



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	Duration	Schedule	Price
Short Course	25 Hours	All years Book	€ 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	Duration	Schedule	Price
Medium Course	70 Hours	All years Book	€ 800,00

VIOLIN NECK AND SCROLL ADVANCED TECHNIQUE

Workshop

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

Conceptual course

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

Period	Duration	Schedule	Price
Long Course	127 Hours	All years Book	€ 1650,00

VIOLIN FINGERBOARD ADVANCED WORKSHOP WITH ELEMENTS OF GEOMETRY

Workshop

	Credits
● LAB104 Fingerboard	4
● LAB105 Saddles and nuts	1

Conceptual course

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

Period	Duration	Schedule	Price
Short Course	39 Hours	All years Book	€ 730,00

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	Duration	Schedule	Price
Long Course	217 Hours	All years Book	€ 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	Duration	Schedule	Price
Short Course	38 Hours	All years Book	€ 350,00

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

Duration

Schedule

Price

Medium-
Course

47Hours

All years
Book

€ 700,00

Certificate 10

VIOLIN PURFLING ADVANCED TECHNIQUES

Workshop

● LAB114
Purfilings

Credits

9

Conceptual course

● STI101

Identification of traditional styles

Credits

2

Period

Duration

Schedule

Price

Short Course

38Hours

All years
Book

€ 350,00

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

VIOLIN BRIDGE AND SOUNDPOST WORKSHOP

Workshop

	Credits
● LAB117 Bridge	2
● LAB118 Soundpost	8

Conceptual course

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

Period	Duration	Schedule	Price
Medium Course	62Hours	All years Book	€ 1000,00

PEGS AND ENDPIN INSTALLATION

Workshop

	Credits
● LAB120 Button & Pegs	3

Conceptual course

	Credits
● ATT103 Special tools workshop	8

Period	Duration	Schedule	Price
Short Course	20Hours	All years Book	€ 350,00

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

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

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	Duration	Schedule	Price
Short Course	18Hours	All years Book	€ 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	Duration	Schedule	Price
Short Course	13Hours	All years Book	€ 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	Duration	Schedule	Price
Short Course	18Hours	All years Book	€ 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	Duration	Schedule	Price
Short Course	2 Hours	All years Book	€ 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	Duration	Schedule	Price
Short Course	15Hours	All years Book	€ 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	Duration	Schedule	Price
Short Course	3 Hours	All years Book	€ 100,00

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.

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. In addition to the Master teachers of Academia Cremonensis, there will be external teachers highly specialized in specific areas, offering the best academic preparation.

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:

- To 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, musicians 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.
- Dialogue 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.