

## ADV Digital 3D Projects

Spring 2007

ARTS 4020-01

Tuesday, Thursday 6:00pm- 7:50pm

Sage Lab, VAST Studio 2411

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Office Hours: Thursday 12pm – 2pm, and by appointment

*Computer Science is no more about computers than astronomy is about telescopes.*

– E. W. Dijkstra

### **Abstract:**

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This course will explore conceptual ideas with a developed toolkit of skills. Skills possibly covered will be Processing, MEL, advanced rendering and lighting, motion capture, high quality large format printing, and physical prototyping. Using these techniques ideas about system, process, fragmentation, space, topology, time, and more will be researched. Emphasis will be placed on conceptual, finished, high quality artwork.

### **Supplies:**

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Required:

- Notebook
- Data storage – And lots of it. Whichever means of saving your files is most trustworthy and effective for you.

Suggested:

- Learning Maya 7 : The Special Effects Handbook. – While this book is not required, it contains great examples of advanced texturing, lighting, and rendering techniques.

### **Important Points:**

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Excuses:

Excuses and disclaimers pertaining to anything are only acceptable in the following four scenarios: death of family member, a note from doctor or documentation of hospitalization, viable religious observance, and presentation or exhibition of academic work or research at a conference, symposium, gallery, museum, etc. One sick day can be granted without documentation. Illness spanning two or more consecutive class days is not excusable without documentation. All excuses must be declared before class time.

Responsibility:

It will be the student's responsibility to keep track of all aspects pertaining to the class.

**Studio Format/ Work Load:**

This course does not require everyday attention, although it is a studio course and will require six to ten hours of work outside of class each week on average.

**E-mail:**

E-mail is the most effective communication with me outside of class. I will also use it to communicate with you, so check your school account.

**Cell Phone:**

No audible cell phones; if you decide to take the call, exit the classroom to talk.

**Computing:**

Examples: Instant Messenger and/or other open non-class related applications. Turn them off if you expect to receive help.

**Studio Critique:**

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**Monitors/ Laptops/ etc:**

- All audio/visual devices other than the equipment being used to present work will be turned off.
- Refusal to turn off monitors, close laptops, etc will result in receiving an absence for that day.

**Participation:**

- Students will be required to speak and present their work.
- Students will also be required to speak about their colleagues' work.
- A simple like, dislike, or opinion must be followed with substantiating reasons.
- Please give positive feedback. Our class has a mix of disciplines, and everyone is not accustomed to the critique forum.
- Allow everyone a chance to speak.
- Use common sense and play nice: don't interrupt; do wait for your turn, etc.
- Part of each assignment grade will be based on your participation during critique.

**Grading:**

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**Assignments:**

- Due at the beginning of class.
- Ten percent of an assignment's total points will be deducted per day late. Days are calculated by the time an assignment is due. After ten days, an assignment will be graded with a zero.
- No extra credit.
- No resubmission.

**Attendance:**

- Attendance is mandatory and taken at the beginning of class. Tardiness will be calculated when either of the following happens first: the end of opening announcements or ten minutes.

- Only disputes brought to the instructor’s attention within one week of the infraction will be considered and discussed.
- Attendance and tardy final grade modifications as follows:  
Each three tardies equal one absence.  
Each three absences equal reduction of total points by one letter grade.  
Work in Class days are not “free” days.
- Attendance to Final Critique during exam week is mandatory. Failure to appear will result in the reduction of final grade by one letter.

Additional:

- Grades will be based on an appropriate level for continuation into an industry related profession.
- Any appeal for grades must be brought to the instructor during office hours or at a scheduled time convenient to both parties. An appeal has the potential to raise or lower your grade.
- Incompletes will only be granted for the death of family member during the semester or documentation of hospitalization representing a significant period of time.
- There is no rounding of the thousands place.

Grade	Expectations	Percentage	
A	Consistent exceptional work, presentation, critique, and effort, turned in on time.	100	- 90
B	Good work, presentation, critique, and effort presented on time.	89.99	- 80
C	Most work presented on time, some participation and effort.	79.99	- 70
D	Some work presented on time, little participation and effort.	69.99	- 60
F	Failure	59.99	- 0

**Academic Integrity:**

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Trust:

Student-Teacher relationships are built on trust. Students must trust that teachers have made appropriate decisions about the structure and content of the courses they teach. And, teachers must trust that the assignments which students turn in are theirs. Acts which violate this trust undermine the educational process.

Plagiarism:

All work produced in this course must be original and created by the student. First infraction will result in a failure for the course and a report to the Office of the Dean.

Collaboration:

Collaborative work and discussion is encouraged. Instructor must be notified of students’ intention to collaborate on assignments well ahead of that assignment’s deadline. Instructor will determine whether or not collaboration will be allowed. Upon assignment completion, there must be documentation of each member’s contribution to the finished assignment. The instructor reserves the right to award members of the collaboration different grades.

**Project Assignment Schedule:**

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Projects are due on the date that matches the end of their time block. For example, the first assignment “Processes and Systems” is due Jan 30<sup>th</sup> or Feb 1st not Feb 6th. Which day a student is expected to present work will be assigned at the beginning of the assignment. Readings are supplied for students’ use in relation to project assignments. Discussion about readings will not occur unless otherwise notified during the class time in which they are assigned.

Day	In Class	assignments
16-Jan	Introduction, Screen	Process Systems 20 pts
18-Jan	Photoshop, Processing	
23-Jan	Processing	
25-Jan	MEL	
30-Jan	Work in Class	
1-Feb	Work in Class	
6-Feb	Critique	
8-Feb	Critique	
13-Feb	Critique	
15-Feb	Screen, rendering	
20-Feb	Monday on Tuesday	
22-Feb	laser cutting, rendering	
27-Feb	Technique/ Idea Pitch	
1-Mar	Work in Class	
6-Mar	Spring Break	
8-Mar	Spring Break	
13-Mar	Critique	
15-Mar	Critique	
20-Mar	Critique	
22-Mar	Screen, Technique	Space Volume Topology 25 pts
27-Mar	Shawn in Ohio/ Guest Speaker	
29-Mar	Shawn in Ohio/ Guest Speaker	
3-Apr	TBA	
5-Apr	Work in Class	
10-Apr	Critique	
12-Apr	Critique	
17-Apr	Critique	
19-Apr	Screen, Technique	
24-Apr	Idea Pitching	
26-Apr	Shawn in Chicago?	Time 30 pts
1-May	Work in Class	
3-May	Work in Class	
10-May	Final Critique	

- Changes to syllabus may be made at instructor's best discretion with notification to the student •