

2024 HSC Industrial Technology MAJOR PROJECT

Statement of Intent

Name

Leo
Edmunds

Product

Spacious Work Desk

Intention:

To conceptualise and construct an exceptional piece of furniture that is characterised by its quality and functionality. I've opted to design a unique desk to serve as a versatile and personalised workspace for my home. The desk should boast a spacious surface area and deep drawers to facilitate an efficient workflow. Additionally, I plan for its design to supersede the conventional rectangle, instead incorporating a unique curve for added aesthetic appeal and ergonomic consideration. I am confident that this project will significantly enhance my knowledge and woodworking skills by offering valuable hands-on experience in design, craftsmanship, material selection and construction techniques.

Motivation:

This immersive process is certain to inspire and drive me to create an extraordinary piece of furniture.

Function:

The desk will feature a thoughtfully designed arrangement of drawers, catering to different sizes and needs, to provide ample and versatile storage options. The desk needed to have a large surface area, to facilitate a productive working environment, and be able to support 50-60kg on its top surface. Ensuring durability under these conditions is crucial for its long-term functionality and reliability.

Sustainability:

I used two distinctive Australian hardwoods as the primary materials for the desk. My choice is driven by their inherent strength, ensuring the desk's durability and longevity. Using these hardwoods aligns with my dedication to sustainable practices, as they can be locally and responsibly sourced. This not only enhances the desk's aesthetic appeal through the contrasting of wood tones but also reflects my conscientious approach to my environmental impact.