

# Horticulture



SuniTAFE is located in a region that is known for significant horticultural and agri-business development and is recognised as being one of the most rapidly developing rural areas in Australia. Production horticulture enterprises range from small family farms to larger corporate developments that exceed 1000 hectares of property. The region supports a diverse variety of horticultural crops and has well established domestic and international trade markets. The horticultural industry is also the largest employer of people in the region.

SuniTAFE is a national leader in horticultural education and training programs. SuniTAFE operates a large production horticulture property that is also used for training purposes and has excellent facilities to support training in the amenity horticulture fields of retail and wholesale nursery.

## Certificate III in Horticulture CRICOS Code - 060085D

This course is designed for participants to develop their skills in the gardening, wholesale or retail nursery industry at the supervisor or leading hand level, or as an operator of their own business.

<b>Duration</b>	1 year	<b>Course Structure</b>  <b>A total of 16 units of competency must be completed.</b> <b>Select 12 units from Group B</b> <b>Select 3 units from Group B and/or C</b>  <b>Compulsory Unit</b> RTE3713A Carry out workplace OH&S procedures  <b>Group B</b> BCG3115A Lay segmental/unit paving BSBEBUS302A Use and maintain electronic mail system BSBEBUS303A Participate in a virtual community BSBEBUS304A Buy online BSBEBUS305A Sell online RTC3016A Provide information on plants and their culture RTC3201A Conduct operational inspection of park facilities RTC3206A Erect timber structures and features RTC3211A Implement a maintenance program for an aquatic environment  RTC3218A Undertake a site assessment RTC3310A Operate specialised machinery and equipment RTC3401A Control weeds RTC3404A Control plant pests, diseases and disorders
<b>IELTS Score Required</b>	5.5	
<b>Entrance Requirements</b>	Year 12 or country equivalent.	
<b>Total Course Fee</b>	A\$12,875	
<b>Additional Fees</b>	Nil	
<b>Study Mode</b>	Full time. A mix of theory and practical work in classrooms and on SuniTAFE Farm.	
<b>Employment Opportunities</b>	Supervisor, leading hand or as an operator of their own business.	
<b>Assessment</b>	Assessment methods may include journals, questions, observation, report writing, third party reports, scenarios, role plays, case studies, tests, quizzes, research tasks and essays. Assessment methods can be tailored to the individual learner.	
<b>Important Information</b>	Students will require hard topped shoes (A\$50-A\$100).	

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## Certificate III in Horticulture *Cont'd...*

### Course Structure *Cont'd...*

RTC3701A	Respond to emergencies	RTF3014A	Implement a propagation plan
RTC3704A	Prepare and apply chemicals	RTF3015A	Implement a tree maintenance program
RTC3705A	Transport, handle and store chemicals	RTF3017A	Implement a tree pruning program
RTC3805A	Coordinate work site activities	RTF3018A	Implement a tree transplanting program
RTD3034A	Implement revegetation works	RTF3019A	Remove trees in confined spaces
RTE3002A	Coordinate a crop regulation program	RTF3020A	Install and maintain interior plant displays
RTE3003A	Coordinate horticultural crop harvesting	RTF3021A	Maintain nursery plants
RTE3013A	Implement a post-harvest program	RTF3023A	Monitor turf health
RTE3030A	Harvest horticultural crops mechanically	RTF3025A	Prepare specialised plants
RTE3305A	Install and terminate extra low voltage wiring systems	RTF3026A	Receive and dispatch plants and other nursery products
RTE3307A	Coordinate machinery and equipment maintenance and repair	RTF3027A	Renovate sports turf
RTE3506A	Monitor weather conditions	RTF3028A	Perform specialist amenity pruning
RTE3601A	Install irrigation systems	RTF3031A	Undertake complex tree climbing
RTE3603A	Install drainage systems	RTF3032A	Install cable and bracing
RTE3604A	Troubleshoot drainage systems	RTF3033A	Implement a maintenance program for hydroponic systems
RTE3605A	Troubleshoot irrigation systems	RTF3035A	Implement a tree protection program
RTE3611A	Operate pressurised irrigation systems	RTF3036A	Plan and establish plant displays
RTE3612A	Implement a maintenance program for an irrigation system	RTF3203A	Construct brick and/or block structures and features
RTE3713A	Carry out workplace OH&S procedures	RTF3204A	Construct concrete structures and features
RTE3714A	Maintain and monitor environmental work practices	RTF3207A	Implement a landscape maintenance program
RTE3801A	Provide on-job training support	RTF3208A	Install metal structures and features
<b>Part B - Qualification Packaging</b>		RTF3215A	Install hydroponic systems
RTE3819A	Process customer complaints	RTF3216A	Install water features
RTE3904A	Keep records for a primary production business	RTF3217A	Set out site for construction works
RTE3907A	Use hand held e-business tools	RTF3219A	Construct stone structures and features
RTF3001A	Construct turf playing surfaces	RTF3220A	Implement a paving project
RTF3004A	Implement a grassed area maintenance program	RTF3221A	Implement a retaining wall project
RTF3005A	Deliver and promote sales of plants	RTF3503A	Sample soils and analyse results
RTF3007A	Fell large trees	RTF3510A	Design and prepare growing media
RTF3010A	Establish turf	RTF3702A	Undertake aerial rescue
RTF3011A	Implement a plant establishment program	WRRCS3B	Interact with customers
RTF3012A	Implement a plant nutrition program	WRRF1B	Balance register/terminal
		WRRM3B	Coordinate merchandise presentation
		WRRS2B	Advise on products and services

