



# The Australian Steel Institute

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



Leadership

Advocacy

Education

Resources

## ASI E-learning Courses

Course ID	Course Name	Duration (excl. quiz time)
W-001	<a href="#">Engineering for Good Fabrication and Erection Outcomes</a>	1 hour 35 mins
W-002	<a href="#">Preparing for Certification to AS/NZS 5131</a>	1 hour
W-003	<a href="#">Case Study: Berry to Bomaderry Upgrade (use of weathering steel)</a>	1 hour
W-004	<a href="#">Changes to AS 4100 and AS/NZS 5131</a>	25 mins
W-005	<a href="#">Question &amp; Answer Session for Part 1-3 of the Webinar Series 2020 (members free)</a>	37 mins
E-005	<a href="#">Design of Bolted Connections for Engineers</a>	4 hours 20 mins
E-006	<a href="#">Design of Purlin &amp; Girt Systems for Engineers</a>	3 hours 30 mins
E-007	<a href="#">Corrosion Protection of Steel Structures for Engineers</a>	3 hours 30 mins
E-008	<a href="#">NASH – Essential Steel Framed Housing Guidance</a>	3 hours
E-009	<a href="#">AS 4100 Refresher Course for Engineers</a>	3 hours 30 mins
E-010	<a href="#">Introduction to the Direct Strength Method of Analysis</a>	1 hour 20 mins
E-011	<a href="#">Economical Structural Steelwork - Design, Fabrication and Erection</a>	3 hours 40 mins
E-012	<a href="#">Fire and Structural Steelwork</a>	3 hours 50 mins
E-013	<a href="#">Direct Strength Method of Analysis of Cold Formed Steel Structures</a>	3 hours 30 mins
E-014	<a href="#">Design of Hollow Members and Connections</a>	4 hours 15 mins

E-015a	<a href="#">Design of Welds and Welded Connections for Engineers Part 1</a>	3 hours 45 mins
E-015b	<a href="#">Design of Welds and Welded Connections for Engineers Part 2</a>	2 hours 50 mins
E-015c	<a href="#">Design of Welds and Welded Connections for Engineers Part 1 &amp; 2</a>	6 hours 30 mins
E-016	<a href="#">Finite Element Analysis - Guide for Engineers and Managers</a>	3 hours 20 mins
E-017	<a href="#">Connecting Steel to Concrete</a>	3 hours 40 mins
E-018	<a href="#">Compliance and High Strength Bolts - Changes in the Revision of AS/NZS1252:2016</a>	1 hour 50 mins
E-019	<a href="#">Understanding the Metallurgy of Steels</a>	4 hours 30 mins
E-020	<a href="#">Beyond AS 4100</a>	3 hours 30 mins
E-021	<a href="#">Structural Fire Engineering – Cost Effective Solutions</a>	2 hours 45 mins
E-022	<a href="#">Fatigue Design of Steel Structures</a>	3 hours 15 mins
E-023	<a href="#">Design of Portal Frame Buildings</a>	3 hours 20 mins
E-024	<a href="#">Design of Light Gauge Cold-Formed Steel Buildings</a>	3 hours 10 mins
E-025	<a href="#">Structural Fire Engineering – Cost Effective Solutions – Short Course</a>	1 hour 20 mins
E-026	<a href="#">Performance Coatings for Steelwork – Corrosion and Fire Protection</a>	45 mins
E-027	<a href="#">Shedsafe Engineering Workshop</a>	3 hours 30 mins
E-028	<a href="#">Design of Composite Beams, Slabs and Columns</a>	2 hours 50 mins
E-029	<a href="#">Design of Bins, Tanks and Silos</a>	5 hours 50 mins
E-030	<a href="#">Structural Steelwork Compliance - Tools to Minimise Risk (Members free)</a>	1 hour 30 mins
E-031	<a href="#">Basics in Understanding Legal Contracts</a>	2 hours 30 mins
E-032	<a href="#">Roll Formed Steel Building Products</a>	2 hours 30 mins
E-033	<a href="#">Steel in Bushfires (Members free)</a>	2 hours
E-034	<a href="#">Ascertaining the compliance of structural steel to meet Australian Standards and the NCC (free)</a>	1 hour
E-035	<a href="#">Design and Installation of Insulated Sandwich Panels</a>	2 hours 15 mins
E-036a	<a href="#">Steel Supply Chain Induction Series: Induction to Steel – The Fundamentals</a>	3 hours 52 mins
E-036b	<a href="#">Steel Supply Chain Induction Series: Induction to Steel – Fundamentals Extended</a>	6 hours 14 mins
E-036c	<a href="#">Steel Supply Chain Induction Series: Induction to Steel – Basics</a>	1 hour 30 mins

E-036d	<a href="#">Steel Supply Chain Induction Series: Induction to Steel – Extended only</a>	2 hours 20 mins
E-036e	<a href="#">Knowledge Series Module 1 - Introduction to the Knowledge Series (free)</a>	12 mins
E-036f	<a href="#">Knowledge Series Module 2 - Steel and Steel Making</a>	53 mins
E-036g	<a href="#">Knowledge Series Module 3 - The Metallurgy of Steel</a>	35 mins
E-036h	<a href="#">Knowledge Series Module 4 - The Engineering Properties of Steel</a>	35 mins
E-036i	<a href="#">Knowledge Series Module 5 - Structural Steel Types</a>	35 mins
E-036j	<a href="#">Knowledge Series Module 6 - The Steel Supply Chain</a>	75 mins
E-036k	<a href="#">Knowledge Series Module 7 - Steel Quality and Compliance</a>	75 mins
E-036l	<a href="#">Knowledge Series Module 8a - Steel Structures - An Introduction</a>	60 mins
E-036m	<a href="#">Knowledge Series Module 8b - Steel Structures - Beyond the Basics</a>	35 mins
E-036n	<a href="#">Knowledge Series Module 9 - Sustainability and Steel</a>	TBC
E-037	<a href="#">Optimising the Design of Structural Hollow Sections &amp; Minimise Failure</a>	2 hours 40 mins
E-038	<a href="#">An Introduction to Cold-formed Light Gauge Steel and Detailing</a>	2 hours
E-039	<a href="#">Design of Hybrid Sheds</a>	4 hours 15 mins
E-040	<a href="#">Design of Steel Structures for Materials Handling (AS4324.1)</a>	1 hour
E-041	<a href="#">The Updated Australian Wind Codes and their Impact on Steel Structures</a>	4 hours
E-041a	<a href="#">Wind Loads for Housing - Application of AS 4055</a>	1 hour 15 mins
E-042	<a href="#">Performance Solutions for the NCC</a>	3 hours
E-043	<a href="#">Introduction to Steel Detailing and Construction Modelling</a>	1 hour 20 mins
E-044	<a href="#">Corrosion Prevention of Steel Products</a>	2 hours 40 mins
E-045	<a href="#">Design of Heavy Crane Runway Girders and Supporting Steel Structures (Minimising risk &amp; improving safety)</a>	2 hours 30 mins
E-046	<a href="#">Design of Roller Doors and Support Structures</a>	1 hour 30 mins