UNIVERSITY OF CALGARY
COURSE OUTLINE

DEPARTMENT OF ART

Course Name & Number: ART 315
Session: Fall 2012

Instructor	Dr. J. R. Parker
Office:	AB 606
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Office Hours:	MW 2:30-3:30
Location and Time of class	9:30 - 10:15 TR AB 659
Text(s)/Readings:	Reas, C. and Fry, B. **Processing: A Programming Handbook for Visual Designers and Artists.** MIT Press, Cambridge, MA. 2007. Shiffman, D. **Learning Processing - A beginner's guide to programming images, animation, and interaction.** Morgan KaufmannBurlington, MA. 2008. Habgood, J. and Overmars, M. **The Game Maker's Apprentice.** , APress, Springer-Verlag, New York. 2006.
Prerequisites	½ Course in Art or consent of the Department
Course Description	An introduction to computers and programming within the context of artistic practice. Algorithms within the arts domain, and applications, including interactive and dynamic applications, across range of artistic practices including: images, audio, animation, multimedia, web, and installations. Students will develop in-class and take home projects, as well as a final project of their own design. This course, at this time, uses Alice, GameMaker and the Processing language.
Course Objectives	Upon successful completion of this course, students should: 1. Be able to write basic programs in Alice, Gamemaker, Processing; 2. Understand the ideas behind generative art, and the use of algorithms in a creative process; 3. Be able to create artistic works using these paradigms in a specified language; 4. Be familiar with basic techniques in visualization using a computer; 5. Understand basic strategies for interaction design and their implementation; 6. Understand how to create and manipulate computer images.

Course Activities	http://www.minkhollow.ca/Art315/assignments/index.html
Course Content	http://www.minkhollow.ca/Art315/schedule.html
Assessments (Include grading scale and weighting assigned to each component)	Reading responses 10% In-Lab assignments 25% Take Home Assignments 35% Term project – a **Generative Art Piece** **30%**
Final Exam (format, location, percentage of final grade, aids allowed)	None
ACADEMIC ACCOMMODATION	http://www.ucalgary.ca/drc/node/46
FOIP	http://www.ucalgary.ca/secretariat/privacy
ACADEMIC STANDING	http://www.ucalgary.ca/pubs/calendar/current/f.html
CAMPUS SECURITY	220-5333. Help phones: located throughout campus, parking lots, elevators. They connect directly to Campus Security; in case of emergency, press the red button.
COURSE OUTLINES FOR TRANSFER CREDIT	It is possible that you will be asked for copies of this outline for credit transfers to other institutions or for proof of work done. It is the **student's** responsibility to keep these outlines and provide them to employers or other universities when requested. Please ensure that outlines of all the courses you take are kept in a safe place for your future reference. Departments/Programs do not guarantee that they will provide copies.
DEFERRALS OF EXAMS/TERM WORK	It is possible to request a deferral of term work or final examinations for reasons of illness, accident, family or domestic affliction, or religious obligations. Please check with your advisor if any of these issues make it impossible for you to sit an exam or finish term work by stated deadlines.
EMERGENCY EVACUATION	http://www.ucalgary.ca/emergencyplan/assemblypoints

LETTER OF PERMISSION	If you wish to study at another institution while registered at the UofC, you must have a letter of permission. You can submit your request through your Student Centre at MyUofC. Students must have the Letter of Permission **before** they take the course at another school. Failure to prepare may result in no credit awarded and could result in suspension from the faculty.
PLAGIARISM	Using any source whatsoever without clearly documenting it is a serious academic offense. For details see the University of Calgary Calendar. Consequences include failure on the assignment, failure in the course and possibly suspension or expulsion from the university. You must document not only direct quotations but also paraphrases and ideas where they appear in your text. A reference list at the end is insufficient by itself. Readers must be able to tell exactly where your words and ideas end and other people's words and ideas begin. This includes assignments submitted in non-traditional formats such as Web pages or visual media, and material taken from such sources. Please consult your instructor or the Writing Centre if you have any questions regarding how to document sources. http://www.efwr.ucalgary.ca/writingcentre
SAFEWALK	**220-5333 anytime.** http://www.ucalgary.ca/security/safewalk
STUDENT MISCONDUCT	http://www.ucalgary.ca/pubs/calendar/current/k.html
STUDENT UNION CONTACT STUDENT OMBUDSPERSON	http://www.su.ucalgary.ca/home/contact.html http://www.su.ucalgary.ca/services/student-services/student-rights.html
UNDERGRADUATE ASSOCIATIONS	DUS: Drama Undergraduate Society CH C 005 dusuofc@hotmail.com MUS: Music Undergraduate Society CH F 219 UofC Mus Group on Facebook PIVOT: Dance Undergraduate Society CH E 211 pivot@ucalgary.ca VSUS: Visual Studies Undergraduate Society AB 612 vsus@ucalgary.ca

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