

Technics 26

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Technical Studies Reflection

11 May, 2026

1. Wood
2. Image
3. Materials
4. Textiles
5. Reflection

Summary

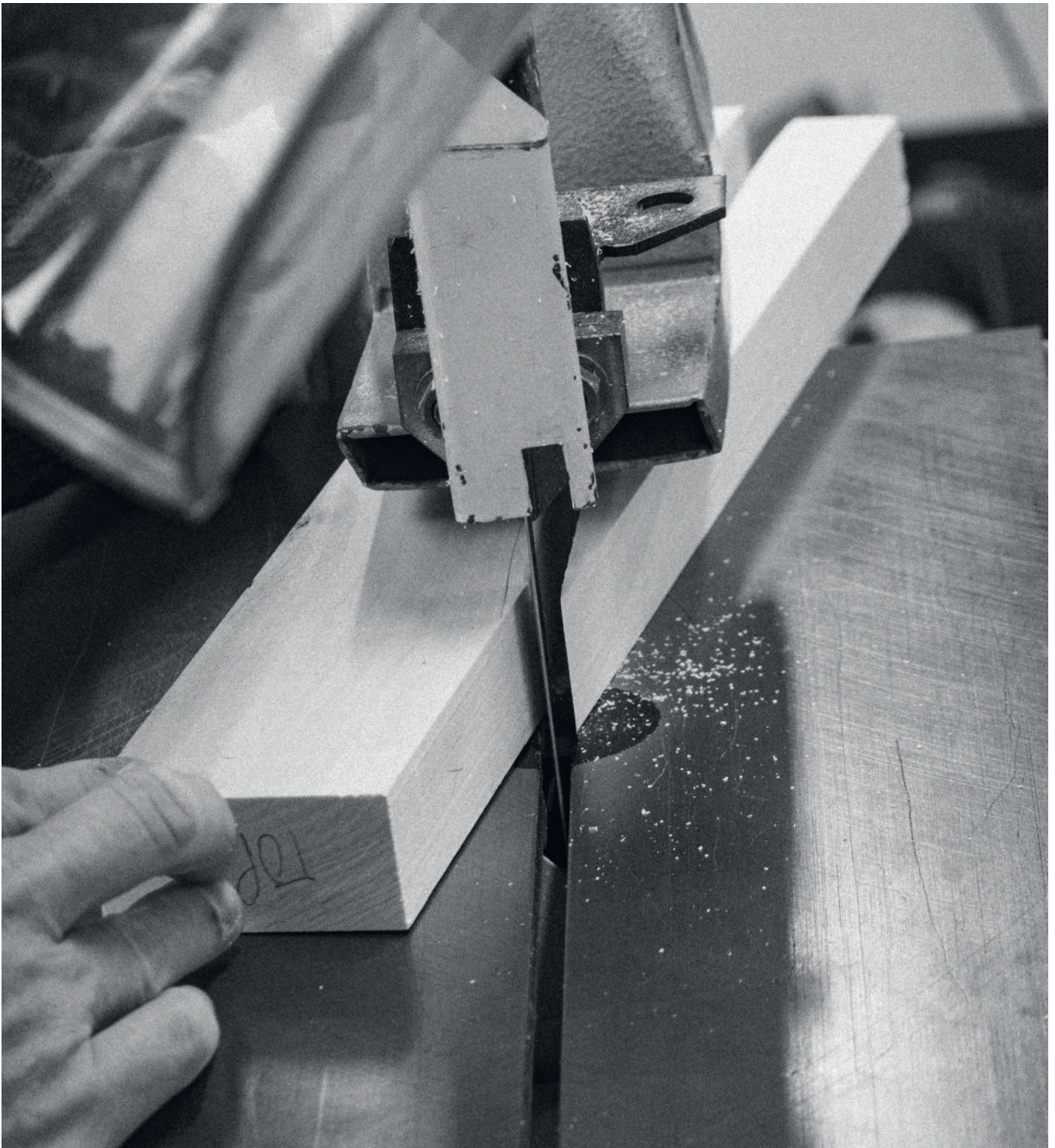
1. Woods

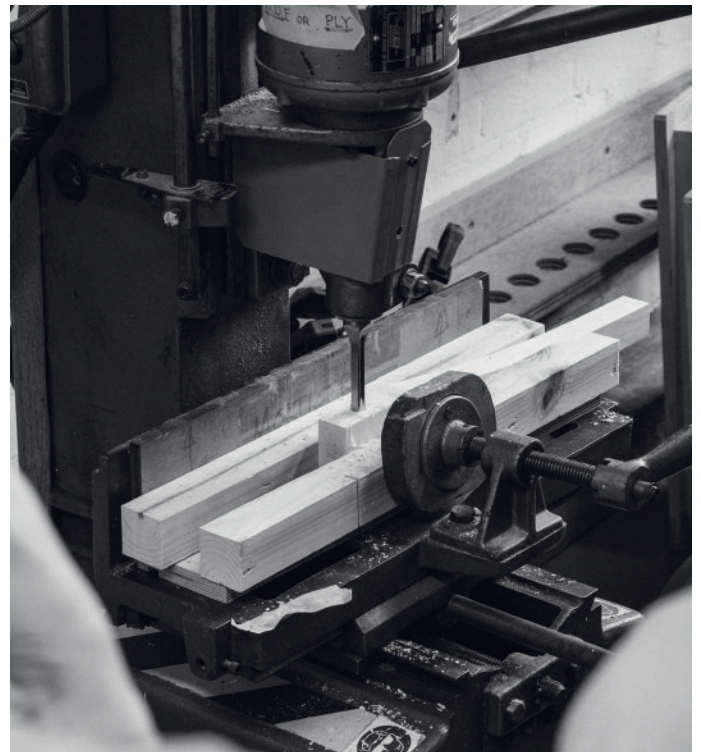
Making a Stool

Lecture by Richard

20 October

2025





After the beginning of my second year, the first Technical Studies class I took was the Wood Workshop. The project lasted for four days, and the goal was for every group to produce exactly the same wooden stool in both size and shape. Although this may sound simple at first, creating identical and highly precise stools as a group was far more challenging than simply making individual designs.

The purpose of this exercise was to practice accurate measuring, precise wood cutting, and efficient production methods through repetition and teamwork.

During this workshop, I was able to learn a variety of woodworking techniques that I had not experienced before. I learned how to laminate multiple layers of wood together using glue in order to create curved forms, and I also practiced sanding techniques to achieve smooth and refined surfaces.

Rather than producing simple mock ups, we created fully functional furniture pieces that could realistically be used at home, which helped me gain a deeper understanding of the overall woodworking and fabrication process.

I also learned about different types of finishing oils and their characteristics, and had the opportunity to apply Danish Oil myself as part of the finishing process.

