

COSPLAY ARMOR

PRESENTED BY FOA COSPLAY

ONI-CON 2013

I'M FOA, I COSPLAY, AND YOU COULD SAY I KNOW HOW TO MAKE ARMOR.



THESE PEOPLE, THEY KNOW A BIT ABOUT ARMOR MAKING TOO.

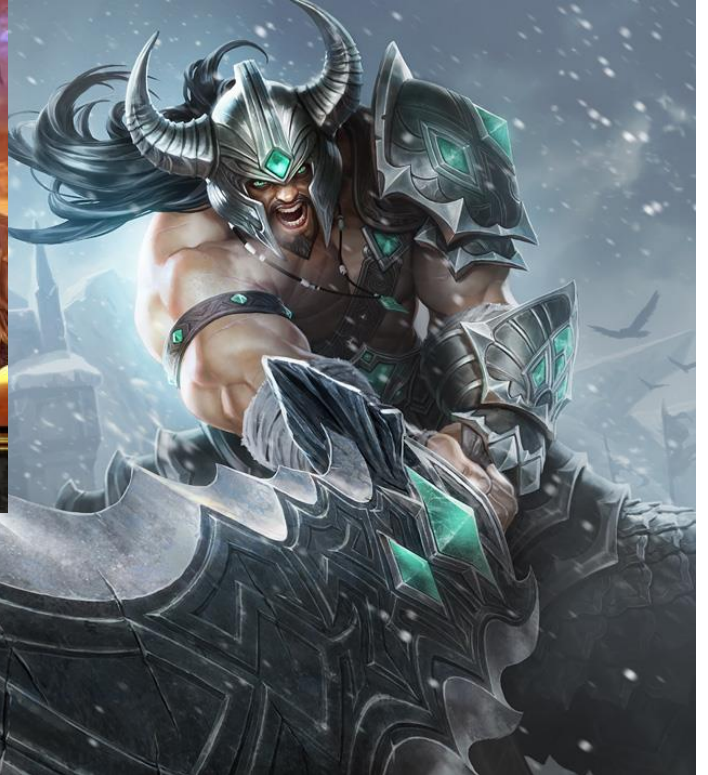


Sec-C Cosplay

ARMOR IN COSPLAY



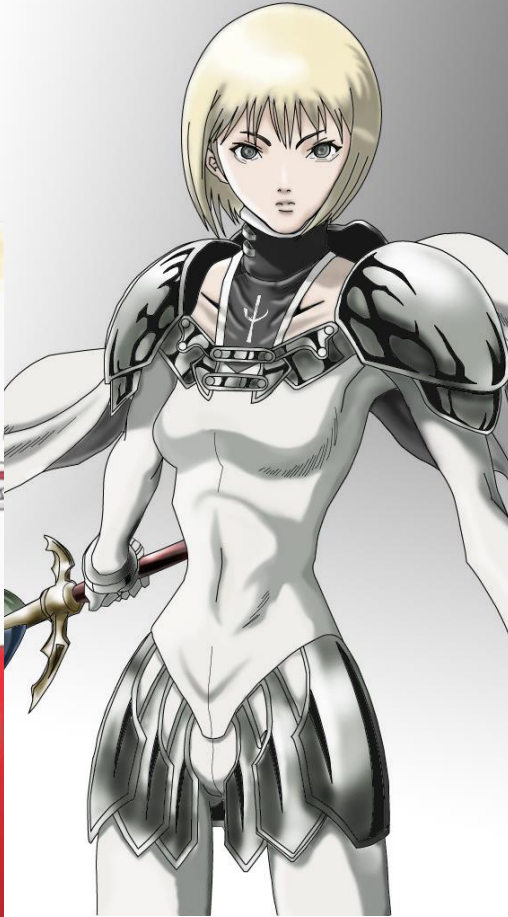
GAMES





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ANIME & TV





Cosplay Armor | Oni-Con 2013

WELL KNOWN ARMOR MEDIUMS

- **Paper Mache / PapierMache**
- **Craftfoam**
- **Thermoplastics | Wonderflex & Worbla**
- **Professional Level Plastics | Sintra & Styrene**

