



The Australian Steel Institute

eLearning

Our new eLearning platform has been designed to benefit our members and community stakeholders, covering topics from introductory to more complex materials.



Leadership

Advocacy

Education

Resources

ASI E-learning Courses

Course ID	Course Name	Duration (excl. quiz time)	To Do
W-001	Engineering for Good Fabrication and Erection Outcomes	1 hour 35 mins	<input type="checkbox"/>
W-002	Preparing for Certification to AS/NZS 5131	1 hour	<input type="checkbox"/>
W-003	Berry to Bomaderry Upgrade (use of weathering steel) Case Study (NEW! Available Sept 2022)	1 hour	<input type="checkbox"/>
W-004	Changes AS 4100 and AS/NZS 5131 (Free)	25 mins	<input type="checkbox"/>
W-005	Question & Answer Session for Part 1-3 of the Webinar Series 2020 (Free)	37 mins	<input type="checkbox"/>
E-005	Design of Bolted Connections for Engineers	4 hours 20 mins	<input type="checkbox"/>
E-006	Design of Purlin and Girt Systems for Engineers	3 hours 30 mins	<input type="checkbox"/>
E-007	Corrosion Protection of Steel Structures for Engineers	3 hours 30 mins	<input type="checkbox"/>
E-008	NASH – Essential Steel Framed Housing Guidance	3 hours	<input type="checkbox"/>
E-009	AS 4100 Refresher Course for Engineers	3 hours 30 mins	<input type="checkbox"/>
E-010	Introduction to the Direct Strength Method of Analysis	1 hour 20 mins	<input type="checkbox"/>
E-011	Economical Structural Steelwork – Design, Fabrication and Erection for Engineers	3 hours 40 mins	<input type="checkbox"/>
E-012	Fire and Structural Steelwork	3 hours 50 mins	<input type="checkbox"/>
E-013	Direct Strength Method of Analysis of Cold Formed Steel Structures	3 hours 30 mins	<input type="checkbox"/>

E-014	Design of Hollow Section Members and Connections	4 hours 15 mins	<input type="checkbox"/>
E-015a	Design of Welds and Welded Connections for Engineers – Part 1	3 hours 45 mins	<input type="checkbox"/>
E-015b	Design of Welds and Welded Connections for Engineers – Part 2	2 hours 50 mins	<input type="checkbox"/>
E-015c	Design of Welds and Welded Connections for Engineers – Part 1&2	6 hours 30 mins	<input type="checkbox"/>
E-016	Finite Element Analysis – Guide for Engineers and Managers	3 hours 20 mins	<input type="checkbox"/>
E-017	Connecting Steel to Concrete	3 hours 40 mins	<input type="checkbox"/>
E-018	Compliance and High Strength Bolts - Changes in the Revision of AS/NZS1252:2016	1 hour 50 mins	<input type="checkbox"/>
E-019	Understanding the Metallurgy of Steels	4 hours 30 mins	<input type="checkbox"/>
E-020	Beyond AS 4100	3 hours 30 mins	<input type="checkbox"/>
E-021	Structural Fire Engineering – Cost Effective Solutions	2 hours 45 mins	<input type="checkbox"/>
E-022	Fatigue Design of Steel Structures	3 hours 15 mins	<input type="checkbox"/>
E-023	Design of Portal Frame Buildings	3 hours 20 mins	<input type="checkbox"/>
E-024	Design of Light Gauge Cold-Formed Steel Structures	3 hours 10 mins	<input type="checkbox"/>
E-025	Structural Fire Engineering – Cost Effective Solutions – Short Course	1 hour 20 mins	<input type="checkbox"/>
E-026	Performance Coatings for Steelwork – Corrosion and Fire Protection	45 mins	<input type="checkbox"/>
E-027	Shedsafe Engineering Workshop	3 hours 30 mins	<input type="checkbox"/>
E-028	Design of Composite Beams, Slabs and Columns	2 hours 50 mins	<input type="checkbox"/>
E-029	Design of Bins, Tanks and Silos	5 hours 50 mins	<input type="checkbox"/>
E-030	Structural Steelwork Compliance - Tools to Minimise risk (Free)	1 hour 30 mins	<input type="checkbox"/>
E-031	Basics in Understanding Legal Contracts	2 hours 30 mins	<input type="checkbox"/>
E-032	Roll-Formed Steel Building Products	2 hours 30 mins	<input type="checkbox"/>
E-033	Steel in Bushfires (Free)	2 hours	<input type="checkbox"/>
E-034	Ascertaining the Compliance of structural steel to meet Australian Standards and the NCC (Free)	1 hour	<input type="checkbox"/>
E-035	Design of Insulated Sandwich Panels	2 hours 15 mins	<input type="checkbox"/>
E-036a	Steel Supply Chain Induction Series: Induction to Steel – The Fundamentals (NEW! Available Oct 2022)	3 hours 52 mins	<input type="checkbox"/>

