

Culmination Project Proposal

For my culmination project I'm proposing to work on something to utilize my background in both concentrations in my degree: Sound Technology and Technical Direction/Scenery. I am proposing to take on a project that will benefit Theaterworks Gravesend Inn: Haunted Hotel. The pirate room also known as "O' Skully's Wharf" currently uses a rack outfitted with various show control modules that allow the animatronics to move and be automated; the project would take the gear out of the roll around rack and install them into a permanent wall rack. The things that need to be taken into account for this project is the budget, materials list, and if the previous connections to the rack are long enough to reach the new distance the wall mounted rack will be fixed.

Deliverables

1. Budget list showing detailed specifications for all needed components
2. CAD drawing show rack position and impact on the room/attraction.
3. Create a rack layout for modules
4. Install rack and cable management system
5. Document the process

Deadlines

- Budget List, Cut Sheets - 1st Week of class (1/25/19-2/1/19)
- Purchasing complete (2nd & 3rd Week of class 2/4/19-2/15/19)
- Installation complete (6th Week of class 3/4/19-3/8/19)
- Documentation complete (after installation 7th & 8th week of class 3/11/19-3/22/19)
- Possible Poster Session (Final week of semester)

Costs

1. Estimated ~\$2,000 Total
2. Wall Mount Rack
3. Plexiglass Door for rack
4. Rack Drawer
5. Power Strip
6. New amplifiers
7. Misc Hardware/cabling