PAPER MACHE

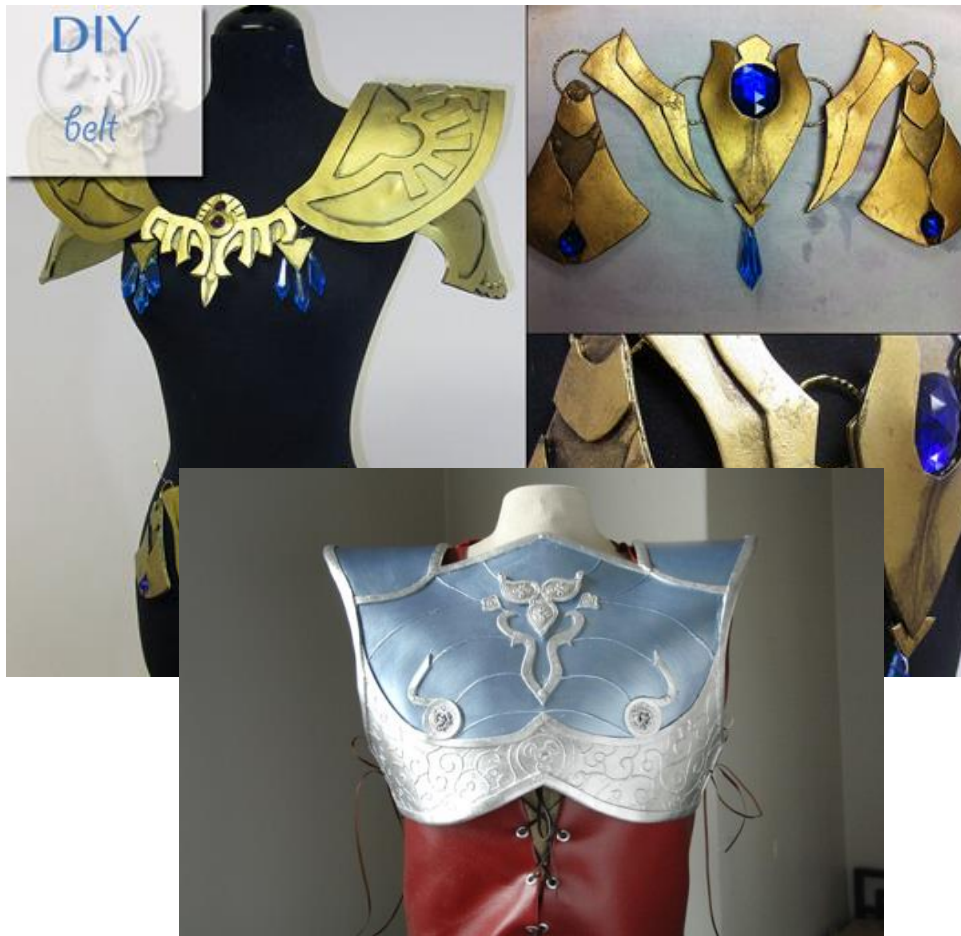


PAPER MACHE

- Pros – Cheap, Sturdy and can form pretty much any shape.
- Cons – Time Consuming, Messy, Requires quite a bit of finishing.
- Types – Paper Mache your mom made! Papiermache – paper pulp.



CRAFTFOAM



CRAFTFOAM

- Pros – Cheap, many applications, easy to work with
- Cons – Fragile, Doesn't tend to look as nice
- Notes
 - I use Craftfoam for templates.
 - it can be finished to have a very sturdy armor like appearance and feel (though the technique is time consuming)
 - can be heat molded slightly
 - Can be covered with fabric for a really nice appearance.



WONDERFLEX & WORBLA



WONDERFLEX & WORBLA

- Pros – Very sturdy, moldable, easy to use and can be finished nicely.
- Cons – Expensive, and a slight learning curve
- Notes
 - There are a ton of examples
 - Can be painted with acrylic
 - Sanded with gesso it can have a really nice finish.
 - Talk to me about where to get free samples!



