# Men's Shed & Flexi School: Design for CNC

**SLQ Wiki Fabrication Lab 2024/10/15 17:42** 

## Men's Shed & Flexi School: Design for CNC

During this session it is intended that the Men's Shed will complete the learning they have been doing with design. Up until this point they have been focusing on doing designs on Illustrator, then they cut these designs on the laser printer. This week that same design in Illustrator will be translated to

## Men's Shed & Flexi School: Design for CNC

During this session it is intended that the Men's Shed will complete the learning they have been doing with design. Up until this point they have been focusing on doing designs on Illustrator, then they cut these designs on the laser printer. This week that same design in Illustrator will be translated to Vcarve and cut on the CNC. It is hoped that the men will then see the design difference and be able to make choices about what machine is good for what job and be able to design it!

The following was planned for the Flexi School, however they had a camp on and this has been postponed.

(During this session the young people will finish sewing their bags and then begin designating a stencil in illustrator to cut out on the laser).

## The plan for Wednesday 30th august

#### Men's shed

(With Mick)

Introductions

Work down in the CNC pit.

Take the illustrator design and apply it to Vcarve.

Cut design on CNC

Identify the difference for the CNC and laser as a group.

## Reflection

Today Two men from Sunnybank came in and one from Wilston. Two had not done the induction on the CNC. Two had with the older version of software.

Mick lead the induction as well as using the car design that they had been working with previously. I loved seeing the men correct Mick or remind him about a particular detail that was required. These

3/4

men know wood and know making things with wood. The CNC was playing up (the piece that falls off fell off) This was a little frustrating for the group. One even offered to weld it as a way to fix it as he had experience this happen last time he was on the CNC machine.

I had a quick chat at the end with the group about October and coming in to make stuff for a larger project at The Edge. They seemed keen and said 'we are retired, we have time'.

Today we also confirmed that three of them will be coming in to hack the evening to begin building a computer (CCC project). I am happy to be converting three to coming in as users at a different time.

#### **Photos**











×

carve and cut on the CNC. It is hoped that the men will then see the design difference and be able to make choices about what machine is good for what job and be able to design it!

The following was planned for the Flexi School, however they had a camp on and this has been postponed.

(During this session the young people will finish sewing their bags and then begin designating a stencil in illustrator to cut out on the laser).

# The plan for Wednesday 30th august

#### Men's shed

(With Mick)

Introductions

Work down in the CNC pit.

Take the illustrator design and apply it to Vcarve.



Cut design on CNC

Identify the difference for the CNC and laser as a group.

4/4

### Reflection

Today Two men from Sunnybank came in and one from Wilston. Two had not done the induction on the CNC. Two had with the older version of software.

Mick lead the induction as well as using the car design that they had been working with previously. I loved seeing the men correct Mick or remind him about a particular detail that was required. These men know wood and know making things with wood. The CNC was playing up (the piece that falls off fell off) This was a little frustrating for the group. One even offered to weld it as a way to fix it as he had experience this happen last time he was on the CNC machine.

I had a quick chat at the end with the group about October and coming in to make stuff for a larger project at The Edge. They seemed keen and said 'we are retired, we have time'.

Today we also confirmed that three of them will be coming in to hack the evening to begin building a computer (CCC project). I am happy to be converting three to coming in as users at a different time.

### **Photos**

×

×

×

×

×

×