

# AGWA Training Schedule 2022

## February

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Wednesday 23/2/22	Window Essentials Azuma	FTF	8.30 am – 4.00 pm
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## March

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Tuesday 1/3/22	Intermediate Fenestration		
5 sessions 1/3, 3/3, 8/3, 10/3, 15/3		Web delivery	1 pm – 3.30 pm
Wednesday 16/3/22	Introduction AS 1288	Web delivery	1 pm – 4.00 pm
Wednesday 23/3/22	Advanced AS 1288	Web delivery	1 pm – 4.30 pm
Wednesday 30/3/22	Window Essentials Azuma	FTF	8.30 am – 4.00 pm

## May

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Wednesday 4/5/22	Advanced AS 1288	Web delivery	1 pm – 4.30 pm
Tuesday 10/5/22	Intermediate Fenestration		
5 sessions 10/5, 12/5, 17/5, 19/5, 24/5		Web delivery	1 pm – 3.30 pm

## June

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Wednesday 1/6/22	Introduction AS 1288	Web delivery	1 pm – 4.00 pm
Tuesday 7/6/22	Advanced Commercial Fenestration		
5 sessions 7/6, 9/6, 16/6, 21/6, 23/6		Web delivery	1 pm – 2.30 pm
Wednesday 22/6/22	Advanced AS 1288	Web delivery	1 pm – 4.30 pm
Wednesday 29/6/22	Window Essentials Azuma	FTF	8.30 am – 4.00 pm

## July

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Tuesday 12/7/22                      **Intermediate Fenestration**  
5 sessions 12/7, 14/7, 19/7, 21/7, 26/7                      Web delivery                      1 pm – 3.30 pm

Wednesday 27/7/22                      **Introduction AS 1288**                      Web delivery                      1 pm – 4.00 pm

## August

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Wednesday 10/8/22                      **Advanced AS 1288**                      Web delivery                      1 pm – 4.30 pm

## September

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Tuesday 6/9/22                      **Intermediate Fenestration**  
5 sessions 6/9, 8/9, 13/9, 15/9, 20/9                      Web delivery                      1 pm – 3.30 pm

Wednesday 7/9/22                      **Introduction AS 1288**                      Web delivery                      1 pm – 4.00 pm

Wednesday 28/9/22                      **Window Essentials Azuma**                      FTF                      8.30 am – 4.00 pm

Thursday 29/9/22                      **Advanced AS 1288**                      Web delivery                      1 pm – 4.30 pm

## October

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Wednesday 12/10/22                      **Introduction AS 1288**                      Web delivery                      1 pm – 4.00 pm

Tuesday 18/10/22                      **Intermediate Fenestration**  
5 sessions 18/10, 20/10, 25/10, 27/10, 1/11                      Web delivery                      1 pm – 3.30 pm

## November

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Thursday 3/11/22                      **Advanced AS 1288**                      Web delivery                      1 pm – 4.30 pm

Tuesday 8/11/22                      **Advanced Commercial Fenestration**  
5 sessions 8/11, 10/11, 15/11, 17/11, 22/11                      Web delivery                      1 pm – 2.30 pm

# COURSE DESCRIPTIONS

## **AS 1288 INTRODUCTION – INSTRUCTOR LED**

Australian Standard 1288: 2021 Glass in Buildings - Selection and Installation is of vital importance to the Window and Door Industry. Interpreting and understanding the content of the Standard can be difficult so this course is designed to help those working in the glass and window industry who need to ensure compliance with this Standard, by covering the basics of the standard in Sections 1, 2, 3, 4, 5 and 8. This includes the scope of the Standard; materials and definitions; glass selection; human impact; and installation. The modules include detailed explanations, diagrams and examples to help understand the complexities of the Standard.

MODULES include information on:

- The scope of AS 1288
- Materials and definitions
- Glass selection
- Human impact
- Installation

Access to a copy of AS 1288: 2021 and the Supplement is required to complete this training. At the end of the session, an assessment issued to you to complete in your own time. Once successfully completed, a certificate will be issued.

*Note: Section 6 - Sloped Overhead Glazing; Section 7 - Balustrades; Section 9 Framed, Unframed and Partly Framed Glass Assemblies are only briefly covered in this training. For more in-depth coverage of these Sections of AS 1288, please see AS 1288 Advanced course below.*

Course duration: 3 hours over 1 session.

Cost: Members \$330 (inc GST); Non-Members \$440 (inc GST)

*Please note if you prefer to do this course in your own time and at your own pace please see AS 1288 On Demand courses for an online version of the AS 1288 Introduction course.*

## **AS 1288 ADVANCED – INSTRUCTOR LED**

The AS 1288 Advanced instructor led course builds upon the AS 1288 Introduction Course. This course concentrates on the more advanced sections (6, 7 and 9) of the Standard, which focus on overhead glazing, balustrades and barriers, and unframed and partly framed glazing.