E-036b	Steel Supply Chain Induction Series: Induction to Steel – Fundamentals Extended (NEW! Available Oct 2022)	6 hours 14 mins	<input type="checkbox"/>
E-036c	Steel Supply Chain Induction Series: Induction to Steel – Basics (NEW! Available Oct 2022)	1 hour 30 mins	<input type="checkbox"/>
E-036d	Steel Supply Chain Induction Series: Induction to Steel – Extended version only (NEW! Available Oct 2022)	2 hours 20 mins	<input type="checkbox"/>
E-036e	Steel Supply Chain Knowledge Series: Introduction to the Steel Supply Chain (Free) (NEW! Available Nov 2022)	12 mins	<input type="checkbox"/>
E-036f	Steel Supply Chain Knowledge Series: Steel and Steel Making (NEW! Available Nov 2022)	53 mins	<input type="checkbox"/>
E-036g	Steel Supply Chain Knowledge Series: The Metallurgy of Steel (NEW! Available Nov 2022)	35 mins	<input type="checkbox"/>
E-036h	Steel Supply Chain Knowledge Series: The Engineering Properties of Steel (NEW! Available Nov 2022)	35 mins	<input type="checkbox"/>
E-036i	Steel Supply Chain Knowledge Series: Structural Steel Types (NEW! Available Nov 2022)	35 mins	<input type="checkbox"/>
E-036j	Steel Supply Chain Knowledge Series: The Steel Supply Chain (NEW! Available Nov 2022)	75 mins	<input type="checkbox"/>
E-036k	Steel Supply Chain Knowledge Series: Steel Quality and Compliance (NEW! Available Nov 2022)	75 mins	<input type="checkbox"/>
E-036l	Steel Supply Chain Knowledge Series: Steel Structures – An Introduction (NEW! Available Nov 2022)	60 mins	<input type="checkbox"/>
E-036m	Steel Supply Chain Knowledge Series: Steel Structures – Beyond the Basics (NEW! Available Nov 2022)	35 mins	<input type="checkbox"/>
E-037	Optimising the Design of Structural Hollow Sections & Minimise Failure	2 hours 40 mins	<input type="checkbox"/>
E-038	An Introduction to Cold-formed Light Gauge Steel and Detailing	2 hours	<input type="checkbox"/>
E-039	Design of Hybrid Sheds	4 hours 15 mins	<input type="checkbox"/>
E-040	Design of Steel Structures for Materials Handling (AS4324.1) (NEW! Available Sept 2022)	1 hour	<input type="checkbox"/>
E-041	The Updated Australian Wind Codes and their Impact on Steel Structures 2022 (NEW! Available Oct 2022)	4 hours	<input type="checkbox"/>
E-041a	Wind Loads for Housing – Application of AS 4055 (NEW! Available Nov 2022)	1 hour 15 mins	<input type="checkbox"/>
E-042	Performance Solutions and the NCC (NEW! Available December 2022)	3 hours	<input type="checkbox"/>
E-043	Bolting eCourse (coming early 2023)	TBC	<input type="checkbox"/>
E-044	Corrosion Prevention of Steel Products (coming early 2023)	TBC	<input type="checkbox"/>