



**UNIVERSITY OF
CALGARY**

**UNIVERSITY OF CALGARY
FACULTY OF ARTS
DEPARTMENT OF ART AND ART HISTORY
Art 340 Panorama & 360 Virtual Reality Photography
Winter 2023**

Course Delivery Format:	In Person <i>PLEASE NOTE: While masks are currently not required at UCalgary, they are strongly encouraged for all on-campus spaces</i>																								
Instructor: Office: Email: Office Hours:	Denis Gadbois AB 729 dgdabois@ucalgary.ca Appointment																								
Day(s), time(s) and location of class:	Friday 14:00-16:45 AB 659																								
Course description:	Students learn how to use software and hardware needed to create panoramas and virtual tours.																								
Prerequisites and/or co-requisites:	Art 235																								
Course Objectives:	By the completion of this course, successful students will be able to: 1. Generate hand held panorama 2. Create large panorama with hardware 3. Learn the software PTGUI to stitch images together 4. Learn to operate a 360 camera (provided as rental) and operate with your phone 5. Learn to create little planet from a 360 camera 6. learn the software Pano2VR to produce Virtual Tour																								
Required Textbooks of Readings:	NA																								
Course Schedule:	<table border="0"> <tr><td>January 13</td><td>Introduction general Hardware presentation techniques</td></tr> <tr><td>January 20</td><td>Panorama</td></tr> <tr><td>February 3</td><td>Introduction to PTGUI</td></tr> <tr><td>February 10</td><td>Introduction to 360 camera (please make sure you have your telephone)</td></tr> <tr><td>February 17</td><td>Postprocessing and Little Planet</td></tr> <tr><td>February 24</td><td>Reading Week</td></tr> <tr><td>March 3</td><td>Introduction to Pano2vr</td></tr> <tr><td>March 10</td><td>360 Virtual Reality</td></tr> <tr><td>March 17</td><td>Pano 2 vr</td></tr> <tr><td>March 24</td><td>Pano 2vr Video Production</td></tr> <tr><td>March 31</td><td>Student Presentation</td></tr> <tr><td>April 7</td><td>No Class Holiday</td></tr> </table>	January 13	Introduction general Hardware presentation techniques	January 20	Panorama	February 3	Introduction to PTGUI	February 10	Introduction to 360 camera (please make sure you have your telephone)	February 17	Postprocessing and Little Planet	February 24	Reading Week	March 3	Introduction to Pano2vr	March 10	360 Virtual Reality	March 17	Pano 2 vr	March 24	Pano 2vr Video Production	March 31	Student Presentation	April 7	No Class Holiday
January 13	Introduction general Hardware presentation techniques																								
January 20	Panorama																								
February 3	Introduction to PTGUI																								
February 10	Introduction to 360 camera (please make sure you have your telephone)																								
February 17	Postprocessing and Little Planet																								
February 24	Reading Week																								
March 3	Introduction to Pano2vr																								
March 10	360 Virtual Reality																								
March 17	Pano 2 vr																								
March 24	Pano 2vr Video Production																								
March 31	Student Presentation																								
April 7	No Class Holiday																								

Assignments & Evaluation

Assignment	Description	Due Date	Worth
Handheld Panorama	DSLR required Stitching using Lithroom	Feb 3	10
Large Panorama	Hardware loan required PTGUI stitching required	Feb 17	20
360 production and Little Planet	360 camera Loan required PTGUI required	March 17	40
Virtual Tour	Produce a virtual tour containing 10 360 photography Pano2VR required	March 31 st	30
Registrar Scheduled Final Exam:	NA		
Models:	NA		
Assessment expectations:	<p><u>Guidelines for Submitting Assignments:</u> D2L folders</p> <p><u>Missed or Late Assignments:</u> Any assignments late will received a point down (i.e. a A- will become a B+)</p> <p><u>Expectations for Writing:</u> Writing skills are important to academic study across all disciplines. Consequently, instructors may use their assessment of writing quality as a factor in the evaluation of student work. Please refer to the Undergraduate Calendar E.2 Writing Across the Curriculum policy for details.</p>		
Additional Costs and Information:	A DSLR is required, rental possible		
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

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 performance
90-95	A	4.0	Excellent-superior performance, showing comprehensive understanding of subject matter.
85-89	A-	3.7	Approaching excellent performance
80-84	B+	3.3	Exceeding good performance
75-79	B	3.0	Good – clearly above average performance with knowledge of subject matter generally complete.
70-74	B-	2.7	Approaching good performance
65-69	C+	2.3	Exceeding satisfactory performance
60-64	C	2.0	Satisfactory – basic understanding of the subject matter.
55-59	C-	1.7	Approaching satisfactory performance
53-54	D+	1.3	Marginal Pass. Insufficient preparation for subsequent courses in the same subject
50-52	D	1.0	Minimal pass – marginal performance; generally insufficient preparation for subsequent courses in the same subject.
0-49	F	0	Fail – 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"> • 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
Academic Standing:	For more information go to http://www.ucalgary.ca/pubs/calendar/current/f.html
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 https://ucalgary.ca/student-services/access/prospective-students/academic-accommodations.</p> <p>Students needing an accommodation based on disability or medical concerns should contact Student Accessibility Services (SAS) in accordance with the Procedure for</p>

	<p>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.</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 www.ucalgary.ca/access/</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 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</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 https://ucalgary.ca/legal-services/sites/default/files/teams/1/Policies-Acceptable-Use-of-Electronic-Resources-and-Information-Policy.pdf</p>
Deferral of Term work and exams	<p>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</p>
Intellectual Property & Copyright:	<p>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).</p> <p>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</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 https://www.ucalgary.ca/registrar/student-centre/privacy-policy</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 http://www.ucalgary.ca/pubs/calendar/current/e-5.html or https://www.ucalgary.ca/research/researchers/ethics-compliance/chreb</p>
Student Support:	<p>Please visit this link for important information on:</p> <ul style="list-style-type: none"> • Wellness and Mental health resources • Emergency Evacuation/Assembly Points • Student Success and more.... <p>https://www.ucalgary.ca/registrar/registration/course-outlines</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>https://www.ucalgary.ca/risk/emergency-management/covid-19-response https://www.ucalgary.ca/risk/emergency-management/covid-19-response/covidsafe-campus</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 ascarts@ucalgary.ca.</p> <p>You can also visit the Faculty of Arts website at http://arts.ucalgary.ca/undergraduate which has detailed information on common academic concerns.</p>
Faculty of Graduate Studies:	<p>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/</p>