

## MOULD TESTING TECHNICIAN COURSE (NAT10913005)

**Unit of competency:** NAT10913005 Conduct an assessment of a water-damaged home.

The only nationally accredited course to assess a water-damaged building (WDB). Learners will understand the adverse health effects arising from exposure to biotoxins in a WDB, how to take an environmental exposure history, conduct a site inspection to identify sources and signs of moisture ingress and quantify moisture laden materials, conduct moisture mapping, establish the boundary of fungal particulate spread, undertake air, dust and surface sampling and make recommendations to remediate. Numerous case studies will be presented with a focus on how to analyse laboratory results and compare them to relevant exposure standards. A field trip will consolidate the skills in the course. Whilst the course will discuss what is required to remediate contents and water damage in the built structure, the focus will be on mould testing and the prevention of dampness, not mould remediation.

The course has been developed for building managers, trades (building and construction), loss adjusters, hygienists, restorers and remediators, professional cleaners, building biologists, pest controllers, health practitioners and anyone seeking a rewarding career assessing water-damaged homes.

**Course structure:** a 3 month course that involves eight live zoom sessions (Thursday evenings) PLUS field training. Learners should dedicate around ten hours per week to get through the online course materials.

**Investment:** \$2,495. Learners are required to purchase three books (see website for details).

**Career:** Upon successful completion, graduates will become an ACES certified Mould Testing Technician (ID card, Certificate and Statement of Attainment provided). Most graduates work in private practice and some have been employed by mould remediation companies.

*"A very informative and detailed course on mould assessment that provided an understanding of the problems we experience in our schools."*

— Anthony Rodwell, Director of Asset Management, NSW Dpt Education.

*"The course was well structured and delivered with enthusiasm and provided me with the confidence and understanding to conduct mould investigations. Highly recommended."*

— Paul Ratcliff, Building Consultant, Waterproof Membrane Expert, Chairperson of Master Builders Waterproofing Technical Committee, Author.

*"I knew it was going to be good, but it blew my mind!"*

— Melanie Pinto, Architect.



## We have a passion for what we do.

This is evident in our courses, our management and our team of trainers

and industry experts. Incorporating the latest scientific evidence and technologies, we provide learners with the knowledge and the skills to establish financially rewarding careers that enhance the health of families and their communities. Our flexible delivery options and innovative online software platform makes learning enjoyable, and attracts learners from all over the globe. Regardless as to whether you choose a subject out of interest, for personal development, or want a rewarding career, it is sure to be an eye opening and life changing experience!

Nicole Bijlsma, Principal

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AUSTRALIAN COLLEGE OF ENVIRONMENTAL STUDIES

EST. 1999

BUILDING BIOLOGY | MOULD TESTING | ELECTROMAGNETIC FIELDS | FENG SHUI

Creating financially rewarding careers that enhance the health of the community.

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## ADVANCED DIPLOMA OF BUILDING BIOLOGY (10913NAT)

Building biology is the evaluation of health hazards from allergens like mould, to toxicants and electromagnetic fields in the built environment and provides strategies to address exposure and/or source control and abatement.

**Course structure:** 2-year full time / 4-year part time nationally accredited course that consists of eleven subjects: ten core (below) and one elective (refer to website) that is 2,100 hours in duration. Eight subjects (3 months duration each) are conducted online and can be started at any time of the year. Learners should dedicate at least ten hours per week per subject. The remaining four subjects are conducted as live zoom sessions with onsite field training. For more details, the unit mapping guide or the timetable for on-campus subjects, refer to the website.

**Investment:** \$14,645 (depends on elective subject). Online subjects are \$895 each. For details about funding, part payment options and set texts, refer to the website for details.

**Career:** Demand for Building Biologists has increased since the Parliamentary Inquiry into Mould and the growing concern about chemicals, and electromagnetic fields on human health. Most graduates work in private practice and align themselves with integrative doctors and natural therapists, realtors, tradespersons, architects and mould remediators.

SUBJECT	DELIVERY	CONTENT
<b>Air Pollution</b>	Online	Investigates and addresses air pollutants in the home.
<b>Building Materials</b>	Online	Examines the impact of a building material on indoor air quality, the electroclimate of the home and on human health.
<b>Business Skills</b>	Online	Research and develop components of a business plan for achieving business goals and objectives.
<b>Children's Environmental Health</b>	Online	Explores the impact of toxicants, allergens and electromagnetic fields on children's health and ways to reduce their exposure.
<b>Electricity Fundamentals</b>	Online	Provides knowledge of electrical concepts and terminology, the electromagnetic spectrum and the power distribution system.
<b>Electrobiology</b>	Live zoom sessions and field training	Explores the impact of AC magnetic fields and radio frequencies on human health, and provides the skills to conduct an EMF assessment and mitigate exposure.
<b>Geomancy</b>	Live zoom sessions	Identify and mitigate geopathic stress on a site.

