

Schedule

Week 01	Monday, 8/19/2019	<p>Course Introduction. Presentation of relevant work.</p> <p>Reading assignment: Johnson, Steven. "Want to Know What Virtual Reality Might Become? Look to the Past." New York Times Magazine, Nov. 3, 2016. https://www.nytimes.com/2016/11/06/magazine/want-to-know-what-virtual-reality-might-become-look-to-the-past.html</p>
	01 AR	
Week 02	Wednesday, 8/21/2019	<p>Field trip: Envision Center, the forge – collaborative VR/AR space.</p> <p>Student introductions: presentation of previous work. Give out assignment 01.</p> <p>Reminder: Send your artist presentation choice to Fabian by the end of the day, Sunday, August 25, 2019.</p>
	Monday, 8/26/2019	<p>Finalize schedule for student artist presentations.</p> <p>Unity workshop 01: Unity and Vuforia</p>
	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.
Week 15	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.
	Wednesday, 11/27/2019	Thanksgiving Vacation – no classes.
Week 16	Monday, 12/2/2019	Presentation of assignment 02.
	Wednesday, 12/4/2019	Documentation of Project 02.
Finals Week	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