



# GAM 226-401: Fundamentals of Game Design

AU 2020 :: T, Th 11:20 AM-12:50 PM, LPC Levan 304



## Instructor Info

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Dr. Michael A. DeAnda

Call me "Dr. Mike"

Email: [mdeanda@depaul.edu](mailto:mdeanda@depaul.edu)

Pronouns: any human-related pronouns are acceptable (i.e. not "it")

### Office Hours

Via Zoom: T & Th 9-10:15 AM

See D2L for link.

F2F: T 3-5 PM

Daley 205B

**Regarding email communication:** I will usually respond to emails within a few hours between 9AM and 5 PM Monday through Friday. **I do not check emails on weekends.**



## Course Description

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GAM 226 provides students with a practical foundation in game design with a focus on concept development, design analysis, and prototyping. Using game design theory, analysis, physical prototyping, playtesting, and iteration students learn how to translate game ideas, themes, and metaphors into gameplay and player experiences. Students will further be exposed to the basics of effective game idea communication.



## Course Learning Outcomes

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By the end of this course, students will be able to:

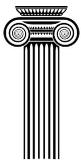
- develop the vocabulary and critical understanding to describe and analyze the components of games and gameplay experiences
- develop a game idea from concept to playable, analogue prototype
- use common methods for documenting game design such as game design documents and playtesting reports
- communicate their game ideas through pitch, prototype, and presentation



## Required Materials

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- Upton, Brian. *Situational Game Design*. CRC Press. 2017 ISBN 9781138031814
  - eBook available freely for DePaul students with institutional credentials through the library <https://depaul.on.worldcat.org/oclc/1009042653>
- A rapid prototyping kit that includes:
  - A box or pack to keep materials together
  - Scissors
  - 1 d6 (six-sided die)
  - index cards
  - tape
  - loose-leaf paper
  - markers/colored pencils
  - a pen or pencil
  - Standard deck of cards (54 with Jokers)
- Assigned games will be made available to students in the Game Play Lab.
- Additional readings will be posted on D2L in the “Content” section. Students are expected to apply these to weekly discussions.



## Course Structure

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### Self-guided learning

Most of this class will be *self-guided*, several pre-recorded lectures will be posted on D2L and synchronous meetings will focus on group discussion. Students are expected to have watched lectures and prepared questions for synchronous meetings, participate in discussion boards, and submit all work through D2L.

### Synchronous Meetings

Students will have access to the Zoom meetings using their DePaul University credentials to login. Scheduled meetings will be recorded and posted to D2L.

I am not requiring you to have or use a webcam for this class, but if you do have one, I would greatly appreciate it if you turned it on during our course meetings. Talking to a screen of black boxes with names is alienating and more exhausting.



## Grading Breakdown

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Class sessions will combine lectures on game design topics, with analysis of particular games and in-class activities designing and playing games. Students are expected to attend all classes and do the assigned reading, homework, and gameplay before class time.

Student progress will be assessed through a combination of homework assignments, game analysis papers on a game of student's choice, a group game design project, and class participation.

Participation	20%
Major Game Design Project	60%
Game Design Assignment	10%
Discussion Moderation	10%

Students wishing to **contest a grade** may do so during office hours or by appointment a minimum of 24 hours and a maximum of a week after assignments have been returned.

A	93-100
A-	92-90
B+	89
B	88-81
B-	80
C+	79
C	78-71
C-	70
D+	69
D	69-61
D-	60
F	59-



## Assignment Info

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All assignments are due on the indicated date at the beginning of class. Below is a brief summary of each assignment. More detailed instructions will be provided on assignment sheets on D2L.

Assignments (except for designated group assignments) must represent a student's individual effort. While students are permitted to discuss assignments at the conceptual level, under no circumstances should students share specific answers (electronically or otherwise). You must credit/cite anything content, image, writing, or idea that is not your own.

\*Unless there are unforeseen circumstances, assignments will usually be graded and returned within one week of the due date.

### **Game Analysis Discussion**

Every week, you will discuss the assigned games and readings.

### **Game Assignments (2)**

Throughout the quarter, you will have two game design assignments, each designed to help you think through different parts of designing. The first will focus on designing an experience, the second will require you to think critically about translating intellectual property across media. *Games consisting of mini-games are not allowed.*

### **Major Game Design Project**

In groups, students will go through the game development process to create a polished, public-facing game. Each team will produce a pitch, design document, iterate on a playable prototype, and playtest. The final project will be the finished, polished, and playable game posted online. *Games consisting of mini-games are not allowed.*



### **Late Work, Absences, Make-Ups, and Extra Credit**

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**Late work** will receive a 10% penalty for every course meeting following the due date/time. *Exception:* Students with extreme circumstances should contact the Dean of Students Office who will then contact your instructors (including me) and we will work out an alternative approach.