STYRENE & PVC FOAM BOARD



STYRENE & PVC FOAM BOARD

- Pros – cheaper than Wonderflex and Worbla, Beautiful finishes, can be used with bondo, heat moldable, and can be finished to a high gloss shine.
- Cons – Requires a bit more tools, time consuming, lots of prep and finishing work.
- Notes
 - Sometimes I finish these with body filler for really fine finishes.
 - Can be bought from professional plastic retailers, sometimes free if you ask for scraps.
 - Both materials can be vacuum formed
 - Material thickness considerations

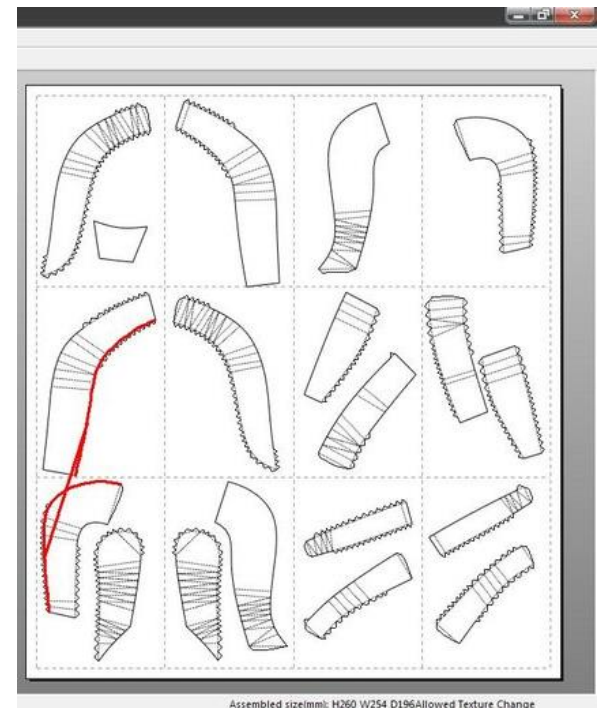
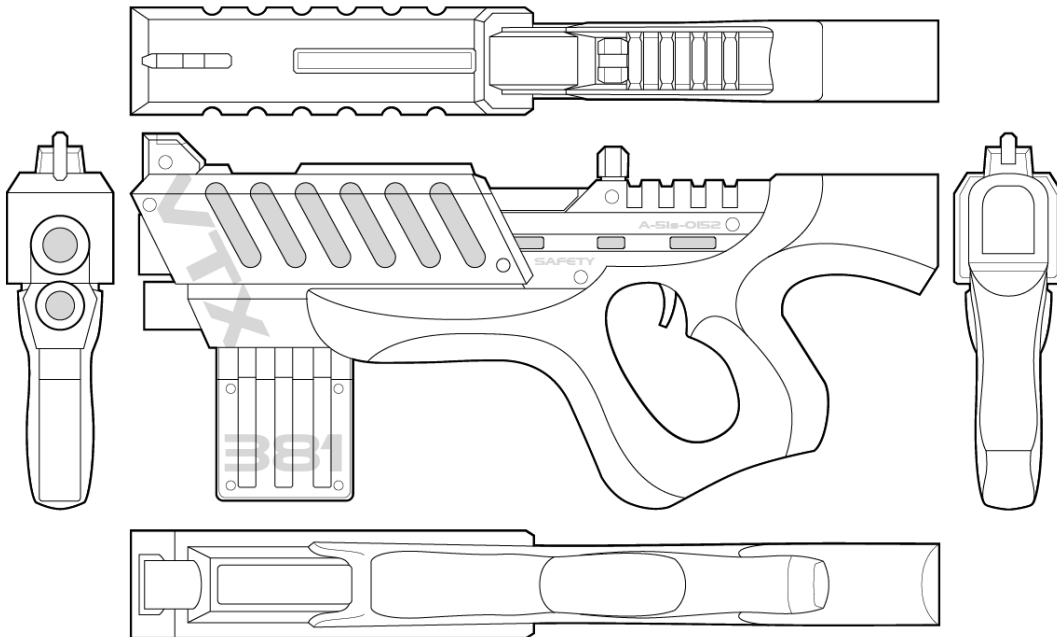
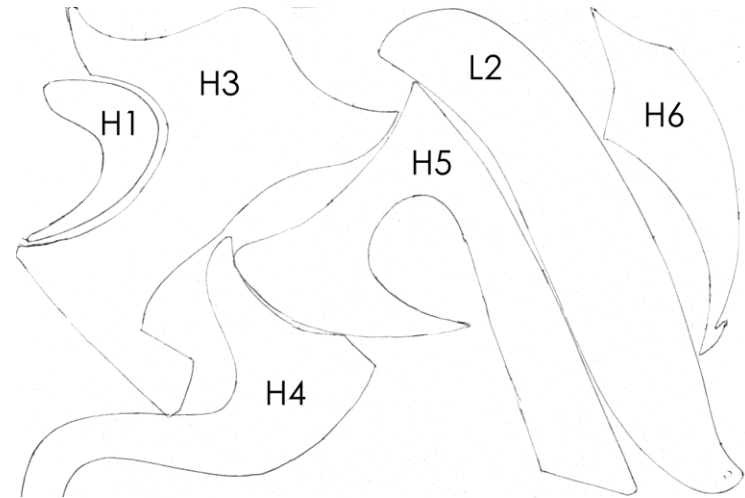


