

PASSIVE HOUSE DESIGNER COURSE AND EXAM

Become a Leader of the Building Industry

ONLINE | Course: (Mo - Fr) 14 - 23 September 2020 | Exam 12 October 2020 (SYD)

Items subject to change, please check <https://smartplusacademy.com.au/events> for the latest information.

OUTLINE

This eight-day course provides you with a full understanding of the Passive House approach. In the first five days, you will learn the entire Passive House concept. You learn how to calculate the energy consumption of buildings by hand for any location. Then you learn how to evaluate the economics of thermal upgrades and how to implement this in your design process. Finally, you get introduced into the Passive House software and certification process.

LEARNING OUTCOMES

After completing this course, you will be able to:

- Implement Passive House Design.
- Calculate the economic benefits of Passive House approach.
- Design the thermal building envelope including the airtightness and weather tightness systems.
- Layout the energy efficiency related building services.
- Use and understand the basics of the Passive House software PHPP and DesignPH.

TARGET AUDIENCE

If you are an architect, designer, engineer, builder or policymaker, this course is for you. Smart Plus Academy primarily focuses on professionals in the building industry because they shape the world we live in.

MATERIAL REQUIRED

- A good internet connection
- Coloured markers, pen and paper
- Sticky notes
- Scientific calculator (not your phone)
- Excel (Microsoft Office or OpenOffice)

TEACHERS

Daniel Kress and Julia Kiefer

ACCESS

The certified Passive House Designer Course will be live online, and no recordings will be provided.

The exam preparation course will be a recording.

The workbooks with all the presentation slides will be sent to your location in Australia.

The cheat sheets, homework, and exercises (as pdfs) and the solutions (as recordings) will be available until the next upcoming exam day.

ENROLMENT PROCESS

1. You can apply via the [website](#) or via this [link](#).
2. After that, one of our SPA-Team will reach out to you, answer all your questions, and we will find out if we want to work together.
3. At the end of the call, we will send you a link to pay the deposit and help you with the process.
4. Congratulations, you have secured your seat.

COURSE AND EXAM SCHEDULE

Course:

Time (Mo - Fr): 09:00 - 17:00 AEST (GMT+10:00)
+ 1- 3 hours of homework daily.

Day 1-5: The Passive House concept

(Mo - Fr): 14.09.2020 - 18.09.2020

Day 6-8: The Passive House Implementation

(Mo - We): 21.09.2020 - 23.09.2020

Two-day Exam Preparation Course:

Access to recordings: 23.09.2020 - 12.10.2020

Exam:

The exam is 3 hours starting at 9 am sharp

Face to Face: Mo, 12.10.2020 (Sydney-Manly) *

CONTACT

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🌐 <https://smartplusacademy.com.au>