

Fine Woodworking Degree and Certificates

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.

Associate of Applied Science Degree in:

Fine Woodworking

Certificates:

Woodworking Fundamentals
Craftsman
Cabinetmaker
Joiner
Contemporary Furniture Fundamentals
Fine Furniture Craftsman
Contemporary Furniture Craftsman
Artisan
Post-Degree Advanced Craftsman
Wood Turner
Advanced Turner
Luthier Technician
Luthier Craftsman
Luthier Fundamentals

AAS Degree

Fine Woodworking

The AAS degree in Fine Woodworking combines the skills of using power and hand tools to design and build fine furniture. Students are expected to develop individual portfolios that demonstrate their ability to design and build original and reproduction pieces, and demonstrate specific skills through presentations from each course. An AAS degree designation requires submittal of three pieces to be judged by a board of professional woodworkers and instructors.

The AAS degree includes 15 credits from General Education Courses (See AAS Degree Requirements)

Required Courses	Credits
FIW 101 Introduction to Woodworking	6
FIW 104 Elements of Design	2
FIW 118 Introduction to Turning	3
FIW 125 Wood Finishing	3
(3 credits of special topics finishing classes may be substituted for FIW 125 with the advisor's permission)	
FIW 201 Furniture I, Frame Joinery	4
FIW 202 Furniture II, Carcass & Chair Construction	4
FIW 203 Furniture III, Period Furniture Reproduction	4
(FIW 213 Contemporary Furniture II may be substituted for Furniture III)	
BUS 102 Entrepreneurial Operations	3
FIW 212 Contemporary Furniture making	4
FIW Electives	12
General Education Courses	15
(See AAS Degree Requirements)	
Total Credits	60

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 100 Fundamentals of Woodworking	3
FIW 201 Furniture I, Frame Joinery	4
Total Credits	7

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	6
FIW 201 Furniture I, Frame Joinery	4
FIW 202 Furniture II, Carcass & Chair	4
Total Credits	14

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 that are commonly sought within this field.

Required Courses	Credits
FIW 100 Fundamentals of Woodworking (FIW 101 may be substituted for FIW 100)	3
FIW 128 Doormaking	4
FIW 109 Intro to Cabinetmaking	4
FIW 125 Wood Finishing	3
Total Credits	14

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 or to pursue an entrepreneurial career within the field.

Required Courses	Credits
FIW 101 Introduction to Woodworking	6
FIW 125 Wood Finishing	3
FIW 201 Furniture I, Frame Joinery	4
FIW 202 Furniture II, Carcass & Chair	4
FIW 203 Furniture III, Period Furniture Reproduction	4
(FIW 213 Contemporary Furniture II may be substituted for Furniture III)	
Total Credits	21

Certificate

Contemporary Furniture Fundamentals

This certificate is designed for students who want to explore the design and creative elements of contemporary furniture construction. It is well suited for students that have an understanding of furniture construction and want to expand the possibilities within the contemporary furniture field of fine woodworking.

Required Courses	Credits
FIW 101 Introduction to Woodworking	6
FIW 104 Elements of Design	2
FIW 125 Wood Finishing	3
FIW 201 Furniture I – Frame Joinery	4
FIW 212 Contemporary Furniture Making	4
Total Credits	19

Certificate

Fine Furniture Craftsman

This certificate is designed for students who want to design and build period or contemporary pieces of fine furniture. It is well suited for seeking employment within an existing furniture-making business or to pursue an entrepreneurial career within the field.

Required Courses	Credits
FIW 101 Introduction to Woodworking	6
FIW 104 Elements of Design	2
FIW 118 Introduction to Turning	3
FIW 125 Wood Finishing	3
(3 credits of special topics finishing classes may be substituted for FIW 125 with the advisor's permission)	
FIW 201 Furniture I, Frame Joinery	4
FIW 202 Furniture II, Carcass & Chair Construction	4
FIW 203 Furniture III, Period Furniture Reproduction	4
(Substitutions to Furniture III are possible, but must be approved)	
Total Credits	26

Certificate

Contemporary Furniture Craftsman

This certificate combines the skills of building and the skills of designing in the field of custom furniture building. Students are expected to develop individual portfolios that demonstrate their ability to 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 Contemporary Furniture Craftsman designation requires submittal of three pieces to be judged by a board of professional woodworkers and instructors.

