



PROFESSIONAL DEVELOPMENT 2023 courses



Reach your true potential as an engineer.

Communication. Ethics. Leadership.
Project Management. Technical.
Build your skillset to impact people and projects.

Learning Partnerships – Engineering New Zealand

Tēnā koutou e te whānau o Te Ao Rangahau.
Hello and welcome to everyone in our
Engineering New Zealand community.



Courses designed with every engineer in mind.

As the engineering sector continues to face rapid development, we recognise your learning needs will evolve with the change.

In Learning Partnerships, we're here to help you refresh your knowledge and skills, advance your career, and reach your true potential as an engineer. Our vision for the work we do is clear:

"Empower our community to engineer better lives for people by collaborating with experts and building relevant knowledge that enhances engineering capabilities".

To help fulfill this vision and better support you to navigate our professional development learning activities, we're pleased to present you with dates for most of our 2023 courses.

We're excited to continue our popular courses like Project Management for Engineers as well as offer new courses like Fundamentals of Pile Design in Liquefiable and Expansive Soils. Our online and face-to-face mix will

continue, and with Covid restrictions removed, we're pleased we can extend course delivery to more regional locations.

An exciting new initiative for 2023 is our suite of self-guided, online introductory modules that provide an essential learning platform for engineers. Most importantly, they're free for paid members to encourage stress-free access and completion. You won't see these modules listed here because they're self-guided – instead find them at the learning and events page on our website

We're here to help you do amazing things, so engineer your career in 2023 with Engineering New Zealand behind you.

Dr Nick Kimber
Learning Partnerships Manager

Course confirmation

We need a minimum number of registrations before the scheduled course dates are confirmed. We'll aim to make the decision 3–4 weeks ahead of the delivery date.

Questions?

Email learn@engineeringnz.org

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In-house courses for your organisation

If you're interested in any of the above offerings for 10 or more people in your organisation, it may be worth exploring an in-house (private) course.

Perhaps you want to train graduates in Project Management, or a group of new managers need HR training.

We'll do all the work for you to make it happen.

Courses can be customised to the needs of your organisation at a date that suits you and our presenter.

Most courses can be delivered face to face or online. Please note: we don't currently offer hybrid options (face to face and online simultaneously).

Get in touch with us to learn more.
We'd love to chat!

Testimonials

"Encouraging our staff to invest time in their professional development and upskilling is important to us – and Engineering New Zealand has played a big role in making this happen. After identifying our team's training requirements, we worked closely with their Learning Partnerships group to see how they could assist with our in-house training. The beauty of in-house training is the benefit and ease of running courses on key topics to a number of staff, from the comfort of our own office. We look forward to continuing in-house courses through Engineering New Zealand in the future."

– Kirsten Hall, Office Manager, Davis Ogilvie






"Hosting in-house learning through Engineering New Zealand offers broad value to our staff. The Engineering New Zealand team and the course facilitators engage with us to add content more meaningful to our areas of work – this gives our staff the benefits of targeted and bespoke learning alongside the standard course content. The post-course survey and engagement provides a great measure of the course success and staff take-aways which helps ensure year-on-year currency and value"

– Colin Dryland, General Manager, Engineering, Woods

Communication






Specification practice for engineers

Learn best practice specification development and writing principles so that you, your clients and designers (hardware and software) can communicate technical requirements in a clear, unambiguous and structured way.

	4.5 hours
	Online options only
	Piet Beukman
	Members: \$385 pp Non-members: \$450 pp
	14 June 22 August 16 November






Essential business writing

Effective writing is a powerful tool for engineers. Learn how to write in plain English to attract more business and achieve better results for your clients. You'll get best practice tips on how to write concisely across different formats, including in your technical writing, tenders, reports, and correspondence.

	7 hours
	Online options only
	Julia Shallcrass
	Members: \$600 pp Non-members: 730 pp
	1 March 2 June 25 August

Technical report writing






Succinct technical reports make everybody's lives easier. This course will help you as an engineer and technical professional to sharpen your report writing skills so you can be confident you're presenting clear and concise reports that serve their purpose.

	5.5 hours
	Online options only
	Julia Shallcrass
	Members: \$580 pp Non-members: \$700 pp
	26 April 19 July 11 October








Communication – how to influence and persuade

Engineers are expected to be able to negotiate with stakeholders to coordinate efforts. But how can you convince people with diverse goals and backgrounds to willingly collaborate to achieve a great outcome? In this course we'll consider ethical and practical ways that will improve your ability to influence stakeholders' perceptions and persuade them to take goal-directed action.

