ACE166 Sustainable building renovation 2020
STRUCTURE & LECTURE CONTENT

Lecture rooms- Zoom
Computer rooms- Zoom

Week 1 (v 45) Introduction

Tuesday 03/11/20 **13.15-17.00//Online**	W1S1 Course introduction (1h) W1S2 Knowledge recap (3h)
Thursday 05/11/20 **13.15-17.00// Online**	W1S3 Environmental perspective W1S4 Economic/Socioeconomic perspective
Friday 06/11/20 **13.15-15.00// Online**	W1S5 Guest lecture: Social and architectural perspectives to sustainable renovation

Week 2 (v 46) Current state of building/Potential

Tuesday 10/11/20 **13.15-17.00// Online**	W2S1 Building and systems evaluation/Inspections W2S2 Introduction to group project and teams
Thursday 12/11/20 **13.15-17.00// Online**	W2S3 Certified renovation example Overview of Miljöbyggnad criteria W2S4 Group work: Analysis of current state of the case study building/potential, repurposing analysis
Friday 13/11/20 **13.15-15.00// Online**	W2S5 Guest lecture: Energy renovation experiences

Week 3 (v 47) Renovation planning/Measures

Tuesday 17/11/20 **13.15-17.00// Online**	W3S1 Renovation planning process/measures W3S2 Group work: Renovation ideas/approaches: exploring building fabric+ HVAC options
Thursday 19/11/20 **13.15-17.00// Online**	W3S3 & W3S4 IDA ICE Tutorial 1
Friday 20/11/20 **13.15-15.00// Online**	W3S5 Economic evaluation of renovation packages

Week 4 (v 48) Renovation planning/Economic evaluation

Thursday 26/11/20 **13.15-17.00// Online**	W4S1 & W4S2 IDA ICE Tutorial 2
Friday 27/11/20 **09.00-12.00// Online**	W4S3 & W4S4 Economic evaluation exercises
Friday 27/11/21 **13.15-15.00// Online**	W4S5 Guest lecture: HVAC redesign

Week 5 (v 49) Group project

Tuesday 01/12/20 **13.15-17.00// Online**	W5S1 & W5S2 Group work: run simulations of existing building and compare with evaluation of 12/11
Thursday 03/12/20 **13.15-17.00// Online**	W5S3 & W5S4 Group work: Evaluation of renovation packages
Friday 04/12/20 **13.15-15.00// Online**	W5S5 Guest lecture

Week 6 (v 50) Group project

Tuesday 08/12/20 **13.15-17.00// Online**	W6S1 & W6S2 Group work: Evaluation of renovation packages
Thursday 10/12/20 **13.15-17.00// Online**	W6S3 & W6S4 Group work: Evaluation of renovation packages
Friday 11/12/20 **13.15-15.00// Online**	W6S5 Group progress meetings

Week 7 (v 51) Group project presentation, submission and wrap up

Tuesday 15/12/20 **13.15-17.00// Online**	W7S1 & W7S2 Group work- final feedback
Wednesday 16/12/20	Final report submission by 23:59
Thursday 17/12/20 **13.15-17.00// Online**	W7S3 & W7S4 Group work presentations
Friday 18/12/20 **13.15-15.00// Online**	W7S5 Course summary/wrap up
Christmas closure/ self-studies	**21/12/20- 08/01/21**

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Wednesday 13/01/21	Written examination