UNIVERSITY OF CALGARY
FACULTY OF ARTS
DEPARTMENT OF ART AND ART HISTORY
ART 340 Panorama and 360 vr Photography
Spring Semester 2022

Course Delivery Format:	In person
Instructor: Office: Email: Office Hours: TA Name and Email:	Denis Gadbois AB 612 dgadbois@ucalgary.ca Roxanne Shewchuk
Day(s), time(s) and location of class:	June 2 9:30-12:00 13:00-15:30 AB 659 June 4th to June 18th In Hawaii
Course description:	Students learn how to use software and hardware needed to create panorama and virtual tours that are web ready.
Prerequisites and/or co-requisites:	Art 235
Course Objectives:	Upon satisfactory completion of the course, students will be familiar with stitching photography to create panorama and complete immersive environment. In addition, the student will have a basic understanding of the expressive potential of VR technology.
Required Textbooks of Readings:	NA
Course Schedule: **Thursday June 2nd**	AM: Introduction to equipment Hand held Panorama Lightroom Stitching and HDR Introduction to Ptgui and Pano2VR One Click 360 photography Software Installation on phone and laptop PM: Panorama and 360 dslr photography. Practice on location
Sunday June 5th	Distribution of Kits and 360 camera for some. One to one explanation Rainbow Falls/city of Hilo Panorama set up refresh Return equipment 7PM 360 cameras
Monday June 6	Pahoa, Isaac Ale Park, lava destruction, Parks, Sea shore Distribution of 360 camera for some. one to one explanation Return equipment 7PM 360 cameras
Tuesday June7:	9:30 Field Trip Waipi'o Valley including stop at the AKAKA Falls Vertical Panorama hands on, on locaton Distribution of Kits and 360 camera for some one. to one explanation Return equipment 7PM 360 cameras
Wednesday June 8:	No formal activities, should concentrate on directed studies and postprocessing
Thursday June 9:	8:30 Sense of Place lecture 9:30 Volcano National Park : Panorama opportunity, panorama third point of view portraiture Distribution of Kits and 360 camera for some. one to one explanation Return equipment 7PM 360 cameras
Friday June 10:	Lecture 9:30 AM Quick intro to Small space and macrophotography 360 11:00 AM Field Trip Tropical Bioreserve & Garden Onomea Bay Trail Distribution of Kits and 360 camera for some. one to one explanation Return equipment 7PM 360 cameras

Saturday June 11:	Field Trip 10:00 AM Green Sand Beach / Punulu'u Beach Distribution of Kits and 360 camera for some. one to one explanation Return equipment 7PM 360 cameras
Sunday June 12	9:00 AM Lecture: Capturing Historical Cultural Relevant Photography 10:00 AM Departure to Kona + coffee plantation Distribution of Kits and 360 camera for some. one to one explanation Return equipment 7PM 360 cameras
Monday June 13ᵗ	Morning Free 1:30 PM: Lecture night photography and Astro photography Stacking multiple shots using DeepSkyStacker 5:30 PM Departure to Mauna Loa Summit return expected 12:30 No 360 camera distributed
Tuesday June 14ᵗ:	Morning Free 1:00 PM Introduction to Panotour presentation Support and production (lecture and lab time)
Wednesday June 15	9:30 Departure to Pu'uhonua O Honaunau National Historical Park 1:30 Captain Catamaran Snorkling Trail Distribution of Kits and 360 camera for some. one to one explanation Return equipment 7PM 360 cameras
Thursday June 16:	Final Production time
Friday June 17	10:30 AM Final Presentation Critique and discussion Free afternoon Closing Dinner

Assignments & Evaluation

Assignment	Due Date	Worth
1- Panorama	Friday June 10th 12:00PM	30%
2- 360 Production	Friday June 16 at 3:00PM	40%
3- Virtual Tour	Friday June 17 3:00PM	30%