The skills and techniques I learned during this workshop later became highly valuable during the production of my Viva project, "I Need Something More." In particular, the workshop helped me develop a more efficient understanding of how to work with wood and how to achieve a higher quality surface finish, both of which contributed significantly to the making process and final quality of the project.



2. Images

Image and Video

Lecture by Frankie

26 January

2026





In the Image Studies classes, I learned how to use cameras more professionally and how to work with Adobe Photoshop in detail. Throughout the course, I practiced taking and editing photographs while experimenting with different compositions, lenses, and shooting techniques, which helped me develop a deeper understanding of photography as a whole.

Since I was already quite familiar with using cameras before taking the class, the experience felt less like learning completely new skills and more like refining and developing the knowledge and techniques I already had. Because of this, I was able to enjoy the classes in a more relaxed and creative way while improving my approach to photography and visual expression. I also learned a great deal about lighting techniques and how lighting can influence the mood and atmosphere of an image.

Afterwards, we moved on to Video Studies classes. In these sessions, I learned not only how to film videos but also how to edit them using Adobe Premiere Pro. Compared to the photography classes, the video classes introduced many completely new skills, especially in terms of editing workflows and understanding how moving images can be structured and presented. We spent time filming around the campus and experimenting with different ways of capturing footage, which became a very valuable experience.

