

INTRODUCTION TO WOODTURNING



Participant's Information

Day One: Spindle Turning Course

Day Two: Bowl Turning Course

Course Attendee's Name:

Written by Colin Watson
Huddersfield Woodturners
March 2022

Content	Completed
Introduction: Aim Lesson Outcomes	
Outcome 1a: Discuss the steps required to make the tealight holder.	
Outcome 1b: Mount a blank on a chuck using drilled recess chucking point.	
Outcome 1c: Turn the blank round and true up the face.	
Outcome 2: Using a Jacobs Chuck in the Tailstock and a suitable sized Forstner drill bit drill the hole for the brass cup.	
Outcome 3a: Turn the top of the tealight holder. Sand and finish the top of the tealight holder.	
Outcome 3b: Using a scrap piece of wood make a jam chuck to fit the hole in the top of the tealight holder. Mount the tealight holder using the jam chuck with support from the tailstock.	
Outcome 3c: Turn the bottom of the tealight holder leaving the nub being used for the tailstock support. Cut off the nub close to the base with a small saw.	
Outcome 3d: Sand the remains of the nub off (power sand with a hand drill if available) or remove with a chisel. Sand and finish the bottom of the tealight holder. Superglue the brass cup into the tealight holder	
Conclusion/Reflection Next lesson	

Course Title: Introduction To Woodturning Module Number: 8

Lesson Topic: Faceplate Turning - Turn a Tealight Holder

Lesson Duration: 1 Hour 45 Minutes

Aims:

- Mount a bowl blank on the lathe
- Turn a Tealight Holder

Lesson Outcomes:

1. Mount a bowl blank on the lathe, turn the blank round and true up the face
2. Drill a hole for the brass cup using a Jacobs chuck and Forstner bit
3. Turn and finish a Tealight Holder

Introduction

This course is intended to provide an introduction to woodturning for new turners or those with limited experience. The course consists of two one day sessions, the first day focuses on spindle turning and the second day on faceplate turning.

During the course you will learn about the Health and Safety aspects of woodturning to help ensure that you can turn safely by yourself. You will learn about the lathe, the tools usually included in a basic starter set of tools, how to sharpen them and how to use them correctly and safely.

During the spindle turning day you will produce a sample piece, a mushroom and a goblet.

During the faceplate turning day you will produce a small bowl a small platter and a tealight holder. These items have been chosen to enable you to learn a range of techniques. A list of suggested additional pieces is included in the course material. If time allows you may be able to make one or more of these additional pieces during the course or complete them at a later date. Your tutor during the course will be happy to provide feedback on any pieces you complete outside of the course.

The course is split into modules to help provide structure to the days. The following module summary sheets will enable you to track your progress through the course and make notes as required.

The handouts can be used for future reference.

Course Title: Introduction To Woodturning Module Number: 1

Lesson Topic: **Spindle Turning – Planing Cuts, Sizing Cuts, V-Cuts, Beads and Coves**

Lesson Duration: **1 Hour 15 Minutes**

Aims:

- Produce a spindle blank
- Turn Coves, Beads and V-Cuts

Lesson Outcomes:

1. Identify and Describe the Spindle Roughing Gouge, Spindle Gouge, Parting Tool and Skew Chisel
2. Rough turn from square to round using a Spindle Roughing Gouge followed by planing cuts with a Skew Chisel

Content	Completed
Introduction: Aim Lesson Outcomes Establish Student Entry Level H&S and Lathe recap	
Outcome 1: Identify and Describe the Spindle Roughing Gouge, Spindle Gouge, Parting Tool and Skew Chisel	
Outcome 2a: Rough turn from square to round using a Spindle Roughing Gouge	
Outcome 2b: Carry out planing cuts using a Skew Chisel	
Outcome 3a: Produce sizing cuts with a Parting Tool	
Outcome 3b: Produce V-Cuts with a Skew Chisel	
Outcome 3c: Produce Coves and Beads with a Spindle Gouge	
Conclusion/Reflection Next Session	



Course Title: Introduction To Woodturning Module Number: 7

Lesson Topic: Faceplate Turning - Turn a Platter

Lesson Duration: 2 Hours

Aims:

- Mount a bowl blank on the lathe
- Turn a platter

Lesson Outcomes:

1. Mount a bowl blank on the lathe, turn the blank round and true up the face
2. Turn and finish a platter

Content	Completed
Introduction: Aim Lesson Outcomes	
Outcome 1a: Introduce the various ways to mount a thin bowl blank. Discuss the various shapes for platters and choose one to make.	
Outcome 1b: Mount a bowl blank on a chuck using a suitable method	
Outcome 1c: Turn the blank round and true up the face.	
Outcome 2a: Make a recessed chucking point in the face of the blank. Turn the outside of the platter using the Bowl Gouge.	
Outcome 2b: Sand and finish the outside of the platter.	
Outcome 2c: Remount the platter using the chucking point. Turn the inside of the platter using the bowl Gouge and Round Nosed Scraper.	
Outcome 2d: Sand and finish the inside of the platter.	
Conclusion/Reflection Next lesson	

Course Title: Introduction To Woodturning Module Number: 2

Lesson Topic: Spindle Turning – Turn and Finish a Mushroom

Lesson Duration: 1 Hour 35 Minutes

Aims:

- Produce a spindle blank
- Turn and finish a mushroom

Lesson Outcomes:

1. Rough turn from square to round using a Spindle Roughing Gouge
2. Mount a spindle blank in a chuck using a chucking point
3. Turn a mushroom
4. Introduction to Sanding and Finishing Equipment

Content	Completed
Introduction: Aim Lesson Outcomes	
Outcome 1: Rough turn from square to round using a Spindle Roughing Gouge	
Outcome 2a: Introduce the chuck and chucking points	
Outcome 2b: Make a chucking point on the end of the spindle	
Outcome 2c: Mount the chuck on the lathe and mount the spindle in the chuck. Part off the spindle with the parting tool to leave a length in the chuck suitable for turning a mushroom.	
Outcome 3a: Turn a mushroom	
Outcome 4: Introduce sanding and finishing equipment, materials, techniques and precautions including dust extraction	
Outcome 3b: Sand and finish the mushroom. Part off and finish the base.	
Conclusion/Reflection Next lesson	

Course Title: Introduction To Woodturning Module Number: 3

Lesson Topic: Spindle Turning – Turn and Finish a Goblet

Lesson Duration: 1 Hour 35 Minutes

Aims:

- Produce a spindle blank
- Turn and finish a Goblet

Lesson Outcomes:

1. Rough turn from square to round using a Spindle Roughing Gouge
2. Mount a spindle blank in a chuck using a chucking point
3. Turn and finish a goblet

Content	Completed
Introduction: Aim Lesson Outcomes	
Outcome 1: Rough turn from square to round using a Spindle Roughing Gouge	
Outcome 2: Make a chucking point on the end of the spindle. Mount the chuck on the lathe and mount the spindle in the chuck.	
Outcome 3a: Mark out the spindle for the parts of the goblet	
Outcome 3b: Introduce end grain hollowing with a Spindle Gouge. Hollow out the goblet cup.	
Outcome 3c: Turn the outside of the goblet cup. Sand and finish the goblet cup.	
Outcome 3d: Turn the stem and base. Sand and finish the stem and base.	
Outcome 3e: Part off the goblet. Sand and finish the bottom of the base.	
Conclusion/Reflection Next lesson	

Content	Completed
Introduction: Aim Lesson Outcomes Establish Student Entry Level H&S and Lathe recap	
Outcome 1: Identify and Describe the Bowl Gouge and Round Nosed Scraper	
Outcome 2a: Introduce faceplate turning and the differences to spindle turning. Introduce the various ways to mount a bowl blank. Discuss the various shapes for bowls and choose one to make.	
Outcome 2b: Mount a bowl blank on a chuck using a suitable method	
Outcome 2c: Turn the blank round and true up the face	
Outcome 3a: Make a recessed chucking point in the face of the blank. Turn the outside of the bowl using the Bowl Gouge.	
Outcome 3b: Sand and finish the outside of the bowl.	
Outcome 3c: Remount the bowl using the chucking point. Turn the inside of the bowl using the Bowl Gouge and Round Nosed Scraper.	
Outcome 3d: Sand and finish the inside of the bowl.	
Conclusion/Reflection Next Session	

Course Title: Introduction To Woodturning Module Number: 6

Lesson Topic: Face Plate Turning – Turn a Bowl

Lesson Duration: 2 Hours

Aims:

- Mount a bowl blank on the lathe
- Turn a bowl

Lesson Outcomes:

1. Identify and Describe the Bowl Gouge and Round Nosed Scraper
2. Mount a bowl blank on the lathe, Turn the blank round and true up the face
3. Turn and finish a bowl

Course Title: Introduction To Woodturning Module Number: 4

Lesson Topic: Tool Sharpening

Lesson Duration: 1 Hour

Aims:

- Introduction to the ProEdge sharpening system
- Sharpen the six basic turning tools

Lesson Outcomes:

1. Introduction to the ProEdge sharpening system
2. Sharpen a Spindle Roughing Gouge, Parting Tool, Round Nosed Scraper, Skew Chisel, Spindle Gouge and a Bowl Gouge

Content	Completed
Introduction: Aim Lesson Outcomes	
Outcome 1: Introduction to the ProEdge sharpening system	
Outcome 2a: Sharpen a Spindle Roughing Gouge	
Outcome 2b: Sharpen a Parting Tool	
Outcome 2c: Sharpen a Round Nosed Scraper	
Outcome 2d: Sharpen a Skew Chisel	
Outcome 2e: Sharpen a Spindle Gouge	
Outcome 2f: Sharpen a Bowl Gouge	
Conclusion/Reflection Next lesson	

Course Title: Introduction To Woodturning Module Number: 5

Lesson Topic: **Additional Spindle Projects** **(Optional)**

Lesson Duration: **1 Hour 35 Minutes**

Aims:

- Complete Additional Spindle Projects

Lesson Outcomes:

1. Complete additional Spindle projects either during the course if time permits or at a later date

Content	Completed
Outcome 1a: Bud Vase	
Outcome 1b: Garden Dibber	
Outcome 1c: Snowman	
Outcome 1d: Christmas Tree	
Outcome 1e: Apple and/or Pear	
Outcome 1f: Candlestick	
Outcome 1g: Spinning Top	