	3.5 hours
	Online options only
	Gabrielle Duggan
	Members: \$200 pp Non-members: \$300 pp
	15 February 25 October

Dealing with conflict situations






We all encounter challenging situations that require us to have difficult conversations – whether with colleagues or clients. This webinar introduces simple techniques to help deal positively with these conversations.

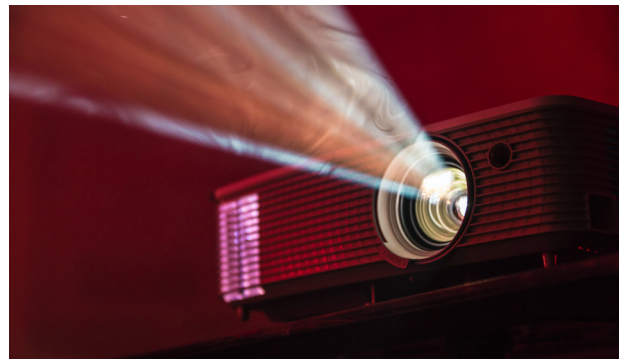
-  1 hour
-  Online options only
-  Sean McLoughney
-  \$90 pp – Screen sharing options available
-  20 April



Presentation skills – structure and delivery

If you have to prepare and deliver a presentation, you'll want it to be engaging, well-structured and create impact with your audience. Our webinar provides top tips and tools to achieve this and reduce your nerves as a presenter.

-  1.5 hour
-  Online options only
-  Sean McLoughney
-  \$145 pp – Screen sharing options available
-  15 June








Construction sites

Temporary works – risk and awareness

Anyone setting up or managing temporary works needs to follow important safety procedures. This course covers the key points on New Zealand law, industry good practice, procedural control, basic design theory, and awareness modules for each of the most common forms of temporary works.



-  7.5 hours
-  Face to face options only
-  Brendan Attewell or Chris Hewitt
-  Members: \$790 pp Non-members: \$900 pp
- 

20 March	Auckland
23 March	Christchurch
10 May	Nelson
11 May	Auckland
22 June	Hamilton
28 June	Wellington
17 July	Christchurch
24 July	Invercargill
25 July	Auckland
15 August	Tauranga
23 August	Wellington
7 September	Auckland
18 September	Hawke's Bay
17 October	Whangarei
31 October	Queenstown
9 November	Auckland
21 November	Taranaki

Piling

Pile design and analysis of single piles

This course will help practitioners from different backgrounds gain a deeper understanding of the most important aspects of pile design and analysis for single piles.



7.5 hours



Online and face to face options



Dr Martin Larisch



Online options

Members: \$630 pp Non-members: \$790 pp

Face to face options

Members: \$790 pp Non-members: \$900 pp



13 April
10 August
30 November

Online
Auckland
Online



New course – Fundamentals of pile design in liquefiable and expansive soils

Learn about the fundamentals and principles of pile design in this pioneering new course. The course covers circumstances where the ground surrounding a foundation pile is subject to large deformations caused by either strength and/or volumetric changes of one or multiple soil layers. Changes can be due to soil liquefaction from shaking during an earthquake, or by shrink/swell behaviour caused by significant variations in soil moisture contents.



7.5 hours



Online and face to face options



Dr Martin Larisch



Online options

Members: \$630 pp Non-members: \$790 pp

Face to face options

Members: \$790 pp Non-members: \$900 pp








2 March
27 April
3 May
4 May
20 July
17 August

Online
Auckland
Wellington
Christchurch
Online
Auckland

Ethics






Ethics at work – practical insights

Explore personal, professional and business ethics. You'll examine the difference between ethics and compliance and how ethical values can enhance business performance and overcome both conduct risk and ethical lapses.