Through this class, I developed a strong interest in videography and video editing. Since then, I have continued using video production in my Viva projects, while also consistently filming and editing videos for personal work and social media content.



3. Materials

Testing Bio-materials

Lecture by Richard

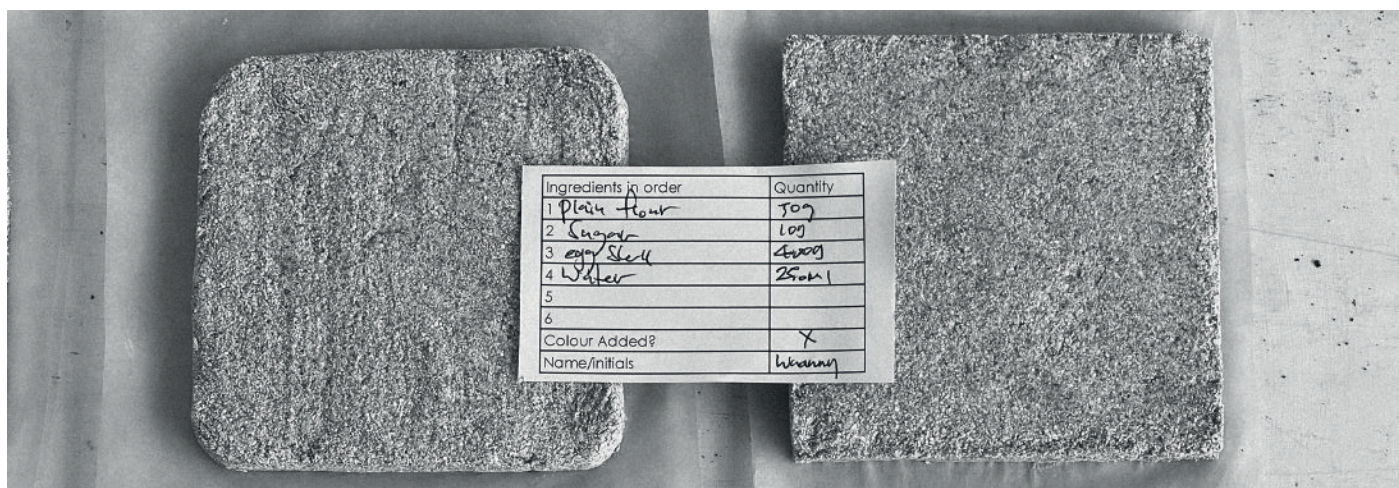
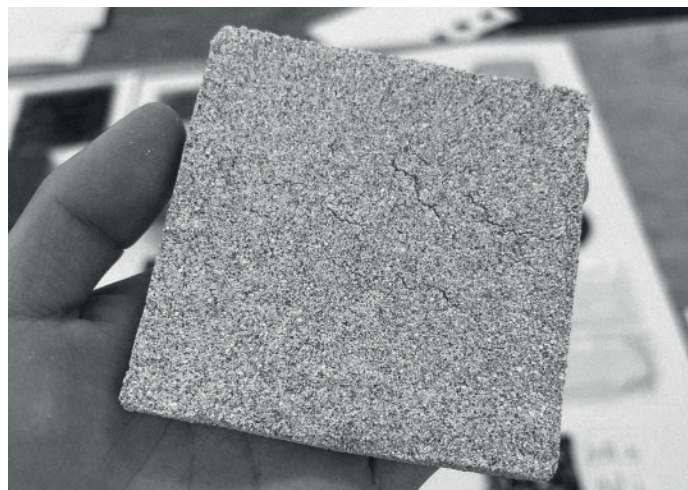




In the Material Studies class, we explored and experimented with a variety of sustainable materials. We tested how different ratios, dilution methods, and heating processes affected how well materials solidified, how durable they became, and how long they could last. Before taking this class, I did not even realise that these kinds of material experiments were possible.

As a student who hopes to work in the audio industry in the future, discovering and experimenting with new materials related to audio design and production was an especially interesting and valuable experience for me. The opportunity to freely create and test materials opened up many new ideas and possibilities.

