



THE L. B. CRABB SCHOOL OF PIANO TECHNOLOGY



A Division of L. B. Crabb & Associates
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www.lbcrabbpiano.com - pianotechscool@lbcrabbpiano.com

G200 - Advanced Piano Tuning and Grand Piano Technology

DESCRIPTION

This course refines and adds to the student's basic tuning knowledge and skills and introduces the grand piano with its special design & differences from the vertical piano.

Special repair and grand regulation techniques are taught. This course is necessary to properly service and rebuild the grand piano. The student will demonstrate the skills and knowledge acquired through attendance and interaction during classroom lectures & labs, the completion of individual lab projects and the rebuilding of his/her grand project piano.

CURRICULUM

Introduction

- Grand piano terminology
- Grand piano design
- Development of the grand action and the "grand" piano

Tuning

- Advanced theory
- Refinements to equal temperament
- Analyzing the stretch factor for each piano
- Perfecting tuning hammer technique, pin & string setting
- Special techniques for tuning the grand piano
- Voicing the hammers
- Other tuning temperaments
- Special tuning topics and considerations

Technical

- Design & nomenclature of the grand piano
- Discovering the differences in the grand & the vertical actions
- Special repairs relating to grands
- Regulating the keys & action of the grand piano
- Regulating the pedals & pedal trapwork
- Rebuilding the grand project piano

(G200/2)

Other

- Ordering parts & supplies
- Developing business contacts
- Developing industry contacts
- Bidding for contract work
- Further training & continuing PianoTech education



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Hours Needed to Complete this Course

- This Course: Lecture hours 175 *
- Additional Project hours 400 **

* (Theory, Lecture & Instructional Lab project hours are performed at the school and in the school's shop.)

** (Additional hours will be needed for home reading assignments, practice tuning and work on the project piano. This time varies with each student.)

Tuition for this Course

\$ 4,000 (Financing can be arranged.)

Tuition includes:

- instruction: "one-on-one" & classroom
- off-site tutoring & evaluations
- special tuning seminars & discussions with other tuners
- special handouts & progress evaluations
- home-study materials with exams
- video & audio tapes loan program
- use of grand project piano
- use of modern shop tools and facilities
- AND, post-graduate access to school for advice and guidance

(Notes:)

- Additional tools, books & supplies may be purchased at a student discount.
- When the project piano belongs to the student, the student must pay for replacement parts and supplies, which can be purchased at the student discount.

General

A Diploma will be presented to each student who successfully completes this course.