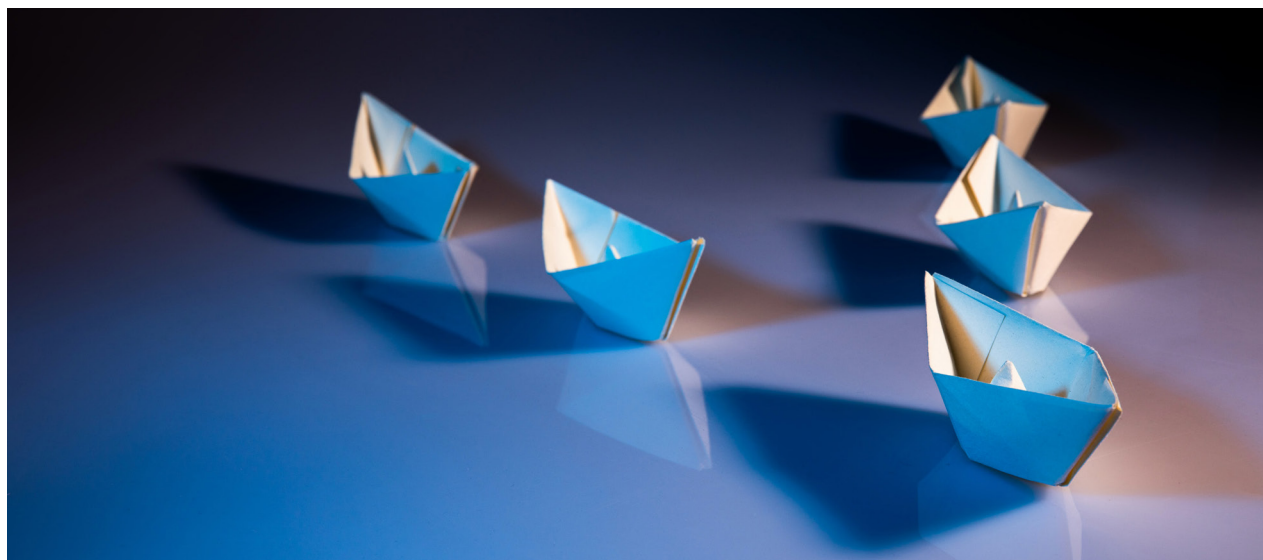
	3 hours	
	Online options only	
	Jane Arnott	
	Members: \$250 pp	Non-members: \$300 pp
	16 February 30 May 12 September	14 March 25 July 1 November

Embedding ethics – masterclass for managers

Whether managing a business, team, or project, as the person in charge – the buck stops with you. You'll learn practical ways to understand and manage bias, communicate ethical expectations, inspire ethical behaviour in dynamic environments and encourage a speak-up culture.






	3 hours	
	Online options only	
	Jane Arnott	
	Members: \$250 pp	Non-members: \$300 pp
	22 February 31 May 13 September	15 March 26 July 2 November

Leadership and people management



Team leadership – delegating your tasks

As a manager or team leader, how you successfully delegate tasks will be a big factor in helping your team realise their full potential. Learn about delegation approaches and the practical tools you can use to delegate tasks for a high performing team.

	3.5 hours	
	Online options only	
	Gabrielle Duggan	
	Members: \$200 pp	Non-members: \$300 pp
	29 March	28 August

Team leadership – unlocking styles and approaches

People new to team leadership often focus on tasks and end-goals – but how do they develop into leaders that motivate and inspire their team to deliver those end-goals? This course will help you drill down into the team leader role, by examining leadership styles, and the characteristics needed to lead teams to success.



3.5 hours



Online options only



Gabrielle Duggan



Members: \$200 pp Non-members: \$300 pp



22 March

7 August

New to managing a team – my next 100 days

If you have recently started your first management role, or plan to move to management in the near future, this webinar outlines practical skills, techniques, and priorities to establish your credibility and set you up for success.



3 hours



Online options only



Sean McLoughney



\$300 pp – Screen sharing options available



25–26 May

Better talent support, better performance

This two-part webinar series will help you improve your employee experience through better talent support, increase retention rates, and improve the performance of your team.



3 hours



Online options only



Sean McLoughney



\$300 pp – Screen sharing options available



24 August and 31 August



Leader's guide to performance management

This convenient online training course will teach you everything you need to know to move from technical expert to high-performing manager in four weeks. This course combines self-paced learning modules with online group coaching and Q&A sessions to suit all learning styles.



14 hours



Online options only



Julia Shallcrass



\$990 pp

Group options

\$2,900 for three participants

\$4,700 for five participants

\$8,900 for 10 participants



15 March
6 September

7 June

Engaging a multi-generational workforce

Learn how to engage and motivate staff from different generations, and you'll be set up to manage the challenges and reap the benefits of working with millennials through to mature workers.



5.5 hours



Online options only



Julia Shallcrass



Members: \$470 pp Non-members: \$590 pp



3 April

16 August

Manager's guide to HR – interviewing, performance, misconduct

Managing a team is rewarding, but there's a fair bit you need to know if you take on responsibility for staff. This three-week course is your practical guide to Human Resources for managing your team – from hiring to performance management, and everything in between.