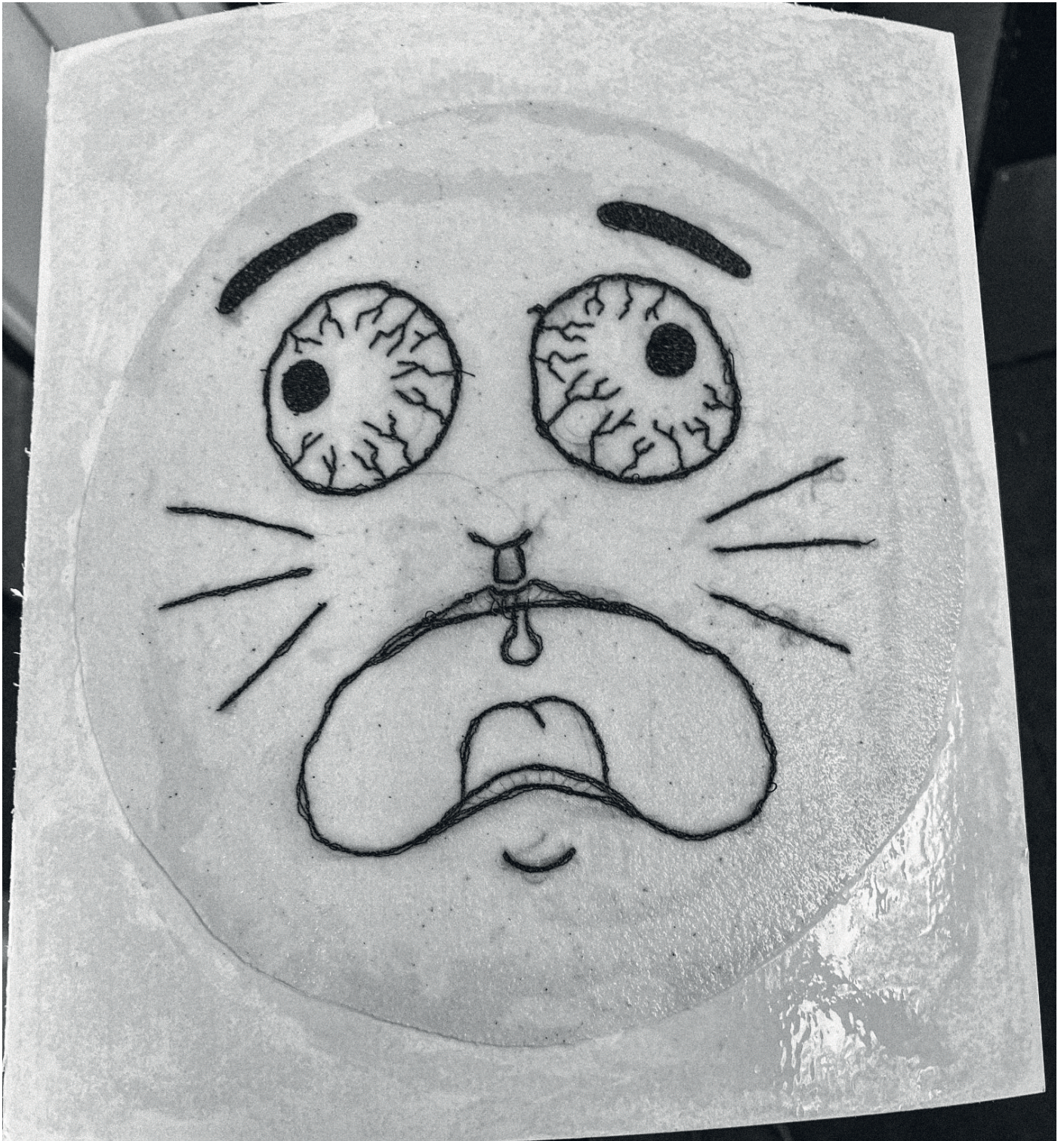
One of my favourite projects during the class was making white tile-like surfaces inspired by bathroom ceramics by finely grinding eggshells and mixing them with different substances. I was personally very satisfied with the outcome, both visually and materially. It was an experience that I believe is definitely worth revisiting and researching further in the future.

