



Warrior Oak Woodturning 8-Week Program Syllabus *Grades 9–12*

Program Title: Introduction to Woodturning: Craft, Creativity, and Confidence

Instructor: Ernesto Aquino

Location: Warrior Oak Woodturning Learning Center-1404 El Nido Dr. Fallbrook, CA. 92028

Program Duration: Semester-based (8 weeks)

Schedule: One session per week – 2 hours per session

Day: TBD

Time: TBD

Cost: \$300.00 per semester/per student

Program Overview

This accelerated woodturning program introduces high school students to the fundamentals of woodturning through hands-on, project-based learning. With an emphasis on safety, technique, and creativity, students will gain core skills and complete multiple projects in a supportive environment.

Learning Objectives

By the end of this program, students will:

- Demonstrate proper woodturning safety protocols.
 - Identify and use essential woodturning tools and equipment.
 - Execute basic woodturning techniques including spindle turning.
 - Design, complete, and present personal woodturning projects.
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Course Outline

Week 1: Safety First & Intro to Tools

- Safety gear and attire.
- “Fly zone” awareness.
- Overview of lathe parts, tools, and key terms.
- Safety quiz.

Week 2: Tool Handling & Basic Techniques

- Proper grip and tool positioning.
- Hands-on practice with spindle work.
- Simple starter project: Slimline pen

Week 3: Project #1 – Pens or Bottle Stoppers

- Shaping, sanding, and finishing.
- Emphasis on tool control and technique..

Week 4: Project #2 – Small Spindle Turning

- Exploring different tool cuts.
- Attention to symmetry and detail.

Week 5: Creativity in Action – Project Design

- Introduction to wood types and finishes.
- Planning a personalized project.

Week 6: Independent Project Work

- Applying learned techniques to original designs.
- Instructor guidance and troubleshooting.

Week 7: Project Completion & Advanced Finishing

- Sanding, polishing, and applying finishes.
- Preparing for presentations.

Week 8: Showcase & Reflection

- Final presentations of projects.
- Gallery-style display for families.
- Reflection on craftsmanship and process.

Materials Provided

- All tools, safety gear, wood blanks, and finishing supplies.

Student Responsibilities

- Attend each session on time and be prepared to engage fully.
 - Follow all safety instructions.
 - Show respect to peers, tools, and the learning environment.
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Assessment Criteria

- Participation and effort in all activities.
 - Mastery of basic safety and technical skills.
 - Completion of assigned projects.
 - Personal growth in creativity, confidence, and craftsmanship.
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Contact Information:

Ernesto Aquino

Founder & Instructor, Warrior Oak Woodturning

warrioroak@gmail.com/760-518-6121

This syllabus is subject to minor updates based on group dynamics or material availability. Warrior Oak Woodturning is committed to maintaining a safe and inspiring learning experience for all students.

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