This introductory course in three-dimensional (3D) animation covers techniques for programming in C++ and creating content designed for use in real-time computer graphics applications using appropriate software with particular emphasis on computer games and character animation. Topics include rigid versus non-rigid body animation, skeletal techniques, morphing, kinematics, animation blending, key framing, time coding, motion capture, lip sync, synchronization methods, file formats and a survey of current software tools and techniques. Prerequisite: COSC 2336 Pre- or Co-Requisite: COSC 3306 It is also recommended that students complete CPSC 4380 prior to taking this course.
If you are registered with the DRC and have a current letter requesting reasonable accommodations, we encourage you to contact your instructor early in the semester to review how the accommodations will be applied in the course. Additional information is available at the DRC website (http://www.lamar.edu/disability-resource-center/).

Academic Support

Academic Support can be located at http://students.lamar.edu/academic-support/index.html. There are many areas (i.e., Advising, Writing Center, etc.) of academic support. Each area provides their own specific contact information and days and hours of operation.

Student Services

Information on Student Services can be located at http://students.lamar.edu/index.html. There are many resources (i.e., Course schedules, important phone numbers, etc.) available. Each area provides their own specific contact information and days and hours of operation.

Academic Continuity Policy

In the event of an announced campus closure in excess of four days due to hurricane or other disaster, students are expected to check Lamar University’s website and login to LU Connect for instructions about continuing courses remotely.

Emergency Procedures

Many types of emergencies can occur on campus; instructions for severe weather or violence/active shooter, fire, or chemical release can be found at the Office of Environmental Health/Safety and Risk Management (https://www.lamar.edu/about-lu/administration/risk-management/index.html) webpage.

Severe Weather

Follow the directions of the instructor or emergency personnel.

Seek shelter in an interior room or hallway on the lowest floor, putting as many walls as possible between you and the outside.

If you are in a multi-story building and you cannot get to the ground floor, pick a hallway in the center of the building.

Stay in the center of the room, away from exterior walls, windows, and doors.

Violence/Active Shooter

CALL - 7777 from a campus phone (Text 409-241-8002 from a cell phone). Note: Calling 911 from either a campus or cell phone will contact the City of Beaumont dispatch rather than the LU police.

AVOID - If possible, self-evacuate to a safe area outside the building. Follow directions of police officers.

DENY - Barricade the door with desks, chairs, bookcases or any other items. Move to a place inside the room where you are not visible. Turn off the lights and remain quiet. Remain there until told by police it is safe.

DEFEND - Use chairs, desks, cell phones or whatever is immediately available to distract and/or defend yourself and others from attack.

Copyright Policy Statement

Copyright is defined as the ownership and control of the intellectual property in original works of authorship which are subject to copyright law. As an institution of higher learning that values intellectual integrity, Lamar University prohibits the distribution of published materials (print or electronic) in violation of copyright law.

LU Connect Portal

Students are asked to obtain a Lamar Electronic Account username and password so they can log onto the LU CONNECT website.
Students may get information on how to get into the LU CONNECT website from the University's homepage (http://www.lamar.edu) by clicking on the LU CONNECT link on the left top corner of the screen. Follow the steps to secure your LU CONNECT username and password.

**LU Learn/Blackboard Learning Management System (LMS)**

Students will utilize the Lamar University’s Learning Management System (LMS), Blackboard, for online courses.

For Blackboard technical support go to [https://blackboardsupport.lamar.edu](https://blackboardsupport.lamar.edu).

Phone: 866-585-1738

Phone and chat are available 24/7/365

**Network Use**

**ACCEPTABLE USE**

Students must respect the integrity and security of Lamar University computer systems and network, and the privacy and preferences of other users. Responsibility for learning about and complying with Lamar University Acceptable Use Policy ultimately rests with the individual. The network may be used to download, copy, or store any software, shareware, digital media files or freeware, as long as the use complies with copyright law licensing agreements, and campus policies, such as storage space limitations and network bandwidth restrictions. The network may not be used for any activity, or to transmit any material, that violates United States or local laws.

**UNACCEPTABLE USE**

The network may not be used for commercial purposes. Advertising and sponsorships on Lamar University websites is restricted. In addition, students may not permit other persons to use their usernames, passwords, accounts or disk space, or disclose their usernames, passwords or account information to any third party. Students may not log on to someone else’s account, internet address, or other network codes, or attempt to access another user’s files. Students may not create false or dummy accounts to impersonate someone else. Students may not try to gain unauthorized access ("hacking") to the files or computer systems of any other person or organization. Students may not impersonate another person by forging e-mail, web pages or other electronic media. Students who maliciously access, alter, delete, damage or destroy any computer system, computer network, computer program, or data will be subject to disciplinary action by Lamar University, and criminal prosecution as well. Students may not disrupt or attempt to disrupt network traffic, and they may not attempt to monitor or capture network traffic in any way. Finally, students may not intentionally create, store, display, print or transmit information that violates the university's Sexual Harassment Policy.

**Netiquette (Online Etiquette) Statement**

Please adhere to the same standards of behavior and professional respect online that you would follow in face-to-face communication with others, but most particularly when writing email and when taking part in collaborative and discussion board activities. Lamar provides access to network resources, including the Internet, in order to support learning and to prepare students for the 21st century world. Students, however, are expected to adhere to the Lamar University Acceptable Use Policies when Using Networks. More comprehensive student code of conduct can be found at [https://students.lamar.edu/academic-support/code-of-conduct.html](https://students.lamar.edu/academic-support/code-of-conduct.html).

**GENERAL GUIDELINES TO RESPECT ALL PARTICIPANTS**

- Respect the right of each person to disagree with others.
- Treat people the same as you would face-to-face.
- Respect the time of others.

**GUIDELINES WHEN COMMUNICATING WITH OTHERS (EMAIL, DISCUSSIONS, BLOGGING, AND ETC.)**

- Always sign your name to any contribution you choose to make.
- Be constructive in your responses to others in the class.
- Do not use all caps (Doing so may be interpreted as shouting).
- Re-read your postings before sending them.
- Always think before you write.
- Respond respectfully.
- Use appropriate grammar and structure.
• Spell-check your postings.
• Use short paragraphs focused on one idea.
• Use appropriate business language at all times.

Technical Support

Technical Support can be located at http://students.lamar.edu/it-services-and-support/index.html.

Phone: 409-880-2222
Email: servicedesk@lamar.edu

Hours of Operation (CST):
Monday - Thursday 7:30 a.m.-12:00 a.m.
Friday 7:30 a.m. - 7:30 p.m.
Saturday 9:00 a.m. - 6:00 p.m.
Sunday 3:00 p.m. - 12:00 a.m.

Additional Items