**Makeup Work:** Students are allowed to resubmit work for regrading. The student will submit a brief document addressing how they incorporated feedback from the initial assignment along with the iterated assignment. All work considered for regrading must be submitted by Week 10. If the original submission was late, the resubmission will only be eligible for the number of total points possible minus any late penalties (if an assignment was submitted 2 course meetings late, a resubmission may receive up to 80%).

**Extra credit** will be given at the instructor's discretion, this usually involves attending a design or games related lecture and writing a reflection.



## Course Schedule

Excuse the weirdness of the schedule. My brain will struggle with a week that starts on a Thursday, but technically there are 10 Wednesday-to-Tuesday weeks

Additionally, you should complete your weekly discussion assignments and watch any lecture videos posted on D2L.

Week	Readings & Games	Submit/Complete
Week 1 9/9	Read: <ul style="list-style-type: none"> <li>Upton, Ch 1</li> </ul>	Sign up to lead game discussion
Week 2 9/14	Read: <ul style="list-style-type: none"> <li>Upton, Ch 2</li> <li>Bogost, "The Rhetoric of Video Games"</li> </ul> Play: <ul style="list-style-type: none"> <li>The Resistance (in class T)</li> </ul>	Complete the Major Project Skill survey
Week 3 9/21	Read: <ul style="list-style-type: none"> <li>Upton, Ch 3</li> <li>Sicart, "Architects"</li> <li>(recommended) <a href="#">Mignano, "Using Paper Prototyping to Design Your Games"</a></li> </ul> Play: <ul style="list-style-type: none"> <li>Codenames</li> </ul>	Submit Individual Assignment 1 (9/21)
Week 4 9/28	Read: <ul style="list-style-type: none"> <li>Upton, Ch 4</li> </ul> Play: <ul style="list-style-type: none"> <li>Coup</li> </ul>	Submit Major Group Project Pitches (9/28)
Week 5 10/5	Read: <ul style="list-style-type: none"> <li>Upton, Ch 5</li> </ul> Play: <ul style="list-style-type: none"> <li>Tsuro: The Game of the Path</li> </ul>	Major Project Design Documents due for peer review (10/7)
Week 6 10/12	Read: <ul style="list-style-type: none"> <li>Upton, Ch 6</li> </ul> Play: <ul style="list-style-type: none"> <li>Lovelace &amp; Babbage</li> </ul>	Major Group Project Design Documents Final drafts due 10/14
Week 7 10/19	Read: <ul style="list-style-type: none"> <li>Upton, Ch 7</li> </ul> Play:	

	<ul style="list-style-type: none"> <li>• Once Upon a Time</li> </ul>	
Week 8 10/26	Read: <ul style="list-style-type: none"> <li>• Upton, Ch 8</li> <li>• Fullerton, "Playtesting"</li> </ul> Play: <ul style="list-style-type: none"> <li>• Love Letter</li> </ul>	Playable prototype of Major Group Project Due. <b>Playtesting 10/26</b>
Week 9 11/2	Playtesting on Tuesday	<b>11/2 - Playtesting Report #1 Due</b> & Iterated prototypes of Major Projects for Playtesting
Week 10 11/9	Playtesting on Tuesday	<b>11/9 - Playtesting Report #1 Due</b> & Iterated prototypes of Major Projects for Playtesting
(Pickup day) 11/16	Major project Presentations on Tuesday.	<b>Playtesting Report #2 Due</b> Major Project Game Due (11/16)
Week 11 - Finals Week 11/23	Final exam period: 11/23 11:30 AM - 1:45 PM	Submit: <ul style="list-style-type: none"> <li>• Group Postmortem</li> <li>• Peer assessments</li> </ul>

## Academic Integrity

DePaul University is a learning community that fosters the pursuit of knowledge and the transmission of ideas within a context that emphasizes a sense of responsibility for oneself, for others and for society at large. Violations of academic integrity, in any of their forms, are, therefore, detrimental to the values of DePaul, to the students' own development as responsible members of society, and to the pursuit of knowledge and the transmission of ideas. Violations include but are not limited to the following categories: cheating; plagiarism; fabrication; falsification or sabotage of research data; destruction or misuse of the university's academic resources; alteration or falsification of academic records; and academic misconduct. Conduct that is punishable under the Academic Integrity Policy could result in additional disciplinary actions by other university officials and possible civil or criminal prosecution. Please refer to your Student Handbook or visit Academic Integrity at DePaul University (<http://academicintegrity.depaul.edu>) for further details.



## Resources for Students

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### Writing Center

I strongly recommend you make use of the Writing Center throughout your time at DePaul. The Writing Center provides free peer writing tutoring for DePaul students, faculty, staff, and alumni. Writing Center tutors work with writers at all stages of the writing process, from invention to revision, and they are trained to identify recurring issues in your writing as well as address any specific questions or areas that you want to talk about. Visit [www.depaul.edu/writing](http://www.depaul.edu/writing) for more information.