Assessment expectations:	Guidelines for Submitting Assignments: All course work must be submitted in order to pass the course. A passing grade on any particular component of a course is not essential for students to pass the course as a whole. Missed or Late Assignments: All work must be complete and ready for discussion on due dates. Assignments will be graded down by one-third of a letter grade each day it is late. Expectations for Writing: Written work will be evaluated according to the following criteria: • Depth • Clarity • Coherent logic and rationale • Written mechanics (spelling, grammar, punctuation)
Additional Costs and Information:	Students must have regular access to a digital SLR camera for the entire semester. Access to a flash unit is also recommended. You will need to back up your work in a location other than the lab—one full back up is required, two are recommended. Purchasing an external backup device or storing work on a cloud-based server (or both) are appropriate strategies for saving and archiving your work.
Portfolios and Assignments:	The Dept of Art and Art History will not assume responsibility for lost or stolen portfolios or course work given to instructors for grading.

Other Important Dates

Last day to drop course without financial penalty	Monday, May 9
End of refund period	Monday, May 9
Last day to add/swap course	Monday, May 9
Tuition and fee payment deadline	Wednesday, May 11
Last day to withdraw from course	Thursday, June 16

Grading Method and Grading Scale

Percentage	Grade	G.P.V.	Grade Definition
96-100	A+	4.0	Outstanding
90-95	A	4.0	Excellent-superior performance, showing comprehensive understanding of subject matter.
85-89	A-	3.7	
80-84	B+	3.3	
75-79	B	3.0	Good – clearly above average performance with knowledge of subject matter generally complete.
70-74	B-	2.7	
65-69	C+	2.3	
60-64	C	2.0	Satisfactory – basic understanding of the subject matter.
55-59	C-	1.7	
53-54	D+	1.3	
50-52	D	1.0	Minimal pass – marginal performance; generally insufficient preparation for subsequent courses in the same subject.
0-49	F	0	Fail – unsatisfactory performance or failure to meet course requirements.

Learning Technologies and Requirements:	There is a D2L site for this course which contains required readings and other relevant class resources and materials (d2L.ucalgary.ca). To successfully engage in their learning experiences at the University of Calgary, students taking online, remote, and blended courses are required to have reliable access to the following technology: • A computer with a supported operating system, as well as the latest security, and malware updates • A current and updated web browser • Webcam (built-in or external) • Microphone and speaker (built-in or external) or headset with microphone • Current antivirus and/or firewall software enabled • Broadband internet connection
Campus Mental Health Resources:	and the Campus Mental Health Strategy

	Counselling and mental health support services are offered through Student Wellness Services. During COVID-19, you can access counselling services remotely via Skype for Business, Microsoft Teams and telephone. Single Session Counselling appointments are available on a bookable basis. Book an appointment online or call 403-210-9355.For access to mental health support, email sar@ucalgary.ca. If you are a student in immediate distress, please contact the centre's after-hours partners:
	
	The Distress Centre:
	    • Call 403-266-4357, available 24/7.
	    • Visit the Distress Centre website to access online chat from 3–10 p.m. on weekdays and 12–10 p.m. on weekends.
	
	For additional crisis support from Wood's Homes Community Support Team:
	    • Call 403-299-9699 or 1-800-563-6106, available 24/7.
	    • Text 587-315-5000 between 9 a.m. and 10 p.m.
	    • Visit Wood's Homes website for live chat between 9 a.m. - 10 p.m.

