

**San José State University  
Department of Art & Art History,  
Department of Computer Science  
Art/CS 108, Section 2, Fall, 2018**

**Course and Contact Information**

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<b>Office Hours:</b>	M/W 1345 – 1445
<b>Class Days/Time:</b>	F 1230 - 1515
<b>Classroom:</b>	ART 135

**Additional Contact Information**

\* E-mail is generally the best method of contact during non-office hours.

\* Please allow 48-hours for an e-mail response.

\* Emergency: 911 \_Campus Escort: 42222

\* Individuals with disabilities may contact the Disability Resource Center (DRC), Administrative Building 110, 408/ 924-6000, for a variety of formats such as Braille, large print, sign interpreters, assistive listening devices, audio tape and accommodations for physical accessibility.

**Course Format**

This course will be taught primarily face to face, but students are expected to have reliable Internet connections for use of the Canvas Learning Management System (Canvas or LMS) and for use of online resources.

**Course Description**

Introduction to the systems, design, history, and cultural analysis of games with emphasis on development, technological literacy, markets and impact on society.

In this course we shall read about, write about, play and design traditional paper based and video games.

**Course Goals and Student Learning Objectives**

Upon successful completion of this course, students will be able to:

LO1 Demonstrate an appreciation for the cultural value of the technologies and strategies used in games through writing and projects;  
LO2 Investigate and research user experiences of their own games and those of others;  
LO3 Apply researched information to improve player experience;  
LO4 Speak and write clearly about their own and others' work;  
LO5 Demonstrate and apply technological and information literacy;  
LO6 Translate different kinds of subject matter into gaming environments;  
LO7 Create original and creative content through the medium of games.

### **Required Texts/Readings**

**Introduction to Game Design, Prototyping, and Development: From Concept to Playable Game with Unity and C#**, 2nd Edition, Jeremy Gibson Bond, eText ISBN 9780134659886, print text ISBN 9780134659862

Please also be aware that the library has tremendous resources relating to games and game studies. We have a lib guide at <http://libguides.sjsu.edu/GameStudies>

### **Library Liaison**

**Peggy Cabrera**

Email: [peggy.cabrera@sjsu.edu](mailto:peggy.cabrera@sjsu.edu)

Phone: 408-808-2034

### **Course Requirements and Assignments**

SJSU classes are designed such that in order to be successful, it is expected that students will spend a minimum of forty-five hours for each unit of credit (normally three hours per unit per week), including preparing for class, participating in course activities, completing assignments, and so on. More details about student workload can be found in [University Policy S12-3](#) at <http://www.sjsu.edu/senate/docs/S12-3.pdf>.

### **General Advice –**

Fail early, and fail often. If you take chances in your proposal and draft there is always room to fix it in your final. A mediocre idea that is work-shopped through your peers on time creates a better project than an amazing idea that is realized the night before.

### **Assignments and Grading Policy**

Game labs- 20%

Game labs are structured play or design sessions often followed by brief reflective writing, and in-class discussion. These sessions are done as a group and are very difficult to make up. LO2, LO3.

Blog - 20%

Students will be asked to maintain a weblog to publically post writings and responses to readings. Students will write no less than 200 words (approximately one 'typed' page and include images). Points will be given for both postings and peer review. LO1, LO4, LO5.

#### Participation - 10%

Active participation within groups and in discussion is expected. Performance can be tracked in CANVAS beginning the second week of class. This will often be measured by in class exercises and reading quizzes. LO4

#### Game 1: paper prototype – 10%

Design, play test and turn in a paper based game using the readings and your group as a development guide. Games will be evaluated according to the game rubric. LO1, LO2, LO3, LO4, LO5, LO6, LO7.

#### Game 2: videogame prototype - 10%

Design, play test and turn in a digital game using the readings and your group as a development guide. We shall use Game Maker for this prototype so that we can see the advantages of a toolkit like GM. Games will be evaluated according to the game rubric. LO1, LO2, LO3, LO4, LO5, LO6, LO7.

#### Midterm -10%

Midterm will cover essential vocabulary and concepts. The class will work on a study guide throughout the semester. LO1.

#### Final - Paper, Presentation, Game or Exam – 20%

The final project of this course will be negotiated between the individual and the instructor. It may be a formal paper, presentation (video or in person), third game. This form will be determined by the midterm. LO7.

### Attendance

NOTE that University policy F69-24, "Students should attend all meetings of their classes, not only because they are responsible for material discussed therein, but because active participation is frequently essential to insure maximum benefit for all members of the class. Attendance per se shall not be used as a criterion for grading."

