

DAY 1

Monday

9:15 Input:
General Workshop Intro

10:00 Input:
Introduction Design Brief

10:15 Lecture:
Introduction to Point
Clouds and Laserscanning

12:00 Lunch

13:00 On-Site:
Hands-on Laserscanning
and first design sketches

14:30 Input:
From Scanning to
Point Cloud with RiScan Pro

17:00 End of Schedule

DAY 2

Tuesday

9:15 Input:
3D Modeling Tools
and the Design Brief Pt. 2
Rhinoceros 3D &
Grasshopper / DocoFossor

12:00 Lunch

13:00 Input:
Introduction to on-site
Design & Unity VR Tool

17:00 End of Schedule

DAY 3

Wednesday

9:15 Lecture:
Introduction to GNSS

10:15 On-Site
On-Site GNSS Tool

12:00 Lunch

13:00 On-Site:
Combining VR and GNSS
Collaborative Design

17:00 End of Schedule

DAY 4

Thursday

09:15 On-Site:
Work in Studio
Design on Site

12:00 Lunch

13:00 On-Site:
Work in Studio
Design on Site

17:00 End of Schedule

DAY 5

Friday

10:00 Review:
Presentation of
Workshop Results

11:45 Conclusion:
Wrap-up and
Feedback

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From Scanning to
Point Cloud with RiScan Pro

17:00 End of Schedule

Goals:

- Getting to know each other
- Forming groups
- First design sketches
- Understanding the workflow from reality to point cloud

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9:15 Input:
3D Modeling Tools
and the Design Brief Pt. 2
Rhinoceros 3D &
Grasshopper / DocoFossor

12:00 Lunch

13:00 Input:
Introduction to on-site
Design & Unity VR Tool

17:00 End of Schedule

Goals:

- In depth understanding of design brief
- Getting in touch with topographical design tools
- First experiences with VR and 1:1 design

DAY 3

Wednesday

9:15 Lecture:
Introduction to GNSS

10:15 On-Site
On-Site GNSS Tool

12:00 Lunch

13:00 On-Site:
Combining VR and GNSS
Collaborative Design

17:00 End of Schedule

Goals:

- A first glimpse of Global Navigation Satellite Systems (GNSS)
- Understanding how to use the GNSS prototype in the field
- First steps towards collaborative design

Goals:

- Preparation for Review on Friday
- Application of knowledge about tools (VR & GNSS)

DAY 4

Thursday

09:15 On-Site:

Work in Studio

Design on Site

12:00 Lunch

13:00 On-Site:

Work in Studio

Design on Site

17:00 End of Schedule

Goals:

- Feedback regarding your work
- Feedback regarding the workshop

DAY 5

Friday

10:00 Review:
Presentation of
Workshop Results

11:45 Conclusion:
Wrap-up and
Feedback