Academic Standing:	For more information go to http://www.ucalgary.ca/pubs/calendar/current/f.html
Academic Accommodation:	It is the student's responsibility to request academic accommodations according to the University policies and procedures listed below. The Student Accommodations policy is available at https://ucalgary.ca/student-services/access/prospective-students/academic-accommodations. Students needing an accommodation based on disability or medical concerns should contact Student Accessibility Services (SAS) in accordance with the Procedure for Accommodations for Students with Disabilities (https://ucalgary.ca/legal-services/sites/default/files/teams/1/Policies-Accommodation-for-Students-with-Disabilities-Procedure.pdf). Students who require an accommodation in relation to their coursework based on a protected ground other than Disability should communicate this need in writing to their Instructor. SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/
Academic integrity, plagiarism:	Academic Misconduct refers to student behavior which compromises proper assessment of a student's academic activities and includes: cheating; fabrication; falsification; plagiarism; unauthorized assistance; failure to comply with an instructor's expectations regarding conduct required of students completing academic assessments in their courses; and failure to comply with exam regulations applied by the Registrar. For more information go to http://www.ucalgary.ca/pubs/calendar/current/k.html or http://www.ucalgary.ca/pubs/calendar/current/e-2.html Additional information is available on the Academic Integrity Website at https://ucalgary.ca/student-services/student-success/learning/academic-integrity
Internet and electronic communication device:	The use of laptop and mobile devices is acceptable when used in a manner appropriate to the course and classroom activities. Please refrain from accessing websites and resources that may be distracting to you or for other learners during class time. Students are responsible for being aware of the University's Internet and email use policy, which can be found at https://ucalgary.ca/legal-services/sites/default/files/teams/1/Policies-Acceptable-Use-of-Electronic-Resources-and-Information-Policy.pdf

Deferral of Term work and exams	For more information about deferring a final exam go to https://www.ucalgary.ca/registrar/exams/deferred-exams For more information about deferral of term work go to http://www.ucalgary.ca/pubs/calendar/current/g-7.html https://www.ucalgary.ca/live-uc-ucalgary-site/sites/default/files/teams/14/deferred_termwork-feb-2020_revised.pdf
Intellectual Property & Copyright:	All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (https://ucalgary.ca/legal-services/sites/default/files/teams/1/Policies-Acceptable-Use-of-Material-Protected-by-Copyright-Policy.pdf) and requirements of the copyright act (https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html) to ensure they are aware of the consequences of unauthorized sharing of course materials (including presentations, textbooks, posted notes, labs, case studies, assignments, and exams). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy https://www.ucalgary.ca/pubs/calendar/current/k.html
Freedom of Information and Protection of Privacy:	Student information will be collected in accordance with typical (or usual) classroom practice. Students' assignments will be accessible only by the authorized course faculty. Private information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary. For more information go to https://www.ucalgary.ca/registrar/student-centre/privacy-policy
Ethics	Whenever you perform research with human participants (i.e., surveys, interviews, or observation) as part of your university studies, you are responsible for following university research ethics guidelines. Your instructor must review and approve of your research plans and supervise your research. For more information go to http://www.ucalgary.ca/pubs/calendar/current/e-5.html or https://www.ucalgary.ca/research/researchers/ethics-compliance/chreb
Additional Student Support:	Please visit this link for important information on UCalgary's student wellness and safety resources: https://www.ucalgary.ca/registrar/registration/course-outlines
Models:	
Studio Procedures:	Please view current updates from RISK and the Covidsafe page links to information on rapid testing, masking rules, vaccination regulations and documentation as well as a FAQs page, which must all be followed while in Studios. https://www.ucalgary.ca/risk/emergency-management/covid-19-response https://www.ucalgary.ca/risk/emergency-management/covid-19-response/covidsafe-campus
Emergency Evacuation:	For more information go to https://www.ucalgary.ca/risk/emergency-management/evac-drills-assembly-points/assembly-points
Arts Students' Centre Program Advising:	Have a question but not sure where to start? The Arts Students' Centre is your information resource for everything in the Faculty of Arts. Call us at 403-220-3580 or email us at ascarts@ucalgary.ca. You can also visit the Faculty of Arts website at http://arts.ucalgary.ca/undergraduate which has detailed information on common academic concerns.

Faculty of Graduate Studies:	For graduate studies email: graduate@ucalgary.ca or call 403 220 4938. Visit the Faculty of Graduate Studies for more details: https://grad.ucalgary.ca/