

We can assist both individuals and your workforce to develop the skills and capabilities required in the areas of:

- Sustainable Building Design
- Building Information Modelling and Life Cycle Analysis
- Planning and Design
- Project Management and Procurement
- Business Management and Expertise
 - building
- Green Trade Skills
 - green plumbing (new and retrofit)
 - energy efficient building construction
 - renewable energy
 - low input gardening
- Asset and Project Assessment and Review
 - specification of inputs (energy, efficiency)
 - system specifications (water, power and waste management)
 - approvals requirements
- Ecological Sustainability
 - natural resource management and conservation
 - water use
 - waste management
 - energy efficiency
 - asset maintenance
- Marketing and Communication

For more information

www.nsi.tafensw.edu.au

131 674

Email: NSI.BusinessServices@tafensw.edu.au



NORTHERN
SYDNEY
INSTITUTE
skilling for a global future



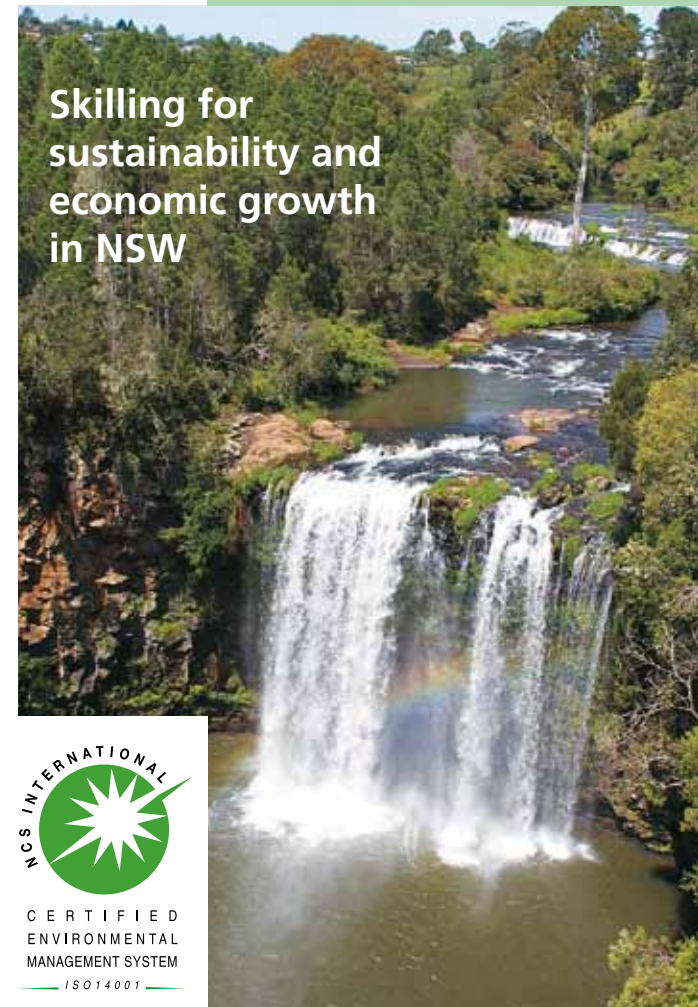
GREEN SKILLS

2010 PROGRAMS

Skilling for
sustainability and
economic growth
in NSW



CERTIFIED
ENVIRONMENTAL
MANAGEMENT SYSTEM
ISO 14001



Green Skills – 2010 Programs

TAFE NSW vocational courses are being developed and delivered to assist individuals and NSW businesses develop the necessary workforce skills to respond to changing environmental and legislative needs.

Our organisation

TAFE NSW – Northern Sydney Institute (NSI) is committed to establishing, promoting and maintaining a culture of environmental responsibility, both within the Institute and in the wider community.

Our commitment includes certification against the ISO 14001:2004 standard for Environmental Management Systems demonstrating that NSI has met the demands of rigorous International requirements. NSI is the sole educational institution to achieve this certification in Australia.

