



ACADEMIA CREMONENSIS
Violin-Making Academy

Certificate Course
Violinmaking



Certificate 01

COMPUTER-AIDED DESIGN (CAD) FOR DESIGN AND VIOLINMAKING WORKSHOP

Workshop

- LAB101
Form creation Credits
3

Conceptual course

- DIS101
Principles Computer Aided Design (CAD) Credits
1
- DIS102
2D drawing techniques for Violinmaker 2
- DIS103
3D drawing techniques for Violinmaker 6
- DIS104
Technical study CAD in old instruments 4



PERIOD

Short Course



DURATION

25 Hours



SCHEDULE

All years
Book



PRICE

€ 500,00

Certificate 02

VIOLIN RIBS ADVANCED TECHNIQUE WORKSHOP

Workshop

- LAB102
Ribs & linings Credits
6
- LAB116
Final cleaning of the white violin 9

Conceptual course

- ACU101
Principles of acoustic physics Credits
2
- ACU102
Acoustic Physics applied to the Violin 4
- LEG101
Tone wood in violin making history 6
- LEG102
Acoustic and mechanical evaluations on wood 4
- TEC102
Chemistry in violin wood 1



PERIOD

Medium
Course



DURATION

70 Hours



SCHEDULE

All years
Book



PRICE

€ 800,00

Certificate 03

VIOLIN NECK AND SCROLL ADVANCED TECHNIQUE WORKSHOP

Workshop

- LAB103
Scroll Credits 8
- LAB108
Neck Credits 8
- LAB116
Final cleaning of the white violin Credits 9

Conceptual course

- STI101
Identification of traditional styles Credits 2
- ATT101
Essential equipment Credits 1
- ATT102
Maintenance and specific sharpening technique Credits 8
- SCU101
Sculpture clay Credits 8
- SCU102
Carving wood Credits 8



PERIOD

Long Course



DURATION

127 Hours



SCHEDULE

All years
Book



PRICE

€ 1650,00

Certificate 04

VIOLIN FINGERBOARD ADVANCED WORKSHOP WITH ELEMENTS OF GEOMETRY

Workshop

- LAB104
Fingerboard Credits 4
- LAB105
Saddles and nuts Credits 1

Conceptual course

- ATT101
Essential equipment Credits 1
- ATT102
Maintenance and specific sharpening technique Credits 8
- MAN105
Cleaning & revision of used fingerboards Credits 10



PERIOD

Short Course



DURATION

39 Hours



SCHEDULE

All years
Book



PRICE

€ 730,00

ACADEMIA CREMONENSIS
Violin-Making Academy

Certificate 05

WOODEN JOINTS WITH A CONCENTRATION IN USE OF THE GLUES

Workshop

- LAB106
Top & Back Joint Credits
8

Conceptual course

- ATT101
Essential equipment Credits
1
- ATT102
Maintenance and specific sharpening technique 8

 PERIOD
Short Course

 DURATION
41 Hours

 SCHEDULE
All years
Book

 PRICE
€ 530,00

Certificate 06

THE PERFECT MODERN NECK SET

Workshop


- LAB107
Neck set Credits
8

Conceptual course

- ATT101
Essential equipment Credits
1
- ATT102
Maintenance and specific sharpening technique 8

 PERIOD
Short Course

 DURATION
45 Hours

 SCHEDULE
All years
Book

 PRICE
€ 540,00

Certificate 07

VIOLIN BODY ADVANCED WORKSHOP WITH A CONCENTRATION IN ARCHINGS, PURFLINGS AND EFFEHOLES

Workshop

	Credits
● LAB109 Top: Outline -Arching -Thickness	8
● LAB110 Bottom: Outline -Arching -Thickness	8
● LAB111 Effe holes	9
● LAB114 Purflings	9
● LAB115 Fluting & edge curvature	7
● LAB116 Final cleaning of the white violin	9

Conceptual course

	Credits
● ACU101 Principles of acoustic physics	2
● ACU102 Acoustic Physics applied to the Violin	4
● ATT101 Essential equipment	1
● ATT102 Maintenance and specific sharpening technique	8
● LEG101 Tone wood in violin making history	1
● LEG102 Acoustic and mechanical evaluations on wood	1



PERIOD

Long Course



DURATION

217 Hours



SCHEDULE

All years
Book



PRICE

€ 2100,00

Certificate 08

EFFEHOLES ADVANCED WORKSHOP WITH ELEMENTS OF DESIGN IN THE ITALIAN TRADITION

Workshop

	Credits
● LAB111 Effe holes	9

Conceptual course

	Credits
● STI101 Identification of traditional styles	2



PERIOD

Short Course



DURATION

38 Hours



SCHEDULE

All years
Book



PRICE

€ 350,00

ACADEMIA CREMONENSIS
Violin-Making Academy

Certificate 09

VIOLIN BASSBAR ADVANCED WORKSHOP WITH ELEMENTS OF ACOUSTIC

Workshop

- LAB112
Bassbar Credits
8

Conceptual course

- ACU101
Principles of acoustic physics Credits
2
- ACU102
Acoustic Physics applied to the Violin 4
- ATT101
Essential equipment 1
- ATT102
Maintenance and specific sharpening technique 8



