

This program provides theory and hands-on training for entry-level skills through craftsman/master-level competencies. Day, evening, and weekend classes for part-time or full-time students include the areas of lutherie (musical instrument building), furniture building, cabinet making, chair making, carving, and wood turning. Courses may be repeated up to three times to increase proficiency. All courses are sequenced as shown in the certificate.

Degree: Associate of Applied Science

Fine Woodworking

Certificates:

**General Fine Woodworking
Woodworking Fundamentals
Wood Turners
Luthier Fundamental
Cabinetmaker
Craftsman
Joiner
Artisan
Post-Degree Master Craftsman**

AAS Degree

Fine Woodworking

The AAS degree includes an additional requirement of 5 credits of electives, which should be fulfilled outside the fine woodworking program. These electives must be approved by your advisor and must complement your goals. Examples of such electives include courses from small business, art, photography, multi-media, CAD, or perhaps a Web design course.

Required Courses		Credits
FIW 101	Introduction to Woodworking	8
FIW 104	Elements of Design	2
FIW 118	Lathe Turning	4
FIW 125	Finishing	4
(4 credits of special topics finishing classes may be substituted for FIW 125 with the advisor's permission)		
FIW xxx	Furniture I, Frame Joinery	5
FIW xxx	Furniture II, Carcass & Chair	5
FIW xxx	Furniture III	6
(Substitutions to Furniture III are possible, but must be approved)		
FIW 289	Capstone – Professional Development	6
Additional Electives (see description above)		6
General Education Courses (See AAS Degree Requirements on page 24)		15
Total Credits		61

Certificate

General Fine Woodworking

Required Courses		Credits
FIW 101	Introduction to Woodworking	8
FIW 104	Elements of Design	2
FIW 118	Lathe Turning	4
FIW 125	Finishing	4
(4 credits of special topics finishing classes may be substituted for FIW 125 with the advisor's permission)		
FIW xxx	Furniture I, Frame Joinery	5
FIW xxx	Furniture II, Carcass & Chair	5
FIW xxx	Furniture III	6
(Substitutions to Furniture III are possible, but must be approved)		
Total Credits		34

Certificate

Woodworking Fundamentals

This certificate is designed to give students the basics of most woodworking applications. It is well suited for those students seeking an occupation within an existing woodworking industry and/or continuing their pursuit of a degree or a more advanced certificate.

Required Courses	Credits
FIW 101 Introduction to Woodworking	8
FIW xxx Furniture I, Frame Joinery	5
Total Credits	13

Certificate

Wood Turners

This certificate is designed for students desiring to validate their experience in the world of wood turning. Students who successfully complete this certificate are seeking to begin their own woodturning or craft-based businesses.

Required Courses	Credits
FIW 100 Fundamentals of Woodworking	4
FIW 118 Lathe Turning	4
FIW 119 Intermediate Turning I	4
FIW 121 Intermediate Turning II	4
Total Credits	16

Certificate

Luthier Fundamentals

As students progress through our rapidly growing luthier program, they often seek employment within the musical instrument repair and construction business or become entrepreneurs within this field of woodworking. Students should plan to take their electives under the luthier program with special topic classes focused on their field of study. This certificate is designed to validate their experience in this field.

Required Courses	Credits
FIW 101 Introduction to Woodworking	8
FIW 102 Classical Guitar Making	6.5
FIW 103 Steel String Guitar Making	6.5
FIW xxx Electric Guitar	6
FIW xxx Guitar Repair & Set-up	4
FIW 125 Finishing	4
FIW xxx Elective	6
Total Credits	41

Certificate

Cabinetmaker

Students seeking employment within the cabinetmaking business are required to show competencies on the tools associated with and the design of, basic box cabinetmaking. This certificate is designed to include those skills which are commonly sought within this field.

Required Courses	Credits
FIW 101 Introduction to Woodworking	8
FIW 128 Doormaking	4
FIW 209 Cabinetmaking	4
Total Credits	16

Certificate

Craftsman

This certificate is designed for students who desire to show evidence of their knowledge of the basic skills required for a woodworking craftsman in order to pursue an entrepreneurial career within the field.

Required Courses	Credits
FIW 101 Introduction to Woodworking	8
FIW xxx Furniture I, Frame Joinery	5
FIW xxx Furniture II, Carcass & Chair	5
Total Credits	18

Certificate

Joiner

This certificate is designed for students who desire to show evidence of their knowledge of the skills required in order to seek employment within an existing furniture-making business.

Required Courses	Credits
FIW 101 Introduction to Woodworking	8
FIW xxx Furniture I, Frame Joinery	5
FIW xxx Furniture II, Carcass & Chair	5
FIW xxx Furniture III	6
FIW 206 Chairmaking	4
Total Credits	28

Certificate

Artisan

The artisan of old was the builder of the product. As students progress through this certificate, they come to realize that the builder needs to have an intimate relationship with design. This certificate requires the completion of two particular projects chosen to illustrate the need to combine the building with the designing in the field of custom furniture building. The first project is a workbench and the second the completion of a toolbox. These are designed by the student to fit his or her individual needs. Projects will be judged by a panel of instructors and/or professionals in the field.

Required Courses	Credits
FIW 101 Introduction to Woodworking	8
FIW xxx Lutherie Class (Acoustic, Madolin, Electric, or Violin)	6
FIW 118 Lathe Turning	4
FIW 122 Woodcarving	4
FIW 200 Veneering and Marquetry	4
FIW xxx Furniture I, Frame Joinery	5
FIW xxx Furniture II, Carcass & Chair	5
FIW xxx Furniture III	6
Total Credits	42

Certificate

Post-Degree Master Craftsman

This certificate expands skills to the level of Master Craftsman. Students are expected to develop individual portfolios that demonstrate their ability to set up and maintain equipment, design and build original pieces, and demonstrate specific skills through presentations from each course. Design skills and drawing proficiency are required. Additional courses may be required. A Master Craftsman designation requires submittal of three pieces to be judged by a board of professional woodworkers and instructors. Preliminary rehearsal submittals are encouraged to establish standards of craftsmanship.

Required Courses	Credits
FIW xxx Guitar Making (2 semesters)	12
FIW 206 Chairmaking (2 semesters)	8
FIW 122 Woodcarving	4
FIW 128 Doormaking	4
FIW 200 Veneering and Marquetry	4
FIW xxx Electives approved by advisor	28
Total Credits	60

A course numbered XXX means that the course is pending approval by the RRCC Curriculum Committee and CCCS.