

# **PASSIVE HOUSE DESIGNER COURSE AND EXAM**

Become a Leader of the Building Industry

## **OUTLINE**

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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**

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After completing this course, you will be able to:

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

## **TARGET AUDIENCE**

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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**

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

## **TEACHERS**

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Daniel Kress and Julia Kiefer

## **ACCESS**

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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 PDF) and the solutions (as recordings) will be available until the next upcoming exam day.

## **ENROLMENT PROCESS**

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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.

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

**SMART PLUS ACADEMY**

**FACT SHEET**

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## COURSE AND SCHEDULE

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### **COURSES: [\$ 3497]**

Time: 09:00 - 17:00 AEST (GMT+10:00)

+ 1- 3 hours of homework daily

**Day 1-5 (Mo - Fri): The Passive House concept**

**Day 6-8 (Mon - We): The Passive House Implementation**

Available Dates:

**Course: 14.09.2020 - 23.09.2020**

**Course: 23.11.2020 - 02.12.2020**

### **EXAM PREP COURSE [\$ 397]**

**Two-day Exam Preparation Course:**

Access to recordings until the exam

### **FACE TO FACE EXAM [\$ 800]**

[Sydney or Perth]

[1-3 people at the location+\$500 and 4-6 students at location+\$ 250]

Available dates:

**Face to Face Exam: Sa, 10.10.2020 (Sydney or Perth) \***

**Face to Face Exam: Sa, 05.12.2020 (Sydney or Perth) \***

### **ONLINE EXAM [\$ 799]**

At the convenience of your home

Expected available dates:

**Online Exam: Fri, 06.11.2020 (TBC)**

**Online Exam: Fri, 20.11.2020 (TBC)**

**Online Exam: Fri, 11.12.2020 (TBC)**

To secure your "Passive House Designer - All in package" offer [\$4,497 incl. GST] you need to purchase the "Passive House Designer Exam Prep Course" AND the "Passive House Designer/Consultant Exam" 45 DAYS before the course starts.

## CONTACT

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🌐 <https://smartplusacademy.com.au>

