

Culmination Proposal Assignment

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ENT 4430 - Project Management
New York City College of Technology
Professor Brandt

PROJECT DESCRIPTION

During my time at City Tech I have learned about live sound, scenery and lighting. My goal when I graduate is to use what I have learned in City Tech and apply it to my current line of work as a performing artist. Although I have learned a lot from my lighting classes, I feel like I can learn more about the Grand MA for PC software and the Grand MA 3D visualization software.

For my culmination project I will do a lighting design for 8 tracks of original music. These designs will be recreated for visualization with the GrandMA 3D software.

METHODS

Using the Vorhee's theater drawing files (Vectorworks, AutoCad, etc.) a lighting plot will be drafted and an Instrument List, Cue List, and a Magic Sheet will be developed. After these files are completed, the light plot will then be transferred into the GrandMA 3D software where the cue list will be created and added to the visualizations. Cues will be created at specific times in the music where the lighting effect would enhance the musical performance. The result will be a video visualization of what the lighting design looks in real time with the song.

PROJECT DELIVERABLES

- * Light Plot (PDF and printed copies)
- * Instrument List (PDF and printed copies)
- * Magic Sheet (PDF and printed copies)
- * Cue List (PDF and printed copies)
- * 8 files from the GrandMA 3D visualization (mp4 and GrandMA 3D files)

SCHEDULE

2 weeks before:	Update all software, read manuals, research.
Week 1:	Create Light Plot, Instrument List, Shop Order - Vectorworks
Week 2:	Drafting performance space scenery (Part 1) - GrandMA 3D
Week 3:	Drafting performance space scenery and lighting (Part 2) - GrandMA 3D
Week 4:	Program cues into tracks (Track 1) - GrandMa 3D; GrandMa for PC
Week 5:	Program cues into tracks (Track 2) - GrandMA 3D; GrandMa for PC
Week 6:	Program cues into tracks (Track 3) - GrandMA 3D; GrandMa for PC
Week 7:	Program cues into tracks (Tracks 4) - GrandMA 3D; GrandMa for PC
Week 8:	Program cues into tracks (Track 5) - GrandMA 3D; GrandMa for PC
Week 9:	Program cues into tracks (Tracks 6-7) - GrandMA 3D; GrandMa for PC
Week 10:	Program cues into tracks (Track 8) - GrandMA 3D; GrandMa for PC Review all work
Week 11:	Advisor's Review

BUDGET

- * GrandMA in PC software - FREE
- * GrandMA 3D Software - FREE
- * Vectorworks 2018 - FREE (Student Version)
- * Lightwright - FREE
- * ShareX (Screen Video Capturing Software) - FREE
- * USB drives - \$30