

ANI 230-503
Winter Quarter 2023
Tu-Th 11:50 am - 1:20 pm, DePaul Center Loop C106B (Lower Level)

Instructor: Jacqueline Brennan

Office Hours:

Tuesdays and Thursdays 9:15-10am and 1:30 - 3pm CDM 615

Also available by appointment via zoom

E-Mail: jbbrennan@cdm.depaul.edu

Important Dates:

Jan 8th (11:59pm) – Last day to add or swap classes

Jan 15 – Last day to drop classes with no penalty

Jan 16 - MLK

Jan 17 – Last day to select pass/fail option

Feb. 19 – Last day to withdraw from Winter Quarter Classes

March 12 – End WQ 2022 Day and Evening Classes

March 13 – Day and Evening Final Exams Begin

March 19 – Day and Evening Final Exams End

Course Description:

Students will use computer modeling to explore the principles of 3-dimensional design. Projects involving object, character and architectural modeling will emphasize the aesthetic concepts of spatial proportion (scale, angle and position), silhouette, negative space, rhythm, balance, light/shadow and texture. Students will emerge with the ability to create well designed 3D models, and be familiar with the basics of polygonal modeling, texturing, lighting and rendering for animation, computer games and cinema.

Learning Outcomes:

After completing this course, students will have:

1. Gained basic concepts and understanding of tools related to 3D production.
2. Become comfortable with the basics of modeling, lighting, texturing and rendering.
3. Understand the fundamentals of strong 3D design.

COURSE MANAGEMENT SYSTEM:

D2L is where all course information can be found and assignments will be turned in: <https://d2l.depaul.edu/>

Course Policies:

Changes to Syllabus:

This syllabus is subject to change as necessary during the quarter. If a change occurs, it will be thoroughly addressed during class, posted under Announcements in D2L and sent via email.

Software: Students can download **Maya** for free from the Autodesk website.
<https://www.autodesk.com/education/edu-software/overview?sorting=featured&filters=individual>

Assignments:

All assignments and grades will be managed on D2L. Unless I tell you otherwise, assigned work must be completed and submitted on D2L BEFORE class starts. Don't wait until the last minute to attempt to submit your assignment. Turning in something unfinished is always better than nothing at all.

ONE-TIME LATE PASS: You may be late with 1 (ONE) assignment. Late assignments will be due on/around week 8 (exact date will be given as we approach the final weeks.) Late assignments will be graded without penalty but will not necessarily receive critique. Late assignments will generally not be critiqued in class.

AFTER YOU HAVE USED THE LATE PASS: 10 points will be deducted per day for each late assignment unless you have already worked out an arrangement with me IN ADVANCE.

Please do not use class time to finish an assignment.

Class time is for working with the material at hand, not finishing late assignments.

Assignments must be in the following format:

LastnameFirstname_projectnameNumber.extension

example: BrennanJ_AwesomeProject01.mb

* **Special Accommodations:** If you have any special considerations please see the instructor.

* **BACK UP YOUR WORK:** Files get corrupted, flash drives can be lost, computers crash so be sure to keep backups of your project files. Failure of computer software and or hardware will not be accepted as an extenuating circumstance for late projects or incomplete grades so back up your work daily.

Assignments	Points	Percentage	Due Date
Simple Fan	50	5	Tu 1/11
Abstracted Animals	100	10	Th 1/20
Low Poly Shoe	100	10	Th 1/27
Low Poly Object	100	10	Th 2/3
Eerie Architecture: Research and Concept Art	100	10	Th 2/10
Eerie Architecture:Rough Model	50	5	Th 2/17
Eerie Architecture:Final	150	15	Th 2/24
Chimera Research, Concept and Sketches	100	10	Tu 3/1
Chimera Rough Draft	50	5	Tu 3/8
Final Presentation	200	20	Tues 3/15 11:30 am
Total	1000	100	

Grading:

A = Excellent
B = Very Good
C = Good
D = Acceptable
F = Unacceptable

A = 100-93
A- = 92-90
B+ = 89-88
B = 87-83
B- = 82-80
C+ = 79-78
C = 77-73
C- = 72-70
D+ = 69-68
D = 67-63
D- = 62-60
F = 59-0

Class Materials:

We will be using **Maya by Autodesk** in this class. This software is available in labs throughout the CDM building and in the labs of the Student Center on the Lincoln Park Campus. It is also possible to install the latest version of Maya at home if you have a system that meets the software requirements. Maya software is available free of charge for students via the Autodesk Website:

<https://www.autodesk.com/education/edu-software/overview?sorting=featured&filters=individual>

Make sure you **download the student version** and NOT THE 30 DAY Free Trial.

A flash drive or some kind of removable storage can be helpful for working in different labs.

Reference Websites:

Tutorials through LinkedIn Learning

<https://offices.depaul.edu/information-services/services/technology-training/Pages/online-training.aspx>

Maya tutorials: <https://www.highend3d.com/>

Absences:

Obviously, the pandemic has not left us yet so if you are not feeling well, you should stay home. Other than that, you are expected to attend class and participate. **IF YOU ARE UNABLE TO ATTEND CLASS, YOU MUST CONTACT ME ON OR BEFORE THE DAY OF THE ABSENCE AND I WILL MARK THE ABSENCE AS EXCUSED.** If you are going to have an extended absence due to illness or emergency you should contact the university:

<https://offices.depaul.edu/student-affairs/support-services/academic/Pages/absence-notification.aspx>

Classroom Expectations:

Many of us have been out of circulation a bit during the pandemic. As we come together again on campus, let's just remember to show each other some basic considerations.

Texts and phone calls should only be made in case of emergency and taken outside of the classroom so as to reduce distractions for those around you.

Similarly, I ask that during class time lab computers, laptops, tablets, phones etc. be used for in class work. Visiting other websites and doing other coursework not only keeps you from participating in the class but also distracts others around you.

Schedule:

Changes to the Schedule – Depending on time factors, the assignments projected for the term may require slight alteration or rescheduling.

Week	Tuesday	Thursday
1	1/3 Topic: Introductions, syllabus and getting started in Maya	1/5 Intro to 3D Space, Coordinate System, Simple Transforms, focus on proportion and observation.
2	1/10 3D Design; Modeling w/ Primitives; Groups & Layers.	1/12 Begin work on animals. Assignment Due: Fan

3	1/17 Cameras & Rendering Silhouette	1/19 Polygonal Modeling: Edge Loops, extrusions, normals. Assignment Due: Silhouette Animals
4	1/24 Polygonal Modeling: Multicut Tool; Cleanup	1/26 COLOR! Introduction to Materials and the hypershade. Assignment Due: Low Poly Shoe
5	1/31 Rounding Corners	2/2 Intro to Eerie Architecture Project Modeling and Texturing Assignment Due: Low Poly Object of Choice
6	2/7 UV textures and projection mapping	2/9 Environment Modeling,fun in the Content Browser! Assignment Due: Eerie Architecture Research
7	2/14 Lighting	2/16 Composition and rendering. Assignment Due: Eerie Rough Draft
8	2/21 Intro to the Chimera	2/23 Setting up the proxy Assignment Due: Eerie Final
9	2/28 Setting up the chimera using instancing. Assignment Due: Chimera Research	3/2 UVs and Textures,UV Mapping exercises.
10	3/7 Final Texture tips Assignment Due: Rough Draft Chimera	3/9 Workshop for Individual Feedback
Final		Tuesday 3/14 Final Chimera Presentations 11:30am-1:45pm Attendance Mandatory!!

If You Test Positive for COVID-19:

All faculty, staff and students must inform the university if they have tested positive for COVID-19, received a COVID-19 diagnosis, they learn of a positive COVID-19 case at DePaul, or they believe they were exposed to COVID-19. Learn more and find how to report a case about yourself or someone else on DePaul's [COVID-19 Reporting Protocol webpage](#).