This Advanced course was extensively updated recently to reflect changes made by AS 1288: 2021. Some of these changes in Section 6 are to assess and resolve load requirements, new charts and tables added and new DTS guidelines included. Other changes made to Section 7 include resolving ambiguity around interlinking handrails, new test methods for glass balustrades and information on post-breakage performance. In addition, many more worked examples have been included by our experts to help navigate the complexities of these Sections and ensure compliance.

In addition to the trainer, an experienced industry engineer attends each course to answer questions regarding the application of the AS 1288 to these more complex situations.

Access to a copy of AS 1288: 2021 and the Supplement is required to complete this training. At the end of the session, an assessment issued to you to complete in your own time. Once successfully completed, a certificate will be issued.

MODULES include information on:

- Sloped overhead glazing
- Worked examples in non-residential locations
- Balustrades
- Barriers
- Worked examples
- Testing in Appendices H and I
- Unframed and partly framed glass assemblies
- Formulas and worked examples

Course duration: 3.5 hours over 1 session.

Cost: Members \$330 (inc GST); Non-Members \$440 (inc GST)

### **INTERMEDIATE FENESTRATION – INSTRUCTOR LED**

This course explores the design, fabrication and installation of windows, outlining the principles associated with technology, water penetration, day lighting, energy and acoustics, properties and characteristics of materials, relevant Australian Standards and their links with the National Construction Code.

This course is suitable for internal and external sales personnel and R&D staff who have a minimum of 12 months' experience. This course is also suited to window resellers, building designers, architects and those who have been in the industry for many years and wish to update and reinforce their knowledge with the latest industry and product developments.

This course is ideal for people who want to better understand the principles of window design, fabrication and installation by gaining more knowledge on the performance of window materials, in particular for effective acoustic and energy efficiency and their impact in energy rating software tools. In addition, people will gain an appreciation for all the national Regulations, Codes and Standards that apply and the role of NATA Accreditation and the auditing process.

Upon enrolment you will receive An Intermediate Fenestration Training Manual, Fenestration resources and a copy of the "Your Home" Technical Manual are mailed to participants on USB prior to commencing the course. At the end of the last session, an assessment issued to you to complete in your own time. Once successfully completed, a certificate will be issued.

MODULES include information on:

- Glass
- Aluminium; Timber; uPVC and Other
- Hardware; Sealants and Gaskets; Installation and Maintenance
- Legal Requirements and Standards
- Energy; Acoustics; Accreditation

Course duration: 5 sessions, 2.5 hours each over 3 weeks or 2 full days

Cost: \$825 (inc GST) for Members; \$1195 (inc GST) for Non-Members.

## **ADVANCED FENESTRATION COMMERCIAL – INSTRUCTOR LED**

This course for the window and building industries is specifically designed for the commercial sector (BCA Class 5-9 buildings). The course concentrates on the design, fabrication and installation of commercial window systems, outlining the principles associated with technology, water penetration resistance, energy efficiency, sealing, relevant Australian Standards, the National Construction Code and contracts.

This course is designed for personnel from all areas of the commercial sector of the window industry who have more than 12 months' experience. Participants should have completed the Intermediate Fenestration Course or have extensive experience in the Fenestration Industry in order to complete this course. Participants will gain a better understanding of commercial window design, fabrication and installation by learning about the selection and application of glass and specialised fittings required in commercial settings compared to domestic ones. They will also learn about expansion allowances and sealing and be shown how to apply principles of energy efficiency to conform with the NCC. Finally, as commercial building contracts are much more complex, participants will be alerted to potential pitfalls and their obligations under these contracts.

Upon enrolment you will receive a Commercial Fenestration Training Manual, Fenestration resources and a copy of the "Your Home" Technical Manual are mailed to participants on USB prior to commencing the course. At the end of the final session, an assessment issued to you to complete in your own time. Once successfully completed, a certificate will be issued.

MODULES include information on:

- Design Principles
- Engineering Basics and Installation
- Installation and Energy Efficiency (Section J and WERS)
- Glass and specialised fittings
- Estimating, Contracts and Legal Obligations

Course duration: 5 sessions, 2.5 hours each over 3 weeks

Course Cost: \$995 (inc GST) for Members; \$1400 (inc GST) for Non-Members -

## **WINDOW ESSENTIALS**

This one-day course provides an insight into the world of windows. It is run face to face at Azuma Windows in Wetherill Park only and includes information on various types of windows, their pros and cons and hardware options. It discusses an evaluation of the changes that have occurred in both AS 2047 and testing requirements associated, followed by a demonstration of the testing of windows under AS/NZS 4420.1 to comply with AS 2047; demonstration of the testing procedures for fall prevention under AS 5203; hardware testing and best practices for window and door installation.

**Only available to employees of AGWA members**, this course will provide essential information for everyone in the window and door industry and provides an eye-opening insight. AGWA is grateful to Azuma for their support for this member training

**Important note:** Participants must wear covered footwear, not open toe shoes.

Course duration: 1 day (8.30 am-4.00 pm), morning tea and lunch provided. Sponsored by Azuma

Cost: \$195 (inc GST) for Members only