CRAFTING BASICS

- **Templates**
- **Building Armor**
- **Resin Casting & Gems**
- **Sanding**
- **Painting**
- **Wearing Armor & Harness Making**

TEMPLATES

- Pepekura
- Vector / Illustrator
- Tissue Paper / Craft Foam Templates



BUILDING ARMOR

- Building
- Mold Making



RESIN CASTING & GEMS



SANDING

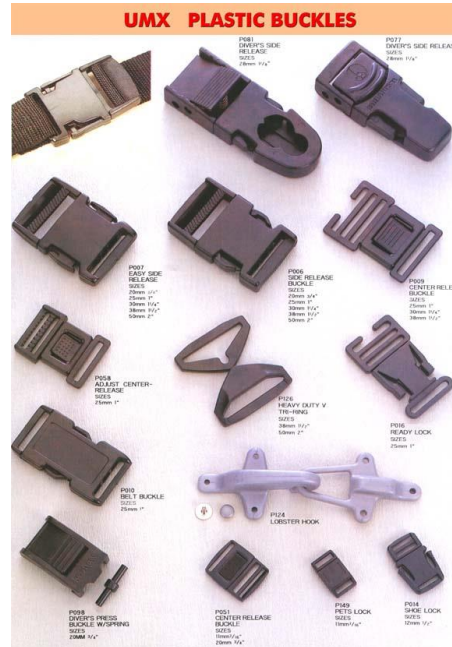
- Sanding Basics
 - By Hand
 - With Tools
 - Grit
- Details of a nice finish
- Learning where your limits are, and what you are happy with.

PAINTING & FINISH

- Types of Paint
 - Acrylic
 - Spray Types
 - Automotive / Air Compressor
 - Brands
- Weathering
- Polishing



WEARING ARMOR & HARNESS MAKING



SETUP

- Tools
 - Must haves
 - Nice to have
 - I wish I was you
- Safety
 - Ventilation
 - Masks
 - Gloves etc
- Cost / Expectations

SAMPLES & DEMOS

And now I'll show you some things...

CREDITS

Shinju Cosplay – Awesome Athena Cosplayer - <https://www.facebook.com/shinjusworkshop>

God Save the Queen – Beautiful Clare Cosplayer - <https://www.facebook.com/gstqfashions>

EminenceRain – Magnificent Heathcliff Cosplayer - <https://www.facebook.com/Endsong>

Kamui Cosplay – Killer Warrior Cosplayer (also awesome Worbla enthusiast) - <http://www.kamuicosplay.com/>

Junkers Cosplay – Intimidating Tryndamere Cosplayer - <https://www.facebook.com/JunkersCosplay>

Nicksrandomworld.DeviantArt.com

<https://www.facebook.com/GianlucaBiniPhoto> & Chris Wolfe

RuffleButt Cosplay – Lovely Alita Cosplayer - <https://www.facebook.com/RuffleButtCosplay>

Volpin Props – Crazy Skyrim cosplayer, and prop maker - <http://www.volpinprops.com/>

Lightning Cosplay – Brilliant Diablo cosplayer - <https://www.facebook.com/LightningCos>

Yaya Han – Elegant Fiora Cosplayer - <http://www.yayahan.com/>

Space Pizza Cosplay – Thrilling Rwby Cosplayer - <https://www.facebook.com/spacepizzacosplay>

GS Props | Marikasan – Impressive Claymore Cosplayer - <http://marikasan.deviantart.com/>

Sec-C Cosplay – Lovely Presenters! - <http://hellosec-c.com/>

Foa Cosplay