

## 22306VIC VIC Certificate IV in Musical Instrument Making and Repair



### Course Information Brochure Description of Course

#### Activities/tasks

Students begin by completing an extensive OH&S program, incorporating theory and workshop induction. Over the year, students learn to make a bolt-on electric guitar, a dreadnaught style acoustic guitar and design a custom instrument of their choice. The course covers hand carving and the use and maintenance of hand and power tools necessary for construction, and gives vital hands-on experience.

As part of the course, students learn to complete perspective drawings, isometric and concept drawings and use these skills to develop a product range. They also learn to generate computer aided drawings, develop custom logos for their instruments and inlays, and create custom templates and jigs. The course also covers an introduction to computer controlled cutting and milling machines and laser cutters. Students are introduced to string instrument setup from guitar to ukulele to violins. Students also learn how to improve instrument function, the physics of sound, as well as the development of a business plan. Industry visits are a part of the course and all students must complete a work placement at our industry partners as part of the program. This is organised by NCAT.

#### Assessment

Successful completion of the course requires 95% attendance. Students will be required to complete three instruments and all set work as well as the work placement. The assessment of overall competence at this certificate level will be undertaken by a qualified assessor and your competence judged using all of these criteria. All training resources will be provided upon payment and enrolment.

Students will be given a fair and adequate assessment process including the option of an assessment re-sit. If students are not yet competent after the re-sit a fee will be charged, this will be the same as for RPL.

#### Eligibility and prerequisites

There are no prerequisites though the completion of the 22305VIC Certificate III in Musical Instrument Making & Maintenance would be an advantage.

#### Course Contents

Unit Code	Unit Title
BSBCM402	Implement effective communication strategies (Core Unit)
BSBSMB402	Plan small business finances
BSBSMB404	Undertake small business planning
CUVACD303A	Produce technical drawings
CUVPHI302A	Capture photographic images
MSFDN5001	Generate and transfer complex computer-aided drawings and specifications
MSFDN4003	Produce patterns and/or templates
MSAENV472B	Implement and monitor environmentally work practices (Core Unit)
MSAPMOHS200A	Work safely (Core Unit)
MSAPMSUP102A	Communicate in the workplace
MSFGN2001	Make measurements and calculations (Core Unit)
MSAPMSUP383A	Facilitate a team (Core Unit)
MSFDN4002	Produce line and component production drawings
MSFFM4001	Hand carve wood to custom design
MSFFT5008	Develop, trial and evaluate prototypes
VU21821	Develop and update musical products industry knowledge (Core Unit)
VU21822	Manufacture acoustic guitar
VU21823	Manufacture electric guitar
VU21829	Repair acoustic guitars
VU21830	Repair electric guitars
TLID2003A	Handle dangerous goods/hazardous substances (Core Unit)

### **Benefits of this training**

Students learn to manufacture, repair and maintain their own guitar and can go on to work in the industry or set up their own business.

### **Pathways**

Students completing the program at Certificate IV level can work in the guitar making industry. Job prospects after the course are employment at Maton Guitars, Cole Clark, or with independent makers, setting up your own business repairing and making instruments, or working in the music wholesale and retail sector with specialisation in repair. Higher Education pathways could be in Industrial Design or computer aided coding for manufacturing.

### **Course Fees**

Students may be eligible for government funding. If a student is eligible then materials charges are \$2,500. If not, then full training costs and materials charges are \$9,500. Specialist hardware and materials costs for the custom build are the students' responsibility. Students must pay in full on enrolment day to secure their place in the class. No time plan payment is available.

### **Length of the Course**

The course runs four days per week from mid-February to mid-November.

### **Enrolment Process**

After initial inquiries and student suitability has been assessed via phone contact. Suitable candidates are shortlisted.

Interviews and the formal application process with the designated college officer occur over third term in the year prior to the course commencing. Places in the course are formally offered at that time.

### **Please note:**

**For details regarding Access, Equity, Privacy Policy, Refunds Policy, Student Conduct, Welfare Services and Complaints Policy please see the General & VET Student Handbook.**