



# Vintage Style DSLR Photo Booth Box

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### Entertainment Technology

#### Project Description

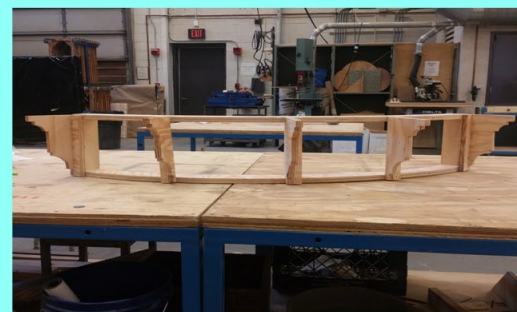
Prior to my attendance at City Tech, I knew very little about scenery and prop fabrication. However, I have gained a lot of experience since and that experience has inspired my culmination project. As the owner of a photography business, I wanted to create a culmination project that not only exhibited my attained City Tech knowledge of carpentry, technology and prop fabrication, but also would be something I could use for my photography business in the future. I decided to create a "vintage style DSLR photo booth box" for my project, which is a wooden box enclosure made to house a photo viewing screen, hidden DSLR (Digital Single Lens Reflex) camera, and studio flash lighting. The vintage style DSLR photo booth box will be operated using a remote and photo booth technology software. People would use the vintage styled digital DSLR photo booth box to take fun group event photos in front of an interesting fabric backdrop in a non-enclosed open setting. I chose the vintage look, because I thought it would be challenging yet fun to find a way to simulate the looks of vintage cameras, such as the 1929 Rolleiflex or the accordion style wooden tripod cameras of yesteryear. This especially works well as my photography business primarily focuses on vintage style photography and I believe a vintage style photo booth box design may be a great selling point and conversation piece.

I plan to complete my project utilizing plywood, metal hardware, vinyl (or another folding fabric/material, if I do the accordion style), a tripod or speaker stand (wooden or metal), led screen or ipad for reviewing images, DSLR camera, studio flash or beauty dish (whichever suits the projects finished look best), cables for digital connections and remote event photo booth software. Even though I have an idea in mind, I still need to draft it out in detail so I may see where I can improve, edit or add ideas. I know the basics of AutoCAD, but I am not as skilled as I would like to be, so I believe creating the Cad designs will be a slight challenge. However, I believe overall this project will be a rewarding experience that I can take with me even after graduation.

#### Methods

To create my "Vintage Style DSLR Photo Booth Box", I plan to use 3/4" plywood for the base and frame. I plan on locating metal hardware (new or used) to apply to the frame to simulate the vintage look. My design will allow the photo booth box to attach to either a camera tripod or speaker stand. The inside of the booth box will house a Canon Digital DSLR camera and lens. I will also attach either an Ipad or LED screen to the photo booth box for guests to review their

images. The booth will be run by remote software (Simplebooth or DSLR Booth software). I will use an "Eyefi" SDHC card in my DSLR camera. The Eyefi SDHC card will allow photos to be captured, viewed and uploaded to guest email, phones and social media immediately at guest request via built in wi-fi. I will also be using a studio flash attached to the DSLR camera to provide proper lighting for guests using the photo booth. Photos will be captured in front of a fabric background attached to a metal background stand. I will use Adobe AutoCAD to create my construction drawings. I will use books, tutorials and videos to help guide me through the AutoCad process.



#### Estimated Budget & Materials

Plywood \$60 Photobooth Software \$60 Hardware: \$50  
 Camera, Eye-Fi card, screen, tripod (already acquired)  
 Cables \$40 Lettering \$20  
 Paint/stain \$10 Paint brushes \$7  
 Total: \$247

#### Result

#### Work Cited

#### Acknowledgements To:

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