### Idea Realization Lab (IRL)

The Idea Realization Lab is a resource available to the entire DePaul University community, from students to alumni, faculty, and staff. They provide machines, tools, and materials at no cost, and offer workshops to teach visitors how to use the equipment safely. Their goal is to foster a spirit of collaboration and to promote creativity across the campus and throughout the city of Chicago.

I encourage you to make use of the IRL, including prototyping your design and getting a consultation from the staff there. This space is a great resource for all levels of the design and development process. Visit <http://irl.depaul.edu/> for more information.

Contact Info:

Email: [idearealizationlabdpu@gmail.com](mailto:idearealizationlabdpu@gmail.com)

Phone: (312) 362-1451

Location:

Room 310

14 E Jackson Blvd

### The Dean of Students Office

The Dean of Students Office (DOS) is primarily responsible for meeting the urgent needs of students by providing clear and critical support structures in times of need. Additionally, the department helps develop and maintain community standards in order to facilitate a safe and healthy campus environment for our students. The Dean of Students Office provides the administrative withdrawal and absence notification processes, and can help students identify campus and community resources in times of personal and/or family crises and medical emergencies.

The Dean of Students Office at DePaul University promotes student learning and ethical decision making in an inclusive and student-centered environment. Utilizing a comprehensive approach to student advocacy that is informed by DePaul's Catholic, Vincentian, and urban mission, the office collaborates with students, staff, faculty, parents and community partners to support students in reaching their academic and personal success.

Contact Info:

Phone: 773-325-7290

Email: [deanofstudents@depaul.edu](mailto:deanofstudents@depaul.edu)

Or visit their [Website](#)

Location:

Lincoln Park Campus

Student Center, Suite 307

2250 N. Sheffield Ave.



## COVID-19 Policies

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Keeping our DePaul community safe is of utmost importance in the pandemic. Students, faculty and staff are expected to (1) wear a mask as required at all times while indoors on campus; (2) refrain from eating and drinking in classrooms; (3) keep current with their COVID-19 vaccinations or exemptions; (4) stay home if sick; (5) participate in any required COVID-19 testing; (6) complete the online Health and Safety Guidelines for Returning to Campus training; and (7) abide by the City of Chicago Emergency Travel Advisory. By doing these things, we are Taking Care of DePaul, Together. The recommendations may change as local, state, and federal guidelines evolve. Students who do not abide by the mask requirement may be subject to the student conduct process and will be referred to the Dean of Students Office. Students who have a medical reason for not complying with any requirements should register with DePaul's Center for Student with Disabilities (CSD).

Visit <https://resources.depaul.edu/coronavirus/> for more info.



## DePaul and College-Specific Policies

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### NAME & GENDER PRONOUNS

Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, culture, religion, politics, sexual orientation, gender, gender variance, and nationalities. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the quarter so that I may make appropriate changes to my records. Please also note that students may choose to identify within the University community with a preferred first name that differs from their legal name and may also update their gender. The preferred first name will appear in University related systems and documents except where the use of the legal name is necessitated or required by University business or legal need. For more information and instructions on how to do so, please see the Student Preferred Name and Gender Policy at [policies.depaul.edu/policy/policy.aspx?pid=332](https://policies.depaul.edu/policy/policy.aspx?pid=332)

### RESOURCES FOR STUDENTS WITH DISABILITIES

Students who feel they may need an accommodation based on the impact of a disability should contact the instructor privately to discuss their specific needs. All discussions will remain confidential. To ensure that you receive the most appropriate accommodation based on your needs, contact the instructor as early as possible in the quarter (preferably within the first week of class), and make sure that you have contacted the Center for Students with Disabilities (CSD) by emailing [csd@depaul.edu](mailto:csd@depaul.edu) and/or visiting one of the locations below.

#### Loop Campus

Lewis Center Suite 1420  
25 East Jackson Blvd  
phone: (312) 362-8002

#### Lincoln Park Campus

Student Center, Suite #370  
2250 N Sheffield Ave  
phone: (773) 325-1677

fax: (312) 362-6544  
tty: (773) 325-7296

fax: (773) 325-3720  
tty: (773) 325-7296

### **ONLINE COURSE EVALUATIONS**

Evaluations are a way for students to provide valuable feedback regarding their instructor and the course. Detailed feedback will enable the instructor to continuously tailor teaching methods and course content to meet the learning goals of the course and the academic needs of the students. They are a requirement of the course and are key to continue to provide you with the highest quality of teaching. The evaluations are anonymous; the instructor and administration do not track who entered what responses. A program is used to check if the student completed the evaluations, but the evaluation is completely separate from the student's identity. Since 100% participation is our goal, students are sent periodic reminders over three weeks. Students do not receive reminders once they complete the evaluation. Students complete the evaluation online in [campusconnect.depaul.edu](https://campusconnect.depaul.edu).