### Grading Policy

#### Projects

Each project will be evaluated according to the following formula:

Technical Skill (20%) + Aesthetic Quality (20%) + Conceptual Depth (20%) + Writing (20%) + Followed Directions (20%) = 100% (multiply by points for project)

	2	1	0
technical	Project exhibits considerable skill, innovation or extraordinary improvement in skill level and handling of the techniques compared to drafts and previous	Project exhibits some skill or moderate improvement in skill level and handling of the techniques as measured from the drafts and previous projects.	Project is sloppy, rushed or doesn't use techniques learned in class.

aesthetic	projects. Project exhibits considerable or extraordinary understanding of color, format, print quality, composition and other formal elements appropriate for project. Formal elements support conceptual theme of project.	Project exhibits a working understanding of color, format, print quality, composition and other formal elements appropriate for project. Formal elements partially supports conceptual theme of project.	Little or no consideration for the visual qualities of the work.
conceptual	Project exhibits a depth of knowledge and theme. Extraordinary relevancy and knowledge of subject. Visual elements support an idea.	Ideas represented in project are not clear or not realized.	Project is shallow and shows no consideration for a central idea.
publish	Readable and relevant to the work, the writing provides insights and clarity to the nature, production or ideas about the work. Writing is in a grammatically relevant writing style with helpful images and working links.	Writing is unclear or unnecessarily short, contributes little to meaning or understanding of work. Site is simplistic or not finished.	Writing is not readable, not understandable, not in English or not present.
project direction or process	Attention to details of project description and intention, deviations are pre-approved by instructor.	Project requirements are taken into consideration but work deviates from assignment without pre-approval of instructor.	Little or no requirements of project assignment are exhibited.

Letter Grade	Range
A	94-100
A-	90-93
B+	87-89
B	84-86
B-	80-83
C+	77-79
C	74-76
C-	70-73
D+	67-69
D	65-66
F	0-64

## Final Examination or Evaluation

See course schedule for final periods, peer review and presentation is required on multiple dates to satisfy the final project requirements.

**Please note:** Except in cases of documented emergencies, incomplete grades are not given in this course.

“All students have the right, within a reasonable time, to know their academic scores, to review their grade-dependent work, and to be provided with explanations for the determination of their course grades.” See University Policy F13-1 at <http://www.sjsu.edu/senate/docs/F13-1.pdf> for more details.

## **Additional Note:**

This syllabus is subject to change, in the event of unforeseen circumstances, or in the case that changes will significantly enhance the quality of the course. Students will collectively have the opportunity to shape the ways in which the course unfolds.

## Department Advising

For information about majors and minors in Art & Art History, for change of major/minor forms and a list of advisors: <http://www.sjsu.edu/art/> or the Art & Art History department office in ART(H)/(PHOT) 116, 408-924-4320, [art@sjsu.edu](mailto:art@sjsu.edu)

## Classroom Protocol

### Student Responsibilities

- Students are responsible for all information presented in lectures and demonstrations, and through assigned readings and web related research.
- Students will present and critique their projects, drafts and proposals in class and on-line.
- Students are responsible for finding time to come in to the lab to complete assignments or use their own computer. Computer use and software is made available to students, it is your responsibility to take advantage of this or to purchase your own machines and software.
- Students are responsible for actively engaging in the course material by completing all course assignments and readings.
- In the course of the semester we will undoubtedly talk about things, which are not in the mainstream and may be controversial. If at any time you find the subject or content of this course objectionable you are encouraged bring that into the discussion. If however you find a presentation offensive you are permitted to quietly, without disrupting the class, excuse yourself. It is then your responsibility to contact the instructor for make-up work.
- Additionally students are responsible for their own well-being. If you need help, it is your responsibility to ask for it.

“Success in this course is based on the expectation that students will spend, for each unit of credit, a minimum of 45 hours over the length of the course (normally three hours per unit per week) for instruction, preparation/studying, or course related activities, including but not limited to internships,

labs, and clinical practica. Other course structures will have equivalent workload expectations as described in the syllabus.”

### **Late Assignments**

Assignments are to be turned in on time and complete. An assignment will not be considered complete until all elements are uploaded and fully working. Assignments that are turned in on time may be redone for full credit until the last week of class. It is most important to present your work publically. Note that project presentation days are mandatory, if a project is not presented on a critique day it may be considered late. Late assignments may receive a one time 10% penalty.

