

Do you want to improve the way you do business and prepare for market choice and government regulation?

Are you an employee and want to improve your green skills?

Does your small business need to respond to sustainability targets?

Do you aspire to work for one of Australia's most efficient companies?

Do you want to join the green skills workforce to address climate change?



www.tafensw.edu.au

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Green Skills

TAFE NSW delivers vital business skills for the economic growth and sustainability of New South Wales

The new 'green' economy will require skills and capability in:

- Green Auditor Training
- Sustainable Building Design
- Building Information Modelling and Lifecycle Analysis
- Planning and Design
- Business Leadership and Entrepreneurship
- Project Management and Procurement
- Business Management
- Green Trade Skills
- Asset Management
- Ecological Sustainability
- Marketing and Communication



TAFE NSW Green Skills courses are designed to develop workforce capability for environmentally sustainable growth. Courses are available across a broad range of employment areas.

Government

- Qualification**
- Certificates II, III and IV in Water Operations
 - Certificate I in Water Sustainability
 - Certificate IV in Hydrography

Skills covered include

Apply environmental and licensing procedures
 Develop environmental management policies and plans
 Operate and monitor water systems and condensing and cooling water systems
 Develop and monitor environmental management systems

Electronics and Communications

- Qualification**
- Certificates III and IV in Electronics & Communications
 - Certificate IV in Industrial Electronics & Control
 - Certificate III in Instrumentation & Control
 - Certificate II in Sustainable Energy (Career Start)
 - Certificate IV in Electrical – Renewable Energy
 - Advanced Diploma of Renewable Energy – Technology

Skills covered include

Write specifications for renewable energy engineering projects
 Coordinate maintenance of renewable energy apparatus and systems
 Provide basic 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
 Install wind energy systems
 Implement and monitor environmental and sustainable energy management policies and procedures
 Promote sustainable energy in the community

Natural Resources and the Environment

- Qualification**
- Advanced Diploma in Applied Environmental Management
 - Statement of Attainment in Environmental Studies
 - Statement of Attainment in Learning for Sustainability

Skills covered include

Develop and monitor environmental management systems
 Implement environmental policies and procedures

Agriculture and Land Management

- Qualification**
- Certificates II, III, IV and Diploma in Conservation and Land Management
 - Certificate IV and Diploma in Agriculture (Organic Production)
 - Certificate III in Permaculture

Skills covered include

Implement safety, health and environmental policies and procedures
 Implement sustainable forestry practices
 Implement an irrigation related environmental protection program
 Develop and implement sustainable land use strategies
 Develop 'trade' equivalent skills in permaculture

Business Services

- Qualification**
- Certificates II, III, IV, Diploma and Advanced Diploma in Business, Business Administration and Management

Skills covered include

Participate in environmentally sustainable work practices
 Implement and monitor environmentally sustainable work practices
 Develop workplace policy and procedures for sustainability

Building Design and Construction

- Qualification**
- Diploma of Architectural Technology
 - Advanced Diploma of Sustainable Building Design
 - Course in Building in a Saline Environment
 - Diploma of Building Surveying

Skills covered include

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

Manufacturing

- Qualification**
- Certificate III and Advanced Diploma in Competitive Manufacturing
 - Statement of Attainment in Ecologically Sustainable Development
 - Graduate Certificate in Ecologically Sustainable Development
 - Certificate IV and Diploma in Environmental Monitoring and Technology

Skills covered include

Implement and monitor environmental policies and procedures
 Develop and manage sustainable environmental practices
 Manage utilities and energy for a production process
 Develop workplace policy and procedures for sustainability
 Minimise environmental impact of processes

Logistics and Customs

- Qualification**
- Diploma of Logistics
 - Certificates I, II, III and IV in Transport & Logistics (Road Transport)

Skills covered include

Implement and monitor environmental protection policies and procedures
 Apply environmental regulations and best practice in a workplace or business

Property Services

- Qualification**
- Certificates II, III and IV in Asset Maintenance (Waste Management)

Skills covered include

Develop an environmental management strategy

TAFE NSW can develop specific training packages for your business and can contextualise existing nationally-accredited courses to suit individuals, industry and/or enterprise. Packages can be customised to incorporate competencies from different course areas. You can choose to complete a single module or a full course.