PERIOD

Medium-
Course



DURATION

47Hours



SCHEDULE

All years
Book



PRICE

€ 700,00

Certificate 10

VIOLIN PURFLING ADVANCED TECHNIQUES

Workshop

- LAB114
Purfilings Credits
9

Conceptual course

- STI101
Identification of traditional styles Credits
2



PERIOD

Short Course



DURATION

38Hours



SCHEDULE

All years
Book



PRICE

€ 350,00

ACADEMIA CREMONENSIS
Violin-Making Academy

Certificate 11

FLUTING OF TOP AND BACK AND PROFILES OF THE EDGES

Workshop

- LAB115
Fluting & edge curvature Credits
7
- LAB116
Final cleaning of the white violin 9

Conceptual course

- STI101
Identification of traditional styles Credits
2
- ATT101
Essential equipment 1
- ATT102
Maintenance and specific sharpening technique 8



PERIOD

Medium
Course



DURATION

75Hours



SCHEDULE

All years
Book



PRICE

€ 830,00

Certificate 12

FINISHING AND CLEANING ADVANCED TECHNIQUES

Workshop

- LAB116
Final cleaning of the white violin Credits
7

Conceptual course

- ATT101
Essential equipment Credits
1
- ATT102
Maintenance and specific sharpening technique 8
- ATT103
Special tools workshop 8



PERIOD

Medium
Course



DURATION

45Hours



SCHEDULE

All years
Book



PRICE

€ 780,00

ACADEMIA CREMONENSIS
Violin-Making Academy

Certificate 13

VIOLIN BRIDGE AND SOUNDPOST WORKSHOP

Workshop

- LAB117
Bridge Credits 2
- LAB118
Soundpost Credits 8

Conceptual course

- ATT101
Essential equipment Credits 1
- ATT102
Maintenance and specific sharpening technique Credits 8
- MAN106
Professional acoustic setting Credits 9
- MAN108
Distinction between the strings in relation to the acoustics Credits 4



PERIOD

Medium Course



DURATION

62Hours



SCHEDULE

All years Book



PRICE

€ 1000,00

Certificate 14

PEGS AND ENDPIN INSTALLATION

Workshop

- LAB120
Button & Pegs Credits 3

Conceptual course

- ATT103
Special tools workshop Credits 8



PERIOD

Short Course



DURATION

20Hours



SCHEDULE

All years Book



PRICE

€ 350,00

ACADEMIA CREMONENSIS
Violin-Making Academy

Certificate 15

MODERN OIL VARNISH TECHNIQUES WORKSHOP

Workshop

- LAB121
Oil-based varnishes Credits
15

Conceptual course

- TEC101
Chemistry in violin varnishes Credits
2



PERIOD

Medium-
Course



DURATION

62Hours



SCHEDULE

All years
Book



PRICE

€ 2100,00

Certificate 19

VIOLINMAKING TOOLS - MAINTENANCE AND SPECIAL TOOLS WORKSHOP

Workshop

- ATT102
Maintenance and specific sharpening technique Credits
8
- ATT103
Special tools workshop 8

Conceptual course

- ATT101
Essential equipment Credits
1



PERIOD

Short Course



DURATION

25Hours



SCHEDULE

All years
Book



PRICE

€ 530,00

ACADEMIA CREMONENSIS
Violin-Making Academy

Certificate 21

VIOLIN AND BOW MAKING PROFESSIONAL MAINTENANCE

Workshop

	Credits
● MAN101 Cleaning the varnish of modern violin	20
● MAN102 Fingerboard cleaning	10
● MAN103 Acoustic setting principles	9
● MAN104 Cleaning the varnish of old violins	20
● MAN105 Cleaning & revision of used fingboards	10
● MAN109 Bow making maintenance	44

Conceptual course

	Credits
● MAN106 Professional acoustic setting	9
● MAN108 Distinction between the strings in relation to the acoustics	4



PERIOD

Long Course



DURATION

241Hours



SCHEDULE

All years
Book



PRICE

€ 3800,00

Certificate 24

WOOD CARVING AND CLAY MODELING WORKSHOP

Workshop

	Credits
● SCU101 Sculpture clay	8
● SCU102 Carving wood	8



PERIOD

Short Course



DURATION

16 Hours



SCHEDULE

All years
Book



PRICE

€ 500,00

ACADEMIA CREMONENSIS
Violin-Making Academy

Certificate 16

FUNDAMENTALS OF ACOUSTICS

Conceptual course

	Credits
● ACU101 Principles of acoustic physics	2
● ACU102 Acoustic Physics applied to the Violin	4
● ACU103 Technologies for acoustic detections	2
● ACU104 Physics laboratory applied to violinmaking	10