If DePaul confirms that a student in your class has tested positive, the university's contact tracing process will begin. DePaul staff or a local public health agency may notify you if it is determined that you came into contact with someone affiliated with DePaul who is confirmed to have COVID-19, even if the risk of exposure to you is considered minimal. Each situation is assessed on a case-by-case basis. Faculty should not make these notifications.

Course Policies

Changes to Syllabus

This syllabus is subject to change as necessary during the quarter. If a change occurs, it will be thoroughly addressed during class, posted under Announcements in D2L and sent via email.

Respect for Diversity and Inclusion at DePaul University as aligned with our Vincentian Values

At DePaul, our mission calls us to explore "what must be done" in order to respect the inherent dignity and identity of each human person. We value diversity because it is part of our history, our traditions and our future. We see diversity as an asset and a strength that adds to the richness of classroom learning. In my course, I strive to include diverse authors, perspectives and teaching pedagogies. I also encourage open dialogue and spaces for students to express their unique identities and perspectives. I am open to having difficult conversations and I will strive to create an inclusive classroom that values all perspectives. If at any time, the classroom experience does not live up to this expectation, please feel free to contact me via email or during office hours.

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. Please see <https://resources.depaul.edu/teaching-commons/teaching/Pages/online-teaching-evaluations.aspx> for additional information.

Academic Integrity and Plagiarism

This course will be subject to the university's academic integrity policy. All students are expected to abide by the University's Academic Integrity Policy which prohibits cheating and other misconduct in student coursework. Publicly sharing or posting online any prior or current materials from this course (including exam questions or answers), is considered to be providing unauthorized assistance prohibited by the policy. Both students who share/post and students who access or use such materials are considered to be cheating under the Policy and will be subject to sanctions for violations of Academic Integrity.

More information can be found at

<https://resources.depaul.edu/teaching-commons/teaching/academic-integrity/Pages/default.aspx>.

Posting work on online sites, such as Hero

All students are expected to abide by the University's Academic Integrity Policy which prohibits cheating and other misconduct in student coursework. Publicly sharing or posting online any prior or current materials from this course (including exam questions or answers), is considered to be providing unauthorized assistance prohibited by the policy. Both students who share/post and students who access or use such materials are considered to be cheating under the Policy and will be subject to sanctions for violations of Academic Integrity.

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 enrollment, withdrawal, grading and incompletes can be found at: <http://www.cdm.depaul.edu/Current%20Students/Pages/PoliciesandProcedures.aspx>

Incomplete Grades

An incomplete grade is a special, temporary grade that may be assigned by an instructor when unforeseeable circumstances prevent a student from completing course requirements by the end of the term and when otherwise the student had a record of satisfactory progress in the course. All incomplete requests must be approved by the instructor of the course and a CDM Associate Dean. Only exceptions cases will receive such approval. Information about the Incomplete Grades policy can be found at <http://www.cdm.depaul.edu/Current%20Students/Pages/Grading-Policies.aspx>

Preferred 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 <http://policies.depaul.edu/policy/policy.aspx?pid=332>

Students with Disabilities

Students seeking disability-related accommodations are required to register with DePaul's Center for Students with Disabilities (CSD) enabling them to access accommodations and support services to assist with their success. There are two office locations:

- Loop Campus (312) 362-8002
- Lincoln Park Campus (773) 325-1677
- Email: csd@depaul.edu

Students who register with the Center for Students with Disabilities are also invited to contact Dr. Gregory Moorhead, Director of the Center, privately to discuss how he may assist in facilitating the accommodations to be used in a course. This is best done early in the term. The conversation will remain confidential to the extent possible.

Please see <https://offices.depaul.edu/student-affairs/about/departments/Pages/csd.aspx> for Services and Contact Information.