## Trushna C. Patel - International Student (India)



My name is Trushna C. Patel and I come from Ahmedabad, Gujarat Province, India. I have been studying the Diploma of Horticulture (Wholesale Nursery) at SuniTAFE since July 2009.

My teachers and fellow classmates treat me like a member of their family, and in this harmonious family nothing is impossible. The teachers here at SuniTAFE have helped me with my studies, my career plans and my special needs, and have provided me with many special experiences. I have gained an insight into Australian culture through taking part in the family life of friends made through my course.

I am living in Mildura and it is a very quiet and beautiful place to live. I have found the people to be friendly, cooperative and kind natured. I love studying at SuniTAFE and love living in Mildura.



## Certificate III in Production Horticulture CRICOS Code - 065717C

This course will provide the skills required of supervisors, or leading-hands on vine, fruit or vegetable properties. Employment is available in the viticulture, citrus, fruit or vegetable production industries, either on family properties or company farms. Graduates may reach management level after several years experience in the industry.

<b>Duration</b>	1 year	<b>Course Structure</b> <b>A total of 16 units of competency must be completed. Select 7 units from Group A (unit in italics is mandatory) Select 6 from Group A and/or B Select 3 from Group A, B and/or C</b>  <b>Group A</b> RTC3404A Control plant pests, diseases and disorders RTC3701A Respond to emergencies RTC3704A Prepare and apply chemicals RTC3805A Coordinate work site activities RTE3002A Coordinate a crop regulation program RTE3003A Coordinate horticultural crop harvesting RTE3013A Implement a post-harvest program RTE3030A Harvest horticultural crops mechanically RTE3307A Coordinate machinery and equipment maintenance and repair  RTE3605A Troubleshoot irrigation systems RTE3713A <i>Carry out workplace OH&amp;S procedures</i> RTE3714A Maintain and monitor environmental work practices  RTF3011A Implement a plant establishment program RTF3012A Implement a plant nutrition program RTF3503A Sample soils and analyse results  <i>Cont'd below...</i>
<b>IELTS Score Required</b>	5.5	
<b>Entrance Requirements</b>	Year 12 or country equivalent.	
<b>Total Course Fee</b>	A\$10,125	
<b>Additional Fees</b>	Nil	
<b>Study Mode</b>	Full time. A mix of theory and practical work in classrooms and on SuniTAFE Farm.	
<b>Employment Opportunities</b>	Roles in viticulture, tree, fruit or vegetable production industries either on family properties or company farms.	
<b>Assessment</b>	Assessment methods may include journals, questions, observation, report writing, third party reports, scenarios, role plays, case studies, tests, quizzes, research tasks and essays. Assessment methods can be tailored to the individual learner.	
<b>Important Information</b>	Students will require hard topped shoes (A\$50-A\$100).	

