

**UNIVERSITY OF CALGARY  
FACULTY OF ARTS  
DEPARTMENT OF ART AND ART HISTORY  
Art 340 Panorama and 360 VR Photography  
Spring Semester 2023**

Course Delivery Format:	In person
Instructor: Office: Email: Office Hours: Assistant and Email:	Denis Gadbois AB 729 dgadbois@ucalgary.ca NA Alison PARIS alison.paris@ucalgary.ca
Day(s), time(s) and location of class:	May 10 <sup>th</sup> 9:30-12:00 13:00-15:30 AB 659 May 12 <sup>th</sup> to May 25 <sup>th</sup> 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	NA
Course Schedule: <b>Wednesday May 10<sup>th</sup></b>	AM: Introduction to equipment Hand held Panorama Lightroom Stitching and Introduction to Ptgui , Pano2VR and Panotour. One Click 360 photography Software Installation on phone and laptop PM: Panorama and 360 photography. Practice on location
<b>Saturday May 13<sup>th</sup></b>	9:30 Introduction to Street Photography (lecture power point) for 360 camera Rainbow Falls Kauman Lava Cave Street practice in Hilo Distribution of Kits and 360 cameras for some & 7PM 360 cameras at the instructor location One to one explanation
<b>Sunday May 14<sup>th</sup></b>	Pahoa, Lava Tree State Monument, Isaac Ale Park, lava destruction, Parks, Sea shore 9:30 Introduction to Landscape photography, panorama 360 and notion of proximity Distribution of Kits and 360 cameras for some Panorama set up refresh Return equipment 7PM 360 cameras at the instructor location
<b>Monday May 15<sup>th</sup></b>	9:30 Field Trip 1- AKAKA Falls 2- Kaopa Sate Recreation Area (Prepare lunch) 3- Honokaa + Chocolate place 4-Waip'i'o Valley panorama 360 and notion of proximity Distribution of Kits and 360 cameras for some Panorama set up refresh Return equipment 7PM 360 cameras at the instructor location
<b>Tuesday May 16<sup>th</sup></b>	9:00 AM Lecture: Capturing Historical Cultural with architecture style presentation from a 360 perspective 10:00 AM Departure to Kona Luau return late during the day Distribution of Kits and 360 cameras for some Panorama set up refresh Return equipment 10 AM 360 cameras at the instructor location the following day
<b>Wednesday May 17<sup>th</sup></b>	No formal activities, should concentrate on directed studies and postprocessing Distribution of Kits and 360 cameras for some Panorama set up refresh Return equipment 7PM 360 cameras at the instructor location
<b>Thursday May 18<sup>th</sup></b>	8:30 Sense of Place lecture related to portraiture for 360 9:30 Volcano National Park On location Park hands-on selfie 360 Distribution of Kits and 360 cameras for some Panorama set up refresh Return equipment 7PM 360 cameras at the instructor & Assistant location

<b>Friday May 19<sup>th</sup></b>	Morning Free 1:30 PM: Lecture night photography and Astro photography 5:30 PM Departure to Mauna Loa Summit return expected late Distribution of Kits and 360 cameras for some Panorama set up refresh Return equipment 7PM 360 cameras at the instructor location
<b>Saturday May 20<sup>th</sup></b>	Field Trip 10:00 AM Green Sand Beach / Punulu'u Beach Distribution of Kits and 360 cameras for some Panorama set up refresh Return equipment 7PM 360 cameras at the instructor location Distribution of Kits and 360 cameras for some Panorama set up refresh Return equipment 7PM 360 cameras at the instructor location
<b>Sunday May 21<sup>st</sup></b>	Using Pano2vr to remove tripod and the photographer Distribution of Kits and 360 cameras for some Panorama set up refresh Return equipment 7PM 360 cameras at the instructor location
<b>Monday May 22<sup>nd</sup></b>	Lecture 9:30 AM Quick intro to Small space and macrophotography 11:00 AM Field Trip Tropical Bioreserve & Garden Onomea Bay Trail Distribution of Kits and 360 cameras for some Panorama set up refresh Return equipment 7PM 360 cameras at the instructor location
<b>Tuesday May 23<sup>rd</sup></b>	Local field trip Distribution of Kits and 360 cameras for some Panorama set up refresh Return equipment 7PM 360 cameras at the instructor location
<b>Wednesday May 24<sup>th</sup></b>	Final Production time Panotour software refresh
<b>Thursday May 25<sup>th</sup></b>	10:30 AM Final Presentation Critique and discussion Free afternoon Closing Dinner

