

UNIVERSITY OF CALGARY
DEPARTMENT OF ART

COURSE OUTLINE

Art (ART) 311 - Lecture 02

**Topics in Art
Digital Sculpting
Fall 2015**

Lecture M 2:00 - 4:45, AB 659

Instructor: *Robin Furr*
Office Location: *Art 661*
E-Mail: rsfurr@ucalgary.ca
Office Hours: *MW 11:00 - 1:30, other times by appointment*

Course Description

Topics in Art may include art appreciation, art and everyday life, themes in art history.

Prerequisites &/or Co-requisites

N/A

Objectives of the Course

This class is designed to introduce students to the basic principles of digital sculpting, using the programs Sculptiris and Zbrush, current trends in the combination of digital practices and 3D modelling, and the methods of producing physical versions of 3D digital models.

Textbooks and Readings

Recommended: Pixologic ZBrush 4R6: A Comprehensive Guide [Kindle Edition], by Sham Tickoo

Note that presentation files (PowerPoint, Keynote, or otherwise) will *not* be provided to the students except as shown in class. Students who wish to keep that information are urged to take notes.

Assignments and Evaluation

Quizzes (2, weighted equally)	10%
Digital assignments (6, weighted equally) (Grading will be performed on realism, accurate use of the tools, and conformation to the specifics of the assignment (in most cases, this will be things like whether or not the file is scaled appropriately, uses under a specified number of polygons, includes the correct number of level of detail maps, and so on.)	60%
Physical output assignments (2, weighted equally) (Grading will be performed on realism, accurate use of the tools, and conformation to the specifics of the assignment (in most cases, this will be things like whether or not the file is scaled appropriately, uses under a specified number of polygons, includes the correct number of level of detail maps, and so on.)	30%
Total	100%

Please hand in your digital assignments directly to the Dropbox cloud service folder created for your section in .obj or .zbr formats. Physical output assignments will be collected in class.

Assignments and Dates

Date	Anticipated Subject	Assignment
Sept. 14	3D space	None
Sept. 21	Zbrush interface	Simple Model
Sept. 28	Basic sculpting	<i>Simple Zbrush model</i>
Oct. 5	Relief	Head
Oct. 12	Polymesh	Fabric
Oct. 19	Zspheres	Mannequin
Oct. 26	Shadowbox Quiz	Vehicle
Nov. 2	Retopologizing	<i>Tool</i>
Nov. 9	Surfacing	Game Character
Nov. 16	Rendering	<i>Game Character Print</i>
Nov. 23	Integration with Other Tools	
Nov. 30	TBA Quiz	
Dec. 7	Final critique	

Writing

With the exception of quizzes, writing is not a significant component of this course. Quizzes may contain short answer or brief essay questions.

Passing grades on specific assignments are not required for the successful completion of this course.

Registrar-Scheduled Final Exam – NO

Note: It is the student's responsibility to keep a copy of or any relevant documentation regarding each submitted assignment.

Please hand in your physical output assignments directly to your instructor. If this is not possible, you can use the drop box outside of AB 608. Assignments that are put into the drop box will be date-stamped and placed in the instructor's mailbox.

Late Assignment Policy

Except in highly unusual circumstances, assignments cannot be turned in late for credit. Deadlines are firm; late assignments will not be accepted without prior negotiation with the instructor, or with documented illnesses or family emergencies. Documented means a fully explanatory note from an appropriate authority, e.g., physician or counsellor. **In all cases where students do not turn in work on time without such documentation, a grade of zero will be entered into the gradebook for that assignment.** Do not email assignments except by prior arrangement with the instructor; these must be uploaded to the digital drop box.

Additional Information

Students are required to own an external USB storage device, such as a USB flash drive or external hard drive, with at least four gigabytes of available storage, and to save their work both in their Drop-box account and on the memory key. Losing a file due to file storage errors is not a valid excuse for not turning homework in.

In addition, students are encouraged to purchase a drawing tablet for their computer (e.g., a Wacom Intuos); lower-end models are acceptable, but students who intend to pursue further work in digital media may wish to invest in a model that will carry them through future courses. No assignment specifically depends on tablet use.

The final assignment is expected to cost between \$30 and \$120 in printing costs, depending on size and materials used.

Grading Method/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.

Studio Procedures

As this is a digital arts class, much of the class and its homework will be performed in a public computer lab. Students should therefore show those people working in other parts of the lab respect, and refrain from horseplay, loud conversation, or other disruptive activities. Being a part of this class does not grant additional rights or privileges over other students using the same facilities.

