

WINDOW AND DOOR FABRICATOR

ALSO KNOWN AS:

ALUMINIUM JOINER

WINDOW ASSEMBLER

FENESTRATION TECHNICIAN

FRAMING THE FUTURE, ONE WINDOW AT A TIME.

As a Window and Door Fabricator, you'll be the mastermind behind the scenes, crafting the very portals through which we view the world. It's a job that truly reflects on your skills and precision.

KEY SKILLS

Skills which may benefit anyone considering a job as a window and door fabricator include:

- ☑ Attention to detail
- ☑ Precision
- ☑ Technical comprehension
- ☑ Manual dexterity
- ☑ Problem solving

CAREER PROGRESSION

In this role, you may have the opportunity to progress to other positions. Career progression opportunities include:

- Team Leader
- Business Manager
- CNC Machinist
- Production Planner

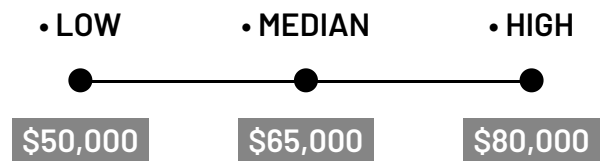
VALUES & ATTRIBUTES

Values and attributes of anyone considering a job as a window and door fabricator include:

- ☑ Craftsmanship
- ☑ Efficient
- ☑ Team Player
- ☑ Reliable
- ☑ Safety-conscious
- ☑ Realistic - "Do-er"

SALARY EXPECTATION

The expected salary for a Window and Door Fabricator can vary across different areas of manufacturing and may vary as you become more experienced.



RELATED INDUSTRIES

- ▶ Furniture and Other Products

RECOMMENDED SCHOOL SUBJECTS

- Building and Construction Skills
- Engineering Skills

CORE SCHOOL SUBJECTS

- General Mathematics
- Essential English
- Furnishing Skills

JOB OVERVIEW

Window and Door Fabricators play a crucial role in the construction and renovation industries. They are responsible for creating custom-made aluminium window frames and doors that meet specific architectural designs and client requirements. Their work contributes significantly to the energy efficiency, aesthetics, and functionality of buildings, both residential and commercial.

These skilled craftspeople use a variety of specialised tools and equipment, including cutting machines, drills, and assembly jigs. They must possess a keen eye for detail, strong mathematical skills for precise measurements, and the ability to read and interpret technical drawings. Physical stamina is also important, as the job often involves lifting heavy materials and standing for long periods.

In a typical day, a window and door fabricator might measure and cut aluminium profiles, assemble frame components, install hardware such as locks and hinges, and ensure the quality of the finished product. They may also collaborate with glaziers, architects, and construction managers to ensure that the windows and doors meet building codes and customer specifications.

WHAT WILL YOU DO?

In this role, your duties may include:

1. Cut and shape aluminium profiles according to specifications
2. Assemble window and door frames using various joining methods
3. Install hardware components such as locks, handles, and hinges
4. Conduct quality checks to ensure products meet standards
5. Interpret technical drawings and work orders

HOW TO BECOME A WINDOW AND DOOR FABRICATOR

Becoming a Window and Door Fabricator typically doesn't require formal qualifications to start, but completing an apprenticeship or vocational training can be advantageous. Here are the steps you might take to enter this role:

1. Complete high school education, focusing on subjects like mathematics, physics, and technical drawing you could also complete a Certificate II in Furniture Making Pathways (MSF20522)
2. Gain basic knowledge of construction and manufacturing processes
3. Apply for entry-level positions with window manufacturing companies or look for employers seeking an apprentice
4. Gain on-the-job experience and continue to develop skills through industry training courses

VOCATIONAL EDUCATION & TRAINING

An apprenticeship with a manufacturer is the best pathway to gain employment as a Window and Door Fabricator. You can undertake the following qualifications as an apprenticeship:

- Certificate III in Glass and Glazing (MSF30422)

As an apprentice you will combine work with formal training, allowing you to gain practical skills and knowledge in a specific trade while earning a salary.

Duration: Apprenticeships typically last up to 4 years for full-time participants. Part-time apprenticeships may take longer, depending on the individual's work schedule and training progress.

Work and study combination: As an apprentice, you will work either full-time or part-time while receiving formal training from a Registered Training Organisation (RTO). School-based apprenticeships may be available.

Eligibility: Generally, apprenticeships do not require any formal qualifications to enter, making them accessible to a wide range of individuals, including if you are a school leaver or someone looking to change careers. There are minimum age requirements and there may be other eligibility criteria.

Completion: On completion you will receive a nationally recognised trade qualification, showcasing your skill and experience.

SKILLS, QUALIFICATIONS, ACCREDITATIONS AND LICENCES

Window and door fabricators may choose to pursue other training or certifications, licences and tickets. Qualifications and skills may be required to progress to supervisor or team leader positions.

For those looking to grow into leadership roles or deepen their experience, consider:

- Certificate IV in Glass and Glazing (MSF40418)

UNIVERSITY & HIGHER EDUCATION

University education is not typically required for the role of a Window and Door Fabricator. However, for those looking to advance into management positions or specialise in architectural design, pursuing higher education can be beneficial.

Relevant university programs might include:

- Bachelor of Construction Management or similar
- Bachelor of Architectural Design or similar
- Bachelor of Engineering (majoring in Mechanical or Materials)

These programs provide in-depth knowledge of construction principles, project management, and advanced materials science. Skills gained through these courses can lead to roles such as Construction Manager, Architectural Designer, or Materials Engineer, allowing for career progression beyond fabrication.