



Telford
Rural Polytechnic
Te Whare Wanaka O Puerua

Rural Fire & Rescue Training Programme



2010

Telford Rural Polytechnic's Rural Fire Training

Although Telford Rural Polytechnic is primarily involved in Agricultural training for the last nine years, it has also offered training in Rural Fire and Rescue courses. It does this by contracting in tutors, who are specialists in the particular fields required. Training is available throughout New Zealand, but particularly in the Otago, Southland, Canterbury, Hawkes Bay and Bay of Plenty regions. Many of our courses are held here at Telford as it has excellent training facilities for its courses, including a conference room and several breakout rooms.

If you would like to