

## Three-Dimensional Imaging

Seth Olson

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### Course Content

Three-Dimensional Imaging is a course that will introduce the concept and application of digital 3D design and animation.

We will use primarily Cinema 4D to produce a series of projects. Additional software includes Adobe CC Illustrator, Photoshop, and After Effects. The class looks at project work flow, organization and stresses the correct production of projects. The production of digital images and video will strengthen the understanding of motion design and it's application. Your semester will also contain tutorials, done both in and out of class.

### Course Outcomes

- Strengthen application skill sets to include software concept understanding, correct tool usage correct 3D scene creation
- Be able to model, texture, animate, light and render digital assets
- Broader understanding of 3D vocabulary and terms.
- Build an understanding of professional expectations, presentations and processes through assignment work flow
- Apply research for stronger conceptualization and execution of deliverables.
- Incorporate visual vocabulary into critiques and project conversations
- Create and polish at least two portfolio quality deliverables

We will focus repeatedly on craft and the production of assets in a timely manner. In addition, we learn about involving the following into the creative process—

- |   |  |
|---|--|
| attention to detail                     | contrast to add interest                     |
| identifying and mitigating 3D artifacts | efficiency of time and energy                |
| understand form and lighting            | style frames and design boards               |
| apply 12 animation principles           | not to fall in love with your first attempts |
| craftsmanship and draftsmanship         | typography in digital 3D and motion          |
| understanding of technical limitations  | to redo the job until it's right             |

### Class Parameters

Class meetings, discussion and instruction will take place face to face, with the exception of two weeks. The class will manage projects via D2L within MyLeo. Chrome works best.

You will need to incorporate checking your email with the frequency equal to your social media interaction, adding notifications for email receipts from the instructor is suggested.

### Project Parameters

Assignment information, references/examples will be shared in class and online.

You are expected to work in class as well as perform outside of class work.

You are expected to join class prepared to work on the current assignment. Not being able to make progress during class due to lack of materials will reflect in your mini-deadline grade.

All projects have weekly steps to be accomplished by the beginning of the next class meeting.

Mini-deadlines are part of the overall assignment and play a role in your projects final grade.

All work is due on the assigned date, uploaded no later than 30 minutes before the start of class. For a project to considered complete, the specified electronic portion should be uploaded, as directed, into the appropriate folder as detailed in the assignment. Plan for a disaster and allow yourself as much time as possible to complete your assignment. Late work is accepted only at instructors discretion.

During class you may not work on other course projects.

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## Critique

The goal is to provide work that can receive a response. Files that cannot be opened, pencils that cannot be seen, and projects that do not work with the class's current version of software will be counted the same way as not presenting. Critique format will be determined by project need.

## Instructor contact and response time

Contact: Seth.Olson@tamuc.edu

Virtual Office hours: please make an appointment

Communication from students will be responded to within a reasonable time during the work week.

Weekend communication will be handled the next business day, unless noted. Due to the high volume of email that is received, an important message may be missed. If an important email has not been responded to within 2 days, please send again.

Please use your university email as your primary source of contact. If your email is more than a short paragraph, please consider making a Zoom appointment.

If you have an emergency, please feel free to email me: Seth.Olson@tamuc.edu

## Attendance

FIRST ABSENCE: The student will receive an email and a copy goes to Lee

SECOND ABSENCE: The student will receive an email and a copy goes to Lee who will contact the student.

THIRD ABSENCE: Lee emails the student that they have failed the course.

Two tardies of 10 minutes equals one absence.

A tardy of 60 minutes equals one absence.

Leaving the Zoom call before class is dismissed is an absence.

Not having your camera on during class can result in a tardy or absence at the instructors discretion.

If a student is OVER 10 MINUTES late for the final, a full grade will be deducted from his or her final grade.

If a student does not show up for the final they automatically fail the class.

## Syllabus Update Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

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## Grading Guidelines

Grades will be assigned according to the following scale:

### A — 90-100

Work well above the general class level, evidence of participation in related activities

Outside of the classroom, thoughtful participation in classroom discussion and critique

Superlative work: careful attention to craft and presentation. Originality of idea and execution work together. Goes beyond merely solving the problem — one who performs at this level is visibly outstanding, work is outstanding in every respect.

### B — 80-89

Work above the general class level, participation in classroom discussion and critique

Fine work. A few minor changes could have been considered and executed to bring piece together. Goes beyond merely solving the problem. Above average: solution to the problem and idea well planned. Execution is well done.

### C — 70-79

Average work, minimal requirements met

Average or a bit above: slipping in levels of originality, craft and presentation. The piece does not work well as a unified whole or statement yet effort was made. You have solved the problem but in a relatively routine way.

### D — 60-69

Work below class average, lack of participation and/or poor attendance

You have solved the problem but there is much room for improving your skills and developing your concepts further.

You have neglected the basic craftsmanship skills and breadth and depth of idea development. You were unable to meet mini deadlines. Represents careless and/or incomplete effort. Work is substandard.

### F — 0-59

Inferior or unacceptable work and effort, work not turned in, or failure to attend class.

In addition to exercises and projects, your final grade will also be based on critique participation and application, work ethic, and attitude. These specifications are applied with the following percentages:

80% projects

20% weekly progress and class/critique participation

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### Remote Technology when meeting via Zoom

Please use headphones during class.

You are required to have a camera and a microphone. You must have your camera on at all times and your mic on according to the situation. Not having your camera on can result in an absence or tardy at the instructors discretion.

The University is providing you with the Creative Cloud.

A reliable internet connection is suggested for successful classroom participation.

#### D2L/Brightspace

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

[https://documentation.brightspace.com/EN/brightspace/requirements/all/browser\\_support.htm](https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm)

YouSeeU Virtual Classroom Requirements:

<https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements>

#### Access and Navigation

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@tamuc.edu.

**Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.**

#### Communication and Support

If you have any questions or are having difficulties with the course material, please contact your Instructor.

#### Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

### University Specific Procedures

#### Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the Student Guidebook.

<http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: <https://www.britannica.com/topic/netiquette>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

### Academic Integrity

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

#### Undergraduate Academic Dishonesty 13.99.99.R0.03

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

**Three-Dimensional  
Imaging****Seth Olson****Seth.Olson@tamuc.edu****Students with Disabilities-- ADA**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Gee Library- Room 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: [studentdisabilityservices@tamuc.edu](mailto:studentdisabilityservices@tamuc.edu)

Website: Office of Student Disability Resources and Services

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

**Nondiscrimination Notice**

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

**Campus Concealed Carry**

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the Carrying Concealed Handguns On Campus document and/or consult your event organizer.

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

**A&M-Commerce Supports Students' Mental Health**

The Counseling Center at A&M-Commerce, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit [www.tamuc.edu/counsel](http://www.tamuc.edu/counsel)