### Course Structure *Cont'd...*

#### Group B

BSBEBUS303A	Participate in a virtual community
BSBEBUS304A	Buy online
BSBEBUS305A	Sell online
RTC3401A	Control weeds
RTC3705A	Transport, handle and store chemicals
RTE3506A	Monitor weather conditions
RTE3511A	Supervise mushroom substrate preparation
RTE3601A	Install irrigation systems
RTE3603A	Install drainage systems
RTE3604A	Troubleshoot drainage systems
RTE3611A	Operate pressurised irrigation systems
RTE3801A	Provide on-job training support
RTE3904A	Keep records for primary production businesses
RTF3014A	Implement a propagation plan

RTF3033A	Implement a maintenance program for hydroponic systems
RTF3215A	Install hydroponic systems

#### Group C

This group includes other units of competency from RTD02 Conservation and Land Management, RTE03 Rural Production, RTF03 Amenity Horticulture and/or other endorsed Training Packages. Units selected must be aligned to Certificate II, III or IV outcomes. These units must be relevant to work undertaken in the rural sector.

## Diploma of Production Horticulture CRICOS Code - 071244C

This course will provide the skills and knowledge required by managers of fruit, vine, citrus, avocado or vegetable properties.

<b>Duration</b>	1 year	<b>Course Structure</b>  <b>A total of 10 units of competency must be completed.</b> <b>Select 4 units from Group A</b> <b>Select 4 units from Group A and/or B</b> <b>Select 2 units from Group B and/or C</b>  <b>Group A</b> BSBMGT507A Manage environmental performance RTD5402A Develop a strategy for the management of target pests  RTE5015A Manage the harvest of agricultural and horticultural crops RTE5016A Develop production plans for crops RTE5304A Implement a machinery management system RTE5807A Manage staff RTE5903A Plan, implement and review a quality assurance program  RTE5916A Prepare and monitor budgets and financial reports RTF5001A Develop a horticultural production plan RTE5005A Manage plant health RTF5521A Monitor and manage soils/growing media  <i>Cont'd below...</i>
<b>IELTS Score Required</b>	5.5	
<b>Entrance Requirements</b>	Year 12 or country equivalent. Certificate III in Production Horticulture or current industry experience.	
<b>Total Course Fee</b>	A\$18,113	
<b>Additional Fees</b>	Nil	
<b>Study Mode</b>	Full time.	
<b>Employment Opportunities</b>	Worker on a tree, vine, fruit or vegetable property.	
<b>Assessment</b>	A range of assessment methods will be used to enable students to demonstrate competence in the learning outcomes within this curriculum.	

<b>Course Structure Cont'd...</b>		RTE5906A	Monitor and review business performance
<b>Group B</b>		RTE5921A	Market products and services
BSBEBUS501A	Evaluate e-business opportunities	RTF5012A	Manage a controlled growing environment
BSBEBUS504A	Implement an e-business strategy	RTF5302A	Develop a plan for a hydroponic system
RTC5701A	Establish and maintain the enterprise OH&S program	WRWPL508A	Improve supply and distribution chains
RTC5702A	Develop and manage a chemical use strategy		
RTE5006A	Plan and manage long-term weed, pest and/or disease control in crops		
RTE5524A	Develop and implement sustainable land use strategies		
RTE5525A	Manage trial and/or research material		
RTE5602A	Design irrigation system maintenance and monitoring programs		
RTE5901A	Develop a marketing plan		
RTE5902A	Develop and review a business plan		
			<b>Group C</b>
			This group includes other units of competency from RTDo2 Conservation and Land Management, RTEo3 Rural Production, RTFo3 Amenity Horticulture and/or other endorsed Training Packages. Units selected must be aligned to Certificate III, IV, Diploma or Advanced Diploma outcomes. These units must be relevant to work undertaken in the rural sector.