PERIOD

Short Course



DURATION

18Hours



SCHEDULE

All years
Book



PRICE

€ 550,00

Certificate 17

COMPUTER AIDED DESIGN (CAD) DRAWING TECHNIQUES FOR VIOLINMAKING

Conceptual course

	Credits
● DIS101 Principles Computer Aided Design (CAD)	1
● DIS102 2D drawing techniques for Violinmaker	2
● DIS103 3D drawing techniques for Violinmaker	6
● DIS104 Technical study CAD in old instruments	4



PERIOD

Short Course



DURATION

13Hours



SCHEDULE

All years
Book



PRICE

€ 400,00

Certificate 18

TRADITIONAL STYLES OF ITALIAN VIOLINMAKERS

Conceptual course

	Credits
● ACU101 Principles of acoustic physics	2
● ACU102 Acoustic Physics applied to the Violin	4
● ACU103 Technologies for acoustic detections	2
● ACU104 Physics laboratory applied to violinmaking	10



PERIOD

Short Course



DURATION

18Hours



SCHEDULE

All years
Book



PRICE

€ 550,00

Certificate 20

TONE WOOD - HISTORY AND TECHNOLOGY

Conceptual course

	Credits
● LEG101 Tone wood in violin making history	1
● LEG102 Acoustic and mechanical evaluations on wood	1



PERIOD

Short Course



DURATION

2 Hours



SCHEDULE

All years
Book



PRICE

€ 60,00

Certificate 22

FINE VIOLINS MARKET AND MANAGEMENT OF RELATED COMPANIES

Conceptual course

	Credits
● BUS103 Trade shows and marketing	1
● BUS104 Business of antique violin	10
● BUS106 Violin Making Competitions	4



PERIOD

Short Course



DURATION

15Hours



SCHEDULE

All years
Book



PRICE

€ 450,00

Certificate 23

VARNISH AND WOOD OF THE VIOLIN FOCUSED ON CHEMISTRY AND TECHNOLOGY

Conceptual course

	Credits
● TEC101 Chemistry in violin varnishes	2
● TEC102 Chemistry in violin wood	1



PERIOD

Short Course



DURATION

3 Hours



SCHEDULE

All years
Book



PRICE

€ 100,00

ACADEMIA CREMONENSIS
Violin-Making Academy



ACADEMIA CREMONENSIS CERTIFICATE COURSES

Short courses are useful for continuing professional development, refreshing your knowledge, or exploring a new area of interest. Many of our annual degree programmes are split into courses or modules that can be studied individually.

MAKE THE MOST OF YOUR PRECIOUS TIME!

Now you can attend individual courses in Academia Cremonensis together with other professionals, without being joined to a beginner class. This way you will be able to reach the challenging course objectives in time, and you will also have time to ask all the questions you want! You will find that what our teachers want most is to receive increasingly complex challenges from our Certificate course students.

All courses are designed for professional luthiers or graduate students who want to perfect themselves by updating their construction techniques and have no age limits. These are challenging courses for those who, despite being working independently, have not yet acquired total mastery of materials and equipment. The teachers are those of the Academia Cremonensis Master courses, but in some cases external teachers highly specialized in certain areas, work alongside the teachers to better prepare the students.

WHAT ARE CERTIFICATE COURSES?

Academia Cremonensis offer a diverse range of subjects, including: Advanced Violin-Making, Bow-Making, Advanced Varnish Techniques, Business and Management, and many more.

This can benefit you in various ways:

- Access to Academia Cremonensis professional studies: try a sample of Academia studies, without commitment and for a very convenient price.
- Cremona life: learn about life and start building your network of contacts as a professional in the Capital of Violinmaking.
- Extras: Looking at great Masterpieces of the Italian Tradition, meeting collectors, players and dealers from all over the world who visit regularly the Academia.
- Subject: try out an area of study, including new ones that you haven't had the chance to study at another violinmaking school.
- Access to Master instrument-makers and Lecturers: hear from and be able to speak to subject experts.
- Teaching: experience the different teaching methods used by Academia Cremonensis teachers.

CAREER PROSPECTS

Objectives

- Enhance all the phases of the violinmaking process by:
 - The application of traditional techniques
 - Players-centered design solutions
 - Creation of a personal method.
- Develop an eye that recognizes key details in historical instruments
- Learn about the technological properties of the wood and the production costs of an instrument to take the best decisions in the course of its development.

COMPETENCES

- Ability to create an instrument wit Academia Cremonensis style, from the conceptual phase to the technical development.
- Ability to apply the knowledge acquired from the selection of materials, to the transformation in all processes.
- Ability to use the instruments built at school as a validation tool for personal projects.

JOB OPPORTUNITIES

Combining both academic and work-based skills, your foundational degree is a gateway to some exciting options. If you've enjoyed your course you might decide to top up your degree with another year's study, or you may prefer to take your skills straight into the workplace.

If you are considering to start your career, many employers will value the vocational focus of your foundational degree, and the practical skills and experience you can bring.