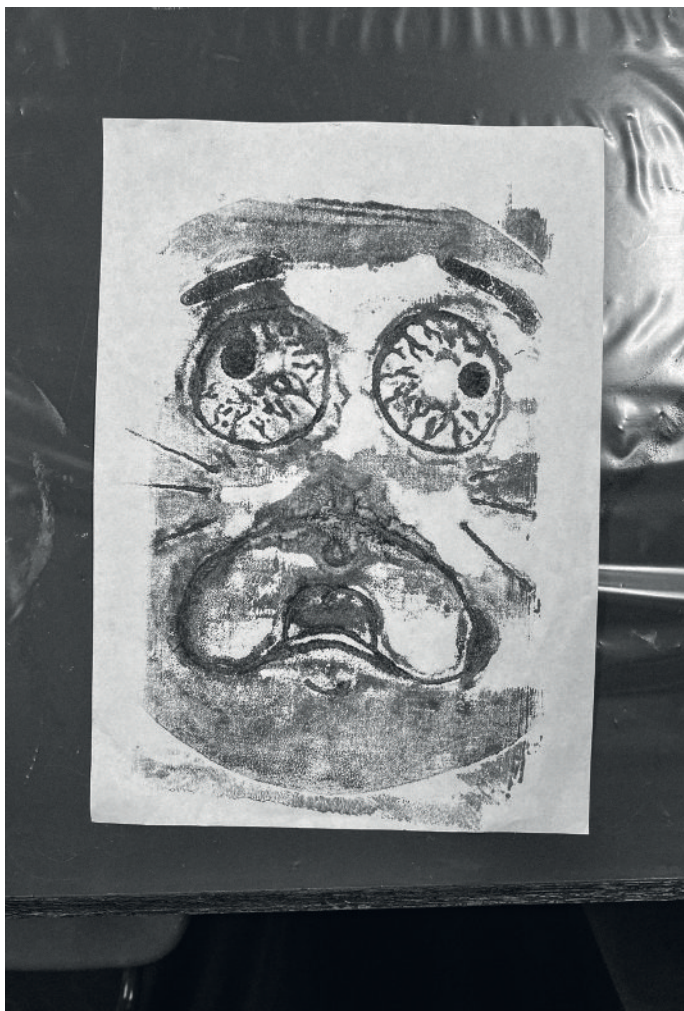


4. Textiles

Testing Bio-materials

Lecture by Claire & Faith





During the Textile Studies class, we experimented with using embroidery to create tension and raised surfaces on fabric. By stitching patterns and drawings into the material, certain parts would protrude, and we then applied ink onto those raised surfaces to print them onto paper or fabric. It was a very unique process that combined elements of both textile work and printmaking.

I applied for this class because I personally felt that textiles were an area less familiar to me, and I wanted to learn more about the material qualities and possibilities within the field. The techniques and processes I learned during the course were extremely interesting, and I believe they could become very useful in future 2D design work.

For my own experiments, I created character illustrations, but I also realised that this technique could be applied to typography, graphic elements, patterns, and many other forms of visual design. Having the opportunity to use embroidery sewing machines was also a very valuable experience. I especially felt that these techniques could be useful in the future when designing speaker grilles or creating custom fabrics for audio related products.

5. Reflection

Through these technical classes, I was able to learn many processes and techniques that I had not easily been able to access before. I also had the opportunity to use a wide range of machines that I would not normally have the chance to work with, and I feel that I became much more comfortable and confident using them over time.

Unfortunately, I had to miss the first 3D ceramic printing class because I was unwell, and I also missed the metal workshop because Jameson was unwell that day as well. It was unfortunate to miss two classes, but despite that, the remaining sessions were still extremely valuable and full of techniques that I believe will be very useful in the future when I begin creating audio products and speakers.

The class I was most excited about was Andrew's ceramic printing workshop, so I was especially disappointed that I could not attend. One of the reasons I was so interested in it was because I have always wanted to explore the possibility of using ceramic printing technology to create speaker bodies in the future. Although I missed that opportunity during my second year, I truly hope I will be able to take part in it again during my third year.

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