SUBJECT	DELIVERY	CONTENT
<b>Healthy Building Design</b>	Online	Fundamental principles that underpin a healthy home from site selection, passive solar design, passive ventilation, integrated pest management, water vapour management and suitable building material selection.
<b>Mould Testing</b>	Live zoom sessions and field training	Identifies the source and adverse health effects arising from dampness, and provides the skills to conduct an assessment of a water-damaged home (moisture mapping, air, surface and dust sampling and analysing laboratory results).
<b>Research Methods</b>	Online	Acquire the skills to conduct research on environmental health, and learn to critique information for relevancy, currency, validity and bias to guide decision making.
<b>Sampling Methods</b>	Live zoom sessions	Acquire the skills to assess VOCs, noxious gases, lead and methamphetamines impacting the built environment.
<b>Water Pollution</b>	Online	Identifies health hazards in drinking water, the health effects arising from pollutants in tap, tank, bore and bottled water and the benefits and limitations of water filtration systems.

## ELECTROMAGNETIC FIELD TESTING TECHNICIAN COURSE (NAT10913002)

**Unit of competency:** NAT10913002 Conduct an electromagnetic field assessment

The only nationally accredited course to assess Electromagnetic Fields in the built environment. Using the latest technology, learners will incorporate electrical terminology, take an exposure history, conduct a site inspection for AC magnetic fields and radiofrequencies, and use the Hierarchy of Control to mitigate exposure. Field trips will consolidate the information in the course.

**Course structure:** a 6 month course consisting of two subjects: Electricity Fundamentals (12 weeks online) AND Electrobiology which involves 3 days of live zoom sessions (Saturdays) PLUS two days of field training. Learners should dedicate around ten hours per week to get through the online course materials.

**Investment:** \$3,390 (\$895 for Electricity Fundamentals and \$2,495 for Electrobiology). Set texts are Healthy Home Healthy Family (N Bijlsma) and Electrical Principles (Peter Phillips).

**Career:** Upon successful completion, graduates will become an ACES certified EMF Testing Technician (ID card, Certificate and Statement of Attainment provided). Most graduates work in private practice.



## CERTIFICATE IV IN FENG SHUI (11079NAT)

Feng Shui is the art of creating environments that support, the mind, body and soul. Utilising the principles of form, compass and flying star school, learners will attain the knowledge and the skills to transform a house into a home that supports the vision of the occupants. As the only nationally accredited Feng Shui course in Australia, our graduates were instrumental in establishing both of the Feng Shui associations.

**Course structure:** 1 year full time / 2 year part time nationally accredited course that involves online course work and field training. It consists of six subjects: four core and two electives that is 800 hours in duration. Three online subjects (3 months duration each) can be started at any time of the year. Learners should dedicate around ten hours per week per subject. The remaining three subjects are conducted as live zoom sessions on Wednesday evenings as well as field training. For more details, the unit mapping guide or the timetable for subjects that involve live zoom sessions, refer to our website.

SUBJECT	DELIVERY	CONTENT
<b>Feng Shui Foundations</b>	Online	Provides the foundation skills of Qi, five element theory, form and compass school, furniture placement and colour therapy.
<b>Advanced Feng Shui</b>	Live zoom sessions	Provides the knowledge and skills to incorporate flying star analysis and conduct an assessment of a home.
<b>Create a Sacred Space</b>	Live zoom sessions	Uses the Wicca and North American Indian art of space clearing to transform negative energy in the home.
<b>Geomancy</b>	Live zoom sessions	Provides the skills to dowse and transform geopathic stress unique to a site.
<b>Healthy Home</b>	Online	Explores the impact of allergens and chemicals on human health, and ways to reduce exposure.
<b>Chinese Astrology</b>	Online	Provides the knowledge and skills to construct and analyse a chart using the Four Pillars of Destiny.
<b>Decluttering</b>	Online	Attain the knowledge and skills to sort and organise items in the home using the 4Rs: rubbish, rehome, return and repurpose

**Investment:** \$5,370. Subjects are \$895 each. For details about funding and part payment options, and sundries (compass, feng shui template and Healthy Home Healthy Family book) refer to the website for details.

**Career:** Graduates work in private practice.