Internet and Electronic Communication Device Information

Due to the size of the class, and the need to keep the class moving forward as a whole, the use of cell phones, audio players, or other portable electronic devices for any use other than as an e-reader (in cases where students have chosen to purchase that edition of the text) or as a drawing tablet is strictly prohibited: students who use these devices can expect to have them taken away for the duration of the class session. Furthermore, while network access is necessary for the class, students who use the web for purposes other than class work will be asked to leave the class session, and will not be permitted to return until the next class meeting.

Students MAY use personal laptops with a recent Zbrush version installed: however, the student will be responsible for accommodating any differences between the version of Zbrush as provided in the lab. Course time will not be used to assist students in resolving differences between user interfaces and/or features of various versions of the application...

Academic Accommodation

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services (S.A.S.); S.A.S. 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/

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.

The full policy on Student Accommodations is available at http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy_0.pdf

Academic Standing

For more information go to <http://www.ucalgary.ca/pubs/calendar/current/f.html>

Deferral of Exams/Term work

It is possible to request a deferral of term work or final examination(s) for reasons of illness, accident, family or domestic affliction, or religious obligations. Please check with Enrolment Services if any of these issues make it impossible for you to sit an exam or finish term work by stated deadlines.

For more information go to http://www.ucalgary.ca/registrar/deferred_final

F.O.I.P.

For more information go to <http://www.ucalgary.ca/secretariat/privacy>

Writing/Plagiarism

Using any source whatsoever without clearly documenting it is a serious academic offense. Consequences include failure on the assignment, failure in the course and possibly suspension or expulsion from the university. Visual art projects submitted for course credit must be produced by the student specifically for this class. Students must not submit projects if credit has or will be provided for it in another class. This includes re-worked assignments from previous or concurrent courses, unless permission is provided in writing by the instructor. Additionally, the student is asked to be mindful of using visual sources from the internet, ensuring that that material is not derived from any on-line or other available source, and that appropriate copyright permission is granted, when required.

For more information go to <http://www.ucalgary.ca/ssc/writing-support>
or <http://www.ucalgary.ca/pubs/calendar/current/e-2.html>

Student Misconduct

For more information go to <http://www.ucalgary.ca/pubs/calendar/current/k.html>

Student Union

For more information go to <http://www.su.ucalgary.ca/>.

Student Ombudsman

For more information go to <http://www.ucalgary.ca/provost/students/ombuds>

Lockers

The Art Building lockers are administered through the Student's Union's used bookstore, Bound and Copied. Lockers are rented on a first come, first served basis. Due to the shortage of lockers, and the high demand, students cannot hold more than one locker at a time. All of the details on renting a locker and your responsibilities can be found on the Locker Rental Agreement at

https://www.su.ucalgary.ca/wp-content/uploads/2014/08/locker_rental_agreement_2010.pdf

Lockers for all sessions can be rented through my.ucalgary.ca. Once you're in the Student Centre, click on **Other Academic Services** and choose **Locker Reservation**.

Lockers must be vacated by the end of term.

For more information go to <http://www.su.ucalgary.ca/>

Models

In this class students may be expected to be exposed to nude models or images containing nudity. A student electing not to do so must notify the instructors IN WRITING of his/her concerns.

Portfolios and Assignments

The Department of Art will not assume responsibility for lost or stolen portfolios or course work given to instructors for grading, or for work posted on bulletin boards in the art building.

Note - All unclaimed work will be disposed of.

Note - Studio spaces, bulletin boards and display areas need to be cleared 2 weeks after the last day of classes.

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>

Campus Security/Safewalk

Call 220-5333 anytime. Help phones are located throughout campus, parking lots and elevators; they connect directly to Campus Security - in case of emergency, press the red button.

For more information go to <http://www.ucalgary.ca/security/safewalk>

Emergency Evacuation

For more information go to <http://www.ucalgary.ca/emergencyplan/assemblypoints>

Faculty of Arts Program Advising and Student Information Resources

Have a question but not sure where to start? The Arts Students' Centre is your information resource for everything in the Faculty of Arts. Stop by SS102, call us at 220-3580 or email us at ascarts@ucalgary.ca or artsads@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.

For program planning and advice, contact the Student Success Centre at 220-5881 or visit them on the 3rd floor of the Taylor Family Digital Library.

For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at 210-ROCK [7625] or visit them at the MacKimmie Library Block.