

Course Syllabus

NOTE: This syllabus is subject to change during the semester. Please check this syllabus on a regular basis for any updates.

Department : Computer Sciences

Course Title : 3D Animation I

Section Name : ARTV 1441

Start Date : 08/27/2012

End Date : 12/10/2012

Modality : FACE-TO-FACE

Credits : 4

Instructor Information

Name : Josette Zeigler

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Mobile # 432-352-3399

Course Description

Intermediate level 3-D course introducing animation tools and techniques used to create movement. Emphasis on using the principles of animation. Lab fee required.

Prerequisites/Co-requisites

Prerequisite: ARTV 1403

[Scans](#)

SCANS 1, 2, 6, 8, 9, 11

Course Objectives

Utilize animation software and production skills; develop a sense of weight and motion in animated shots; and develop animation for multi-media productions, games or simulations.

Required Readings/Materials

a) You must purchase the following *required* readings/materials:



- Author: [Eric Keller](#), [Todd Palamar](#), [Anthony Honn](#)
- Title: Mastering Autodesk Maya 2011
- ISBN: 978-0-470-63935-1
- **Required**

b) You are encouraged to buy the following *optional* books/materials

You will need a jump drive of 2GB or bigger.

Course Requirements (Lectures, Assignments and Assessments)

You will read all chapters and do all assessments and projects.

| Chapter | Assignment | Date Due |
|--|---|----------|
| Chapter 1: Working in Maya | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |
| Chapter 2: Virtual Film Making with Maya Cameras | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |
| Chapter 3: Modeling I | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |
| Chapter 4: Modeling II | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |
| Chapter 5: Animation | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |
| Chapter 6: Animating with Deformers | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |
| Chapter 7: Rigging and Muscle Systems | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |
| Chapter 8: Paint Effects | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |
| Chapter 9: Lighting with mental ray | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |

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|---|---|-----|
| Chapter 10: mental ray Shading Techniques | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |
| Chapter 11: Texture Mapping | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |
| Chapter 12: Rendering for Compositing | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |
| Chapter 13: Introducing nParticles | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |
| Chapter 14: Dynamic Effects | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |
| Chapter 15: Fur, Hair, Clothing | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |
| Chapter 16: Maya Fluids | Read and do all steps for assignment, write Synopsis and turn in Project and Synopsis on BB | TBA |
| Final Exam | | TBA |

Grading Policy

COURSE REQUIREMENTS: ALL STUDENTS ARE EXPECTED TO:

1. Take all exams and complete all homework.
2. Complete all lab lessons and Projects.

WEIGHT OF COURSE REQUIREMENTS:

| | |
|------------------|-----|
| Chapter Synopsis | 25% |
| Attendance | 5% |
| Final Exam | 10% |
| Projects | 60% |

METHOD OF EVALUATION: The general weighting of exams, assignments, and final exam for the Final grade in this particular course are:

A: 90 - 100
B: 80 - 89
C: 70 - 79
D: 60 - 69
F: 0 - 59

NOTE: ALL ASSIGNMENTS FOR THE ENTIRE SEMESTER ARE POSTED ON THE CLASS GRADEBOOK WEBSITE. ALL QUIZZES AND LAB TEST DATES WILL BE POSTED.

ATTENDANCE POLICY: Attendance will be recorded and you will be graded once a week according to the number of days the class meets per week. For example, T-Th classes meet twice per week. If you attend both classes for the week, you will receive a 100 for the week. If you miss 1 day with an UNEXCUSED absence, then you will receive a 50 for the week. MWF classes meet 3 times per week. If you miss 1 day, your grade is a 66; if

you miss 2 days, your grade will be a 33, If you miss all classes with UNEXCUSED absences, you will receive a 0 for the week. If you are enrolled in a web class, your attendance grade comes from the discussion board.

COURSE REQUIREMENT DEADLINES: Credit will be given for ONLY those exams completed on exam days, and homework, and projects completed and turned in by the announced deadlines, unless **prior arrangements** have been made with and approved by the instructor. Zeros (0) will be recorded for any work for which arrangements have **not** been approved!!

ACADEMIC ETHICS: You are expected to create, edit format and print out your own assignments, take tests without notes or other outside assistance. **ALL WORK IS EXPECTED TO BE YOUR OWN.**

Special Needs

Odessa College complies with Section 504 of the Vocational Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. If you have any special needs or issues pertaining to your access to and participation in this or any other class at Odessa College, please feel free to contact me to discuss our concerns. You may also call the Office of Disability services at 432-335-6861 to request assistance and accommodations.

Learning Resource Center (Library)

The Library, known as the [Learning Resources Center](#), provides research assistance via the [LRC's catalog \(print books, videos, e-books\)](#) and [databases \(journal and magazine articles\)](#). [Research guides](#) covering specific subject areas, [tutorials](#), and the "[Ask a Librarian](#) " service provide additional help.

Student E-mail

Please access your [Odessa College Student E-mail](#), by following the link to either set up or update your account: <http://www.odessa.edu/gmail/>. **All correspondence will be submitted using your Odessa College email.**

Student Portal

Please access your [Odessa College Student E-mail](#), by following the link to either set up or update your account: <http://www.odessa.edu/gmail/>. **All correspondence will be submitted using your Odessa College email.**

Technical Support

For Blackboard username and password help and for help accessing your online course availability and student email account contact the Student Success Center at 432-335-6878 or online at https://www.odessa.edu/dept/ssc/helpdesk_form.htm.

Important School Policies

For information regarding student support services, academic dishonesty, disciplinary actions, special accommodations, or students' and instructors' right to academic freedom can be found in the [Odessa College Student Handbook](#).