## Assignments & Evaluation

Assignment	Due Date	Worth
1- Panorama	Friday day May 19 <sup>th</sup>	30%
2- Little Planet	Sunday May 21 <sup>st</sup>	20%
3- 360 productions	Tuesday May 23 <sup>rd</sup>	30%
4- Virtual tour	Thursday May 25 <sup>th</sup> at noon	20%

Assessment expectations:	<p><u>Guidelines for Submitting Assignments:</u> 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.</p> <p><u>Missed or Late Assignments:</u> 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.</p> <p><u>Expectations for Writing:</u> Written work will be evaluated according to the following criteria:</p> <ul style="list-style-type: none"> <li>• Depth</li> <li>• Clarity</li> <li>• Coherent logic and rationale</li> <li>• Written mechanics (spelling, grammar, punctuation)</li> </ul>
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.
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## Other Important Dates

For more information on term dates, add/drop/swap/withdraw dates from course deadlines and refund/payment deadlines, please see: <https://www.ucalgary.ca/pubs/calendar/current/academic-schedule.html>

## Grading Method and Grading Scale

**Undergraduate:** <https://www.ucalgary.ca/pubs/calendar/current/f-1-1.html>

- A grade of "C-" or below may not be sufficient for promotion or graduation, see specific faculty regulations.
- The number of "D" and "D+" grades acceptable for credit is subject to specific undergraduate faculty promotional policy.

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.

**Graduate:** <https://www.ucalgary.ca/pubs/calendar/current/f-1-2.html>

- All grades of "C+" or lower are indicative of failure at the graduate level and cannot be counted toward Faculty of Graduate Studies course requirements. Individual programs may require a higher passing grade.

Learning Technologies and Requirements:	<p>There is a D2L site for this course which contains required readings and other relevant class resources and materials (d2L.ucalgary.ca).</p> <p>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:</p> <ul style="list-style-type: none"> <li>• A computer with a supported operating system, as well as the latest security, and malware updates</li> <li>• A current and updated web browser</li> </ul>
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	<ul style="list-style-type: none"> <li>• Webcam (built-in or external)</li> <li>• Microphone and speaker (built-in or external) or headset with microphone</li> <li>• Current antivirus and/or firewall software enabled</li> <li>• Broadband internet connection</li> </ul>
Academic Standing:	For more information go to <a href="http://www.ucalgary.ca/pubs/calendar/current/f.html">http://www.ucalgary.ca/pubs/calendar/current/f.html</a>
Academic Accommodation:	<p>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 <a href="https://ucalgary.ca/student-services/access/prospective-students/academic-accommodations">https://ucalgary.ca/student-services/access/prospective-students/academic-accommodations</a>.</p> <p>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 (<a href="https://ucalgary.ca/legal-services/sites/default/files/teams/1/Policies-Accommodation-for-Students-with-Disabilities-Procedure.pdf">https://ucalgary.ca/legal-services/sites/default/files/teams/1/Policies-Accommodation-for-Students-with-Disabilities-Procedure.pdf</a>). 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.</p> <p>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 <a href="http://www.ucalgary.ca/access/">www.ucalgary.ca/access/</a></p>
Academic integrity, plagiarism:	<p>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.</p> <p>For more information go to <a href="http://www.ucalgary.ca/pubs/calendar/current/k.html">http://www.ucalgary.ca/pubs/calendar/current/k.html</a> or <a href="http://www.ucalgary.ca/pubs/calendar/current/e-2.html">http://www.ucalgary.ca/pubs/calendar/current/e-2.html</a> Additional information is available on the Academic Integrity Website at <a href="https://ucalgary.ca/student-services/student-success/learning/academic-integrity">https://ucalgary.ca/student-services/student-success/learning/academic-integrity</a></p>
Internet and electronic communication device:	<p>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.</p> <p>Students are responsible for being aware of the University's Internet and email use policy, which can be found at <a href="https://ucalgary.ca/legal-services/sites/default/files/teams/1/Policies-Acceptable-Use-of-Electronic-Resources-and-Information-Policy.pdf">https://ucalgary.ca/legal-services/sites/default/files/teams/1/Policies-Acceptable-Use-of-Electronic-Resources-and-Information-Policy.pdf</a></p>
Deferral of Term work and exams	<p>For more information about deferring a final exam go to <a href="https://www.ucalgary.ca/registrar/exams/deferred-exams">https://www.ucalgary.ca/registrar/exams/deferred-exams</a> For more information about deferral of term work go to <a href="http://www.ucalgary.ca/pubs/calendar/current/g-7.html">http://www.ucalgary.ca/pubs/calendar/current/g-7.html</a> <a href="https://www.ucalgary.ca/live-uc-ucalgary-site/sites/default/files/teams/14/deferred_termwork-feb-2020_revised.pdf">https://www.ucalgary.ca/live-uc-ucalgary-site/sites/default/files/teams/14/deferred_termwork-feb-2020_revised.pdf</a></p>
Intellectual Property & Copyright:	All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright ( <a href="https://ucalgary.ca/legal-services/sites/default/files/teams/1/Policies-Acceptable-Use-of-Material-Protected-by-Copyright-Policy.pdf">https://ucalgary.ca/legal-services/sites/default/files/teams/1/Policies-Acceptable-Use-of-Material-Protected-by-Copyright-Policy.pdf</a> ) and requirements of the copyright act ( <a href="https://laws-">https://laws-</a>

