

3320 Project #4: CGI 3D Text Tracking

CGI 3D Text Tracking – 10 points

Create a composited shot at least 10 secs in length of 3D text added to a moving backplate.

Using the supplied footage perform 3D motion tracking to add 3D CGI text to the plate.

Attention should be paid to make the lighting, color, shadows, and interactions look as realistic and believable as possible. All elements added to footage must be your own original work and properly demonstrate the principles of filmmaking.

- o Milestone 1: Rough Comp due by Mar 16th
- o Milestone 2: Final Delivery due by Mar 21st

Objectives for the project:

- Learn to solve the creative challenges in 3D tracking footage
- Learn the basics of compositing 3D CGI elements
- Demonstrate knowledge of the filmmaking process

Milestone 3: Present a rough composite

Milestone 4: Present completed project in class

Submit self-reflection critique on D2L

Submit deliverables following the naming convention

ANIM3320_S18_P4_ **lastname_assetID_v###.extension**

1. Rendered 1920x1080 23.976 fps .mp4 video file using the H.264 codec
assetid = 001
2. Final project folder with collected footage assetid =002

Rubric for CGI 3D Text Tracking

CATEGORY	2 (Expectation)	1 (Below Expectation)	0 (Disappointing)	Points
Productivity	Student has above average time management skills for this project. Class time was used wisely. Considerable progress was made week-to-week as seen during in-class critiques. It is clear the student worked at home and/or in school in the lab. All milestones were met.	Student has average time management skills for this project. Class time was used wisely some of the time. Only average progress was made week-to-week as seen during in-class critiques. Some milestones may have been missed.	Student has below average time management skills for this project. Not much progress was made week-to-week as seen during in-class critiques. Class time was not always used wisely, but student did do some additional work at home or the lab. Milestones were missed.	/ 2
Efficiency	Use of the tools and techniques needed for this project are efficient and well organized.	Use of the tools and techniques needed for this project are somewhat efficient and well organized.	Use of the tools and techniques needed for this project are not efficient or well organized.	/ 2
Precision	Use of the tools and techniques needed for this project are precisely executed. Created assets are high quality, properly demonstrate the principles of filmmaking, and achieve intended concept.	Use of the tools and techniques needed for this project are executed with some precision. Created assets are average quality, somewhat demonstrate the principles of filmmaking, and somewhat achieve intended concept.	Use of the tools and techniques needed for this project are not executed without precision. Created assets are low quality, do not demonstrate the principles of filmmaking, or do not achieve intended concept.	/ 2
Compositing Effectiveness	Composite is clean. Much time and effort went into making all the elements look like a consistent whole. Attention was paid to make the lighting, color, shadows, camera angle, depth of field, and interactions look as realistic and believable as possible.	Composite is mostly clean. More time and effort could have been spent making all the elements look like a consistent whole. Some attention was paid to make the lighting, color, shadows, camera angle, depth of field, and interactions look realistic and believable.	Composite is not clean. More time and effort could have been spent making all the elements look like a consistent whole. Attention was not paid to make the lighting, color, shadows, camera angle, depth of field, and interactions look realistic or believable.	/ 2
Project Scope	Student ensures that final submission is of the outmost quality. Work was handed in on time and in the correct format(s) required. Followed naming convention. All project criteria were met.	Work may have been handed in late and in some of the correct formats required. Somewhat followed naming convention. Some of the project criteria were met.	Work was handed in late and many of the formats that were required were incorrect. Did not follow naming convention. The project criteria were not met.	/ 2
<u>TOTAL POINTS</u>				/ 10