### **ACADEMIC INTEGRITY & PLAGIARISM**

This course will be subject to the university's academic integrity policy. More information can be found on DePaul's [academic integrity website](#). If you have any questions, be sure to consult with your professor.

### **SEXUAL AND RELATIONSHIP VIOLENCE**

As a DePaul community, we share a commitment to take care of one another. Classroom relationships are based on trust and communication. Sometimes, material raised in class may bring up issues for students related to sexual and relationship violence. In other instances, students may reach out to faculty as a source of help and support. It is important for students to know that faculty are required to report information reported to them about experiences with sexual or relationship violence to DePaul's Title IX Coordinator. Students should also know that disclosing experiences with sexual or relationship violence in course assignments or discussion does not constitute a formal report to the University and will not begin the process of DePaul providing a response.

Students seeking to report an incident of sexual or relationship violence to DePaul should contact Public Safety (Lincoln Park: 773-325-7777; Loop: 312-362-8400) or the Dean of Students and Title IX Coordinator (Lincoln Park: 773-325-7290; Loop: 312-362-8066 or [titleixcoordinator@depaul.edu](mailto:titleixcoordinator@depaul.edu)).

Students seeking to speak confidentially about issues related to sexual and relationship violence should contact a Survivor Support Advocate in the Office of Health Promotion & Wellness for information and resources (773-325-7129 or [hpw@depaul.edu](mailto:hpw@depaul.edu)). More information is available at the [Office of Health Promotion and Wellness website](#). Students

are encouraged to take advantage of these services and to seek help around sexual and relationship violence for themselves as well as their peers who may be in need of support.

## **ENROLLMENT/WITHDRAWAL AND OTHER ACADEMIC POLICIES**

All students are required to manage their class schedules each term in accordance with the deadlines for enrolling and withdrawing as indicated in the University Academic Calendar. Information on registration policies can be found at [DePaul Central](#).

## **WITHDRAWAL**

Students who withdraw from the course do so by using the Campus Connection system ([campusconnect.depaul.edu](http://campusconnect.depaul.edu)). Withdrawals processed via this system are effective the day on which they are made. Simply ceasing to attend, or notifying the instructor, or nonpayment of tuition, does not constitute an official withdrawal from class and will result in academic as well as financial penalty.

## **ADMINISTRATIVE WITHDRAWAL**

Administrative Withdrawal Appeals are submitted to and processed by the Dean of Students Office, and allow students to be retroactively withdrawn from classes for medical, mental health or personal crises even after the term has ended. More information is available on the [Division of Student Affairs](#) website.

## **EXCUSED ABSENCE**

In order to petition for an excused absence, students who miss class due to illness or significant personal circumstances should complete the [Absence Notification form](#) through the [Dean of Students office](#). Students must submit supporting documentation alongside the form. The professor reserves the sole right whether to offer an excused absence and/or academic accommodations for an excused absence.

## **SYLLABUS CHANGES AND ERRORS**

The instructor may make changes and updates to the course syllabus and schedule as needed. Students will be notified of any changes. If you find any broken links, outdated information, or other content that just seems “off” somehow, please let me know so I can fix it. I really do appreciate students helping me find and fix mistakes or confusing wording in my materials.



## **Resources for Students in Need of Support**

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Safety and Mental health safety are important. If you find yourself in a state of distress, depression, or unsafe circumstances, please make use of any of the following resources should you seek counseling.

## **DEPAUL STUDENT COUNSELING**

Full time and Part time DePaul students may schedule appointments with the University Counseling Service Info here:

<https://offices.depaul.edu/student-affairs/support-services/counseling/Pages/default.aspx>

The front desk staff is working remotely and will answer your call directly. If they are taking another call, please leave a message and your call will be returned within a business day. **If you would like to be contacted by a counselor please call (773) 325-7779 or (312) 362-6923.**

## **ADDITIONAL RESOURCES EXTERNAL TO DEPAUL**

### **National Suicide Prevention Lifeline**

**Phone:** 1-800-273-8255

**Online chat feature:** <https://suicidepreventionlifeline.org/chat/>

### **National Domestic Violence Hotline**

Available 24/7. Offers help in more than 200 languages. All calls are free and confidential.

**Phone:** 1-800-799-7233

**Chat online** with someone: <https://www.thehotline.org/>

### **The Trevor Project**

For young LGBTQ persons in crisis or in need of someone to talk to:

**Phone:** 1-866-488-7386

**Text** START to 678678

**Chat online** by visiting: <https://www.thetrevorproject.org/get-help-now/>

### **Trans Lifeline**

A peer support hotline runned by trans people for trans people.

**Phone:** 877-565-8860