	<p><a href="https://lois.justice.gc.ca/eng/acts/C-42/index.html">lois.justice.gc.ca/eng/acts/C-42/index.html</a>) 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).</p> <p>Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy  <a href="https://www.ucalgary.ca/pubs/calendar/current/k.html">https://www.ucalgary.ca/pubs/calendar/current/k.html</a></p>
Freedom of Information and Protection of Privacy:	<p>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.</p> <p>For more information go to <a href="https://www.ucalgary.ca/registrar/student-centre/privacy-policy">https://www.ucalgary.ca/registrar/student-centre/privacy-policy</a></p>
Ethics	<p>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.</p> <p>For more information go to <a href="http://www.ucalgary.ca/pubs/calendar/current/e-5.html">http://www.ucalgary.ca/pubs/calendar/current/e-5.html</a> or <a href="https://www.ucalgary.ca/research/researchers/ethics-compliance/chreb">https://www.ucalgary.ca/research/researchers/ethics-compliance/chreb</a></p>
Student Support:	<p>Please visit this link for important information on:</p> <ul style="list-style-type: none"> <li>• Wellness and Mental health resources</li> <li>• Emergency Evacuation/Assembly Points</li> <li>• Student Success and more....</li> </ul> <p><a href="https://www.ucalgary.ca/registrar/registration/course-outlines">https://www.ucalgary.ca/registrar/registration/course-outlines</a></p>
Studio Procedures:	<p>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.</p> <p><a href="https://www.ucalgary.ca/risk/emergency-management/covid-19-response">https://www.ucalgary.ca/risk/emergency-management/covid-19-response</a>  <a href="https://www.ucalgary.ca/risk/emergency-management/covid-19-response/covidsafe-campus">https://www.ucalgary.ca/risk/emergency-management/covid-19-response/covidsafe-campus</a></p>
Arts Students' Centre Program Advising:	<p>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 <a href="mailto:ascarts@ucalgary.ca">ascarts@ucalgary.ca</a>.</p> <p>You can also visit the Faculty of Arts website at <a href="http://arts.ucalgary.ca/undergraduate">http://arts.ucalgary.ca/undergraduate</a> which has detailed information on common academic concerns.</p>
Faculty of Graduate Studies:	<p>For graduate studies email: <a href="mailto:graduate@ucalgary.ca">graduate@ucalgary.ca</a> or call 403 220 4938.</p> <p>Visit the Faculty of Graduate Studies for more details: <a href="https://grad.ucalgary.ca/">https://grad.ucalgary.ca/</a></p>