single cycle degree in Building engineering and architecture