### **University Policies**

Per University Policy S16-9, university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc. will be available on Office of Graduate and Undergraduate Programs' Syllabus Information web page at <http://www.sjsu.edu/gup/syllabusinfo/>

### **Student Technology Resources**

Computer labs for student use are available in the [Academic Success Center](http://www.sjsu.edu/at/asc/) at <http://www.sjsu.edu/at/asc/> located on the 1st floor of Clark Hall and in the Associated Students Lab on the 2nd floor of the Student Union. Additional computer labs may be available in your department/college. Computers are also available in the Martin Luther King Library. A wide variety of audio-visual equipment is available for student checkout from Media Services located in IRC 112. These items include DV and HD digital camcorders; digital still cameras; video, slide and overhead projectors; DVD, CD, and audiotape players; sound systems, wireless microphones, projection screens and monitors.

### **Polling Technology**

I will be using REEF Polling as a student response system in class this term. REEF Polling helps me to understand what you know and gives everyone a chance to participate in class. I will use REEF Polling to keep track of participation. Participation with REEF Polling will account for no more than 10% of the final grade.

### **Device Options:**

You will have several options available to participate in clicker sessions, all options are available to you at **NO COST**: REEF Polling App: Allows you to use your smart phone, tablet, or even laptop in class as a clicker to participate. Clicker Remote: You can request to borrow a Clicker remote from eCampus ([eCampus@sjsu.edu](mailto:eCampus@sjsu.edu)) for free. Remotes are to be returned to eCampus at the end of the semester.

## Course Schedule

### Course Schedule

*This schedule is subject to change with fair notice. All changes will be publicly announced in the class forum and noted in CANVAS.*

Week	Date	Topics, Readings, Assignments, Deadlines
1	Aug 24	Intro / prototyping exercise Library Pin Adopt a classic arcade game: <a href="https://archive.org/details/internetarcade">https://archive.org/details/internetarcade</a>
1		DUE: Blogpost 1: Description of Play: Arcade Game ludology (what is a game, what is play, how is it related to culture?) game lab 0 (Design a game Today!) Due <b>(IGDPD) CH 1</b> : Thinking like a designer.
2	Aug 31	playing games, writing that is useful to designers – (Session Reports)
2		Due: <b>(IGDPD) CH 7</b> : Acting like a designer EXERCISE: game lab 1 (card game/board game/ physical game)
3	Sep 7	Blogpost 2 Due Boardgame Lab Due <b>(IGDPD) CH 8</b> design goals
4	Sep 14	<b>(IGDPD) CH 9</b> paper prototyping <b>(IGDPD) CH 10</b> game testing game design 1 (paper prototype)
4		Board Games / Card Games
5	Sep 21	Paper prototype playtest Blog 3 (Paper Prototype)
5		Game Analysis: MDA; DUE: Reading: MDA Framework: <a href="http://www.zubek.net/robert/publications/MDA.pdf">http://www.zubek.net/robert/publications/MDA.pdf</a> <b>(IGDPD) CH 2</b>
6	Sep 28	EXERCISE: game lab 2 – video game play Blog 4 (Video Games Played)
6		video game engines/ toolkits <b>(IGDPD) CH 11</b> math and balance & <b>(IGDPD) CH 12</b> guiding the player
7	Oct 5	Unity Demo
7		game design 2 Video Game Design Document <b>(IGDPD) CH 14</b> agile & <b>(IGDPD) CH 15</b> industry
8	Oct 12	virtual worlds / MMORPG History of Video Games
8		<b>(IGDPD) CH 13</b> puzzle design
9	Oct 19	Videogame First Playable Blog 5 (first playable)

Week	Date	Topics, Readings, Assignments, Deadlines
9		(IGDPD) CH 3 the layered tetrad ludology vs. narratology Jenkins: games as narrative architecture
10	Oct 26	casual games / everybody games
10		DUE: Video Game Prototype Blog 6 (video game prototype)
11	Nov 2	rpg / larp (IGDPD) CH 4 the inscribed layer
11		Proposal for Final Project Due GDW Chapter 11: Fun and Accessibility
12	Nov 9	(IGDPD) CH 5 the dynamic layer ARG / Transmedia Storytelling Players types
13	Nov 16	(IGDPD) CH 6 the cultural layer Modded Gameplay / game mods
13		game lab 3 – GPS Games blog 7 (technology based non-video games)
14	Nov 23	Midterm Week Draft of Final Blog 8 (final project) games as art/ art as games / game art
15	Nov 30	gamification and marketing DUE: Reading: Ian Bogost, “Gamification is Bullshit” <a href="http://www.bogost.com/blog/gamification_is_bullshit.shtml">http://www.bogost.com/blog/gamification_is_bullshit.shtml</a>
15		Game Criticism and popular media
16	Dec 7	Final Presentations (Presentations & Papers)
		Final Presentations (Gameplay)
Final Exam	Mon Dec 17, 1215-1430	(Final Presentations / Final Play) Blog 9 (course reflection)