Information for employers

Employers who wish to meet government regulations and ensure their business is equipped with the knowledge and skills required will benefit from NSI's consultancy services and customised training programs.

We offer a range of employer services in addition to our expertise in vocational education and training. Working with you we will identify your organisation's specific 'Green Skills' needs in these specialist areas:

- Environmental Management
- Environmental Performance
- Environmentally Sustainable Work Practices
- Leadership for Sustainability Program

Information for individuals

Individuals interested in new employment opportunities linked to the environment will develop the necessary knowledge and skills.

Employees required to meet Continuing Professional Development (CPD) needs outlined by their professional organisation or licensing body, will find relevancy and added-value in our 'Green Skills' courses.

Green Skills

Employment type	Qualification areas	Includes (but not limited to)
Building Design, Building and Construction	<ul style="list-style-type: none"> • Diploma of Architectural Technology • Diploma of Building Studies • Diploma of Quantity Surveying • Certificate IV in Building Studies, Residential • Certificate IV in Plumbing Technology • Certificate III in Carpentry • Certificate III in Plumbing • Certificate I in General Construction • Statement of Attainment in General Construction (Trade Entry) • Statement of Attainment in Plumbing Trade Entry Skills 	<ul style="list-style-type: none"> • Apply sustainable design principles to the design of the built environment • Evaluate Life Cycle Analysis for the built environment • Plan, develop and implement building or construction, energy conservation and management practices and processes • Build thermally efficient and sustainable structures • Manage environmental management practices and processes in building and construction • Implement and monitor environmental and sustainable building policies and procedures • Promote sustainable building principles in the community
Electronics and Communications	<ul style="list-style-type: none"> • Advanced Diploma of Electrical Technology • Advanced Diploma of Electronics Technology • Diploma of Electrical Engineering (Industrial Electronics) • Certificate III in Electro-technology Electrician • Certificate II in Renewable Energy 	<ul style="list-style-type: none"> • Write specifications for renewable energy engineering projects • Coordinate maintenance of renewable energy apparatus and systems • Provide sustainable solutions for energy reduction in domestic appliances • Manage renewable energy projects • Design stand-alone renewable energy systems • Develop strategies for effective energy reduction in buildings • Implement and monitor environmental and sustainable energy management policies and procedures • Promote sustainable energy in the community
Forest Industries and Agriculture	<ul style="list-style-type: none"> • Certificate III, IV and Diploma of Conservation and Land Management • Certificate III Irrigation • Certificate II, III, IV and Diploma of Horticulture (Arboriculture) • Certificate I,II,III and Diploma of Horticulture • Certificate II,III, IV and Diploma of Horticulture (Turf) 	<ul style="list-style-type: none"> • Implement safety, health and environmental policies and procedures • Implement an irrigation related environmental protection program • Develop and implement sustainable land use strategies • Implement and promote environmental sustainability principles in the community • Environmental responsibilities
Natural Resources and the Environment	<ul style="list-style-type: none"> • Advanced Diploma of Applied Environmental Management • Statement of Attainment in Environmental Studies • Certificate III in Marine Studies • Statement of Attainment in Marine and Coastal Conservation • TAFE Plus Statement in Environmental Auditing • TAFE Plus Statement in Environmental Regulations and the Workplace • TAFE Plus Statement in Permaculture Design • TAFE Plus Statement in Garden Design – Permaculture <p>NEW!</p> <ul style="list-style-type: none"> • Statement of Attainment in Environmentally Sustainable Work Practice 	<ul style="list-style-type: none"> • Develop and monitor environmental management systems • Implement environmental policies and procedures • Plan, manage and implement natural resource protection and management programs • Implement and promote environmental sustainability principles in the community • Environmental responsibilities <ul style="list-style-type: none"> • An online program contextualising environmental sustainability issues for Local Government and businesses

New courses are introduced throughout the year. For the latest course information, please visit nsi.tafensw.edu.au