



# 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 Now 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 (coming soon end 2022)	TBC	<input type="checkbox"/>

E-036b	Steel Supply Chain Induction Series: Induction to Steel – Fundamentals Extended (coming soon end 2022)	TBC	<input type="checkbox"/>
E-036c	Steel Supply Chain Induction Series: Induction to Steel – Basics (coming soon end 2022)	TBC	<input type="checkbox"/>
E-036d	Steel Supply Chain Induction Series: Induction to Steel – Extended version only (coming soon end 2022)	TBC	<input type="checkbox"/>
E-036e	Steel Supply Chain Knowledge Series: Introduction to the Steel Supply Chain (Free) (coming soon end 2022)	TBC	<input type="checkbox"/>
E-036f	Steel Supply Chain Knowledge Series: Steel and Steel Making (coming soon end 2022)	TBC	<input type="checkbox"/>
E-036g	Steel Supply Chain Knowledge Series: The Metallurgy of Steel (coming soon end 2022)	TBC	<input type="checkbox"/>
E-036h	Steel Supply Chain Knowledge Series: The Engineering Properties of Steel (coming soon end 2022)	TBC	<input type="checkbox"/>
E-036i	Steel Supply Chain Knowledge Series: Structural Steel Types (coming soon end 2022)	TBC	<input type="checkbox"/>
E-036j	Steel Supply Chain Knowledge Series: The Steel Supply Chain (coming soon end 2022)	TBC	<input type="checkbox"/>
E-036k	Steel Supply Chain Knowledge Series: Steel Quality and Compliance (coming soon end 2022)	TBC	<input type="checkbox"/>
E-036l	Steel Supply Chain Knowledge Series: Steel Structures – An Introduction (coming soon end 2022)	TBC	<input type="checkbox"/>
E-036m	Steel Supply Chain Knowledge Series: Steel Structures – Beyond the Basics (coming soon end 2022)	TBC	<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 now Sept 2022!)	1 hour	<input type="checkbox"/>
E-041	The Updated Australian Wind Codes and their Impact on Steel Structures 2022 (coming soon Sept/Oct 2022)	4 hours	<input type="checkbox"/>
E-042	Performance Solutions and the NCC (coming end Oct 2022)	TBC	<input type="checkbox"/>
E-043	Bolting eCourse (coming end Oct 2022)	TBC	<input type="checkbox"/>
E-044	Corrosion Prevention of Steel Products (coming Nov 2022)	TBC	<input type="checkbox"/>