16.5 hours



Online options only



Julia Shallcrass



Members: \$1,350 pp Non-members: \$1,500 pp



Facilitated online course over three sessions:

- 5 May – Interviewing skills for managers
- 10 May – Giving feedback and performance reviews
- May 17 – Managing poor performance and misconduct

These sessions can also be purchased individually. See the following course details for more information.



Interviewing skills for managers

Explore how to select quality candidates in this HR and managers guide to interviewing skills for new hires – so you can build the best and brightest team.



5.5 hours



Online options only



Julia Shallcrass








Members: \$580 pp Non-members: \$700 pp



5 May

Giving feedback and performance reviews






Giving feedback is essential for developing top performers. This course focuses on how to give effective feedback and coach staff for success. Participants will explore how to conduct performance reviews and set goals for high-performing teams.






	5 hours	
	Online options only	
	Julia Shallcrass	
	Members: \$470 pp	Non-members: \$590 pp
	10 May	9 August



Managing poor performance and misconduct

Do you need a comprehensive guide to managing poor performance and investigating misconduct? This course will give you practical tools to follow performance management processes and conduct disciplinary meetings.

	6 hours	
	Online options only	
	Julia Shallcrass	
	Members: \$600 pp	Non-members: \$730 pp
	17 May	

	7.5	
	Online options only	
	Julia Shallcrass	
	Members: \$730 pp	Non-members: \$890 pp
	31 May	23 August






Employment law for managers

If you have staff responsibilities, this is your guide to employment law compliance. Find out how to meet your employment law obligations from hiring staff through to termination, and everything in between.

Project management

Project management for engineers






Many practitioners who manage projects have never been formally exposed to the “big picture” of project management. This course aims to present structured, coherent and accepted best practice principles used to define, plan and execute projects.






	4.5 hours	
	Online options only	
	Piet Beukman	
	Members: \$385 pp	Non-members: \$450 pp
	2 May 11 September	19 June 28 November



Leading project management

Set yourself up for success. If you're responsible for managing or leading projects at a senior level or involved in large projects, this course is for you. You'll learn the skills needed to lead and manage your team as well as manage the technicalities of the project itself.

	4.5 hours	
	Online options only	
	Piet Beukman	
	Members: \$385 pp	Non-members: \$450 pp
	23 May 23 November	8 August

	4.5 hours	
	Online options only	
	Piet Beukman	
	Members: \$385 pp	Non-members: \$450 pp
	9 May 18 October	4 July






Risk management for engineers

Risk affects all people across all activities. In this course we'll introduce you to a structured approach for the identification, planning, treatment and management of risk in an engineering context.

Retaining Walls

Gravity retaining walls






An introduction to general concepts and principles of the design and construction of gravity retaining walls, such as reinforced concrete walls, block walls and crib walls.

-  7.5 hours
-  Online and face to face options
-  Dr Martin Larisch
- **Online options**
Members: \$630 pp Non-members: \$790 pp
- Face to face options**
Members: \$790 pp Non-members: \$900 pp
- 

28 March	Auckland
22 June	Online
27 July	Auckland
13 September	Christchurch
14 September	Queenstown
10 October	Online
2 November	Hamilton
20 November	Nelson

Embedded retaining walls

An introduction to the general concepts and principles of the design and construction of embedded retaining walls such as sheet pile walls, soldier pile walls and timber pole walls.






-  7.5 hours
-  Online and face to face options
-  Dr Martin Larisch
- **Online options**
Members: \$630 pp Non-members: \$790 pp
- Face to face options**
Members: \$790 pp Non-members: \$900 pp
- 

15 June	Auckland
29 June	Online
29 August	Auckland
27 September	Christchurch
28 September	Queenstown
17 October	Online
16 November	Hamilton
4 December	Nelson

Self-leadership

Negligence and liability for engineers






Co-facilitated by an engineer and a lawyer, this course focuses on an engineer's potential liabilities, and how you can best manage these in an ever-increasing litigious world. The course will consider the legal framework within which engineers are required to operate, and at a practical and technical level what you need to do to manage your risk, both financially and reputationally.

-  7.5 hours
-  Online and face to face options
-  Stuart Meakins and Susan Thodey
- **Online options**
Members: \$630 pp Non-members: \$790 pp
- Face to face options**
Members: \$790 pp Non-members: \$900 pp
- 

30 March	Online
17 March	Auckland
27 April	Online
18 May	Christchurch
1 June	Online
12 October	Queenstown
30 October	Online






Time management – planning your day, week and month

This webinar will help you to focus on how to prioritise and schedule work activities to bring the highest return on your time and win back control of your day.

