



**40% of new builds in temperate climates experience condensation and mould-related issues by their first winter.
A new build does not equate to a healthy home.**

DESIGNING A HEALTHY HOME

NAT10913004 Apply building biology principles to assess and recommend building materials and
NAT10913007 Apply building biology principles to design a healthy home



AUSTRALIAN COLLEGE OF
ENVIRONMENTAL
— STUDIES —

RTO NO: 21740



NATIONALLY RECOGNISED
TRAINING

Are you thinking about building a home or are already in the building construction industry?

The 'tight' configuration of new builds dramatically increases their risk of condensation and mould, and the lack of passive ventilation may expose the occupants to elevated levels of chemicals out gassing from building materials, glues, sealants and paints. In addition, the location of the smart meter, solar inverter and Wi-Fi enabled devices, and the impact of metal building materials may inadvertently increase the occupant's exposure to electromagnetic radiation that may contribute to sleep disorders. All of this could be avoided if basic healthy home principles are considered at the design stage.

Who is this Course for?

This course is suitable for architects, building designers, licensed builders and anyone in the process of building or renovating their home. It provides the knowledge and the skills to assess a building material's impact on indoor air quality, and provides useful design principles to reduce exposure to electromagnetic fields and prevent condensation and mould-related problems with a focus on suitable designs for temperate, hot humid and arid climates. This course does not provide the information on how to build a home or draw architectural plans, rather it provides the key principles so you can provide recommendations and considerations of the principles that underpin a healthy home in consultation with the build team (architects, building designers...).

About the Course

This 6 month part time course consists of two subjects (Building Materials and Building a Healthy Home). It is conducted online and can be started at anytime of the year.

Investment: \$1,790 (\$895 per subject)

More info: www.aces.edu.au/courses/designing-a-healthy-home/

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