Schedule

Week 01

Monday, 8/19/2019
Course Introduction. Presentation of relevant work.


Wednesday, 8/21/2019
Field trip: Envision Center, the forge – collaborative VR/AR space.
Student introductions: presentation of previous work. Give out assignment 01.
Reminder: Send your artist presentation choice to Fabian by the end of the day, Sunday, August 25, 2019.

Week 02

Monday, 8/26/2019
Finalize schedule for student artist presentations.
Unity workshop 01: Unity and Vuforia

Wednesday, 8/28/2019
Unity workshop 02: Deployment for mobile devices (iOS and Android)

Week 03

Monday, 9/2/2019
Labor Day – no classes.

Wednesday, 9/4/2019
Individual Meetings with Fabian to discuss ideas for assignment 01.
Week 04
Monday, 9/9/2019  
TinkerCAD review session (for those with questions and no prior 3D modeling experience, for everybody else: work in progress – continue to work independently on project 01).

Wednesday, 9/11/2019  
Student Artist Presentations 01:  
Eugene on Tamiko Thiel, David on MoMAR  
And Luke on Langlands & Bell

Week 05
Monday, 9/16/2019  
Work in progress. Fabian is in the lab to help with technical and concept-related questions.

Wednesday, 9/18/2019  
Work in progress. Fabian is in the lab to help with technical and concept-related questions.

Week 06
Monday, 9/23/2019  
Presentation of Project 01. Guest Critic: Anna Ridler

Wednesday, 9/25/2019  
Presentation of Project 01/Documentation of Project 01  
EXTRA CREDIT opportunity: 6:00pm Anna Ridler lecture (http://annaridler.com/). Purdue Data Mine, location: TBD.

Week 07
Monday, 9/30/2019  
Documentation of Project 01.  
Review Unity tutorials: https://learn.unity.com/tutorials

Wednesday, 10/2/2019  
Student Artist Presentations 02:  
Chongguang on Cao Fei, Jieun on Jon Rafman, Fisher on Larry Achiampong and Connor on Ian Cheng

Week 08
Monday, 10/7/2019  
October Break – no classes.

02 VR

Wednesday, 10/9/2019  
Give out assignment 02.  
Introduction to the Scanse Sweep 3D Lidar scanning device:  
https://www.hackster.io/scanse/sweep-3d-scanner-035a5f  
and https://github.com/scanse/sweep-3d-scanner
Week 09

Monday, 10/14/2019
Unity workshop 03: Integration of point cloud data and deployment for VR headsets (Oculus/Vive)

Wednesday, 10/16/2019
Student Artist Presentations 03: Adrian on Aaron Koblin, Justin on Jules Litman–Cleper, Zach on ScanLAB and Kaley on Marshmallow Laser Feast

Week 10

Monday, 10/21/2019
Individual meetings with Fabian to discuss ideas for assignment 02.

Wednesday, 10/23/2019
Gather point cloud data with Fabian for project 02.

Week 11

Monday, 10/28/2019
Gather point cloud data with Fabian for project 02.

Wednesday, 10/30/2019
Fabian in Beijing, China
Gather point cloud data/stitch together scans for project 02.

Week 12

Monday, 11/4/2019
Fabian in Beijing, China
Gather point cloud data/stitch together scans for project 02.

Wednesday, 11/6/2019
Finish up work on point cloud scans. Fabian is in the lab to help with technical and concept-related questions.

Week 13

Monday, 11/11/2019
Workshop recap: Integration of point cloud data and deployment for VR headsets (Oculus/Vive)

Wednesday, 11/13/2019
Presentation of point cloud scans in the Envision Center’s collaborative VR space.

Week 14

Monday, 11/18/2019
Student Artist Presentations 04: Madi on Milica Zec, Azaria on Goro Fujita, A'Dreana on Tabita Rezaire ands Greg on The Machine to Be Another
Wednesday, 11/20/2019  Work in progress. Fabian is in the lab to help with technical and concept-related questions.

Monday, 11/25/2019  Finish up work on assignment 02. Last chance to work with Fabian in the lab on technical and/or concept-related questions.


Monday, 12/2/2019  Presentation of assignment 02.

Wednesday, 12/4/2019  Documentation of Project 02.

Monday, 12/9/2019  FINALS WEEK.

Wednesday, 12/11/2019  FINALS WEEK.

Friday, 12/13/2019  **Noon:** Deadline to turn in final documentation on provided USB drive – Fabian's mailbox in the A&D Department Office (Pao 3121).

*This syllabus is subject to change – updates will be immediately available on the class website at: [http://web.ics.purdue.edu/~fwinkler/AD41700_F19](http://web.ics.purdue.edu/~fwinkler/AD41700_F19)*