-  1.5 hours
-  Online options only
-  Sean Mccloughney
-  \$145 pp – Screen sharing options available
-  23 March

Time management for productivity






Effective time management is the key to your success as an engineer. In this course, find out how to balance competing priorities so you can complete work on time. Discover proven time management tools and techniques to complete work with greater efficiency.

	5.5 hours	
	Online options only	
	Julia Shallcrass	
	Members: \$470 pp	Non-members: \$590 pp
	19 May 1 September	26 July 7 November








10 habits of highly effective meetings

Meetings that have been poorly planned or run are frustrating and a poor use of time. Explore ways to run more productive and efficient meetings.

	1.5 hours	
	Online options only	
	Sean McLoughney	
	\$145 pp – Screen sharing options available	
	27 July	






Resilience and wellbeing

Are you struggling to balance your professional goals with your personal wellbeing? Too many engineers feel stressed, burned out, and overwhelmed. Discover how to work in a flow state and create resilience to cope with and adapt to new situations.

	6 hours	
	Online options only	
	Julia Shallcrass	
	Members: \$580 pp	Non-members: \$700 pp
	8 March 8 November	2 August

Strategy for engineers

This course will present an overview of a practical and workable way of formulating a strategy for your business or venture that will work, by going beyond a mere “tick a box” approach.

	4.5 hours	
	Online options only	
	Piet Beukman	
	Members: \$385 pp	Non-members: \$450 pp
	11 July	8 November



New Zealand Standards

NZS 3910:2013 – an introduction

This course examines NZS 3910 from the perspective of the Engineer to the Contract and Engineer's Representative – who must perform a complex 'dual role' as adviser to and representative of the Principal – along with making decisions independently and impartially under the contract.



7.5 hours



Online and face to face options



Peter Degerholm



Online options

Members: \$630 pp Non-members: \$790 pp

Face to face options

Members: \$790 pp Non-members: \$900 pp



20 February
27 February
22 March
27 March
3 April
15 May
29 May
26 June
17 July

Online
Auckland
Hawke's Bay
Queenstown
Online
Wellington
Christchurch
Online
Auckland



NZS 3910:2013 – practical applications

This course follows on from "NZS 3910:2013 – An Introduction". You'll receive practical guidance in the administration of construction contracts from the perspective of the Engineer to the Contract. We'll cover how to issue instructions and variations, make decisions, review, approve or reject work and claims, issue certificates and involvement in disputes.



7.5 hours



Online and face to face options



Peter Degerholm



Online options

Members: \$630 pp Non-members: \$790 pp

Face to face options

Members: \$790 pp Non-members: \$900 pp



24 February
28 February
28 April
16 May
30 May
27 June
18 July

Online
Auckland
Online
Wellington
Christchurch
Online
Auckland

NZS 3916:2013 – design and construct

NZS 3916 was issued in 2013 as an adaptation from NZS 3910:2013 (NZS 3910) to deal with situations where the Contractor is responsible for overall design as well as construction. This course provides an overview of NZS 3916 and how it can be used to greatest effect.



4.5 hours



Online options only



Peter Degerholm



Members: \$385 pp Non-members: \$450 pp




22 May


Stormwater

Stormwater management and design – an introduction


In this introductory course, you'll get an overview of modern stormwater management and practical applications of design associated with it. You'll hear about some of the common traps practitioners fall into – to help you avoid them in your own practice.




8 hours




Face to face options only




Allan Leahy



Members: \$790 pp



Non-members: \$900 pp




8 March
4 April
1 May
6 June
20 June
19 July
26 July
5 September
19 September
10 October
14 November


Wellington
Auckland
Queenstown
Whangarei
Hawke's Bay
Nelson
Christchurch
Invercargill
Tauranga
Hamilton
Auckland

The principles of stormwater treatment


This course introduces the principles of urban stormwater treatment. Learn about a range of stormwater treatment practices and consider their advantages and disadvantages for different applications.




8 hours




Face to face options only




Allan Leahy



Members: \$790 pp



Non-members: \$900 pp



9 March
5 April
2 May
7 June
21 June
20 July
27 July
6 September
20 September
11 October
15 November

Wellington
Auckland
Queenstown
Whangarei
Hawke's Bay
Nelson
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Invercargill
Tauranga
Hamilton
Auckland

ENGINEERING NEW ZEALAND COURSE PROSPECTUS 2023

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**engineering
new zealand**
te ao rangahau

Engineering New Zealand Te Ao Rangahau

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