Required Courses	Credits
FIW 101 Introduction to Woodworking	6
FIW 104 Elements of Design	2
ART 121 Drawing I	3
FIW 125 Wood Finishing	3
FIW 118 Introduction to Turning	3
FIW 122 Wood Carving	3
FIW 200 Veneering and Marquetry	3
FIW 201 Furniture I, Frame Joinery	4
FIW 212 Contemporary Furniture I	4
FIW 213 Contemporary Furniture II	4
Total Credits	35

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 building and designing in the field of custom furniture building. Projects will be judged by a panel of instructors and/or professionals in the field.

Required Courses	Credits
FIW 101 Introduction to Woodworking	6
FIW xxx Lutherie Class (Acoustic or electric guitar, Mandolin or Violin)	6
FIW 104 Elements of Design	2
FIW 118 Introduction to Turning	3
FIW 122 Wood Carving	3
FIW 125 Wood Finishing	3
FIW 200 Veneering and Marquetry or Inlay	3
FIW 201 Furniture I, Frame Joinery	4
FIW 202 Furniture II, Carcass & Chair	4
Total Credits	34

Certificate

Post-Degree Advanced Craftsman

This certificate expands skills to the level of Advanced 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. An Advanced 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) (Other instrument building classes may be substituted)	12
FIW 109 Intro to Cabinetmaking	4
FIW 122 Wood Carving	3
FIW 128 Doormaking	4
FIW 200 Veneering and Marquetry or Inlay	3
FIW 201 Furniture I, Frame Joinery	4
FIW 202 Furniture II, Carcass & Chair	4
FIW 203 Furniture III, Period Furniture Reproduction (FIW 213 Contemporary Furniture II may be substituted for Furniture III)	4
FIW 212 Contemporary Furniture	4
FIW xxx Electives approved by advisor	18
Total Credits	60

Certificate

Wood Turner

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	3
FIW 118 Introduction to Turning	3
FIW 119 Intermediate Turning I	3
FIW 120 Intermediate Turning II	3
Total Credits	12

Certificate

Advanced Turner

This certificate is designed for students desiring to achieve proficiency in wood turning. Students who successfully complete this certificate are seeking to begin or have already begun their own woodturning or craft-based businesses.

Required Courses	Credits
FIW 101 Introduction to Woodworking	6
FIW 118 Introduction to Turning	3
FIW 119 Intermediate Turning I	3
FIW 120 Intermediate Turning II	3
FIW 121 Advanced Turning	3
Total Credits	18

Certificate

Luthier Technician

This certificate is design for the student currently employed or seeking employment as a repair and setup technician. It is well suited for luthiers, entrepreneurs and even music store owners.

Required Courses	Credits
FIW 105 Guitar Setup and Repair	3
FIW 175 Spc Topic Adv Instrument Finishing &Setup	3
Total Credits	6

Certificate

Luthier Craftsman

This certificate is for students exploring the possibility of entering the lutherie field. It allows the student to learn skills needed to make a musical instrument thus providing a starting point into the field of lutherie.

Required Courses	Credits
FIW 102, 103, 130, or 131	6
(Special topic Instrument construction classes may be substituted for any of the above classes with advisor's permission)	
Total Credits	6

Certificate

Luthier Fundamentals

As students progress through our rapidly growing Lutherie 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 102 Classical Guitar Making	6
FIW 103 Steel String Guitar Making	6
(Other Instrument building classes may be substituted for FIW 102 or 103)	
FIW 131 Electric Guitar	6
FIW 105 Guitar Repair & Setup	3
FIW 175 Spc Topic Advanced Instrument Finishing	3
FIW 126 French polish	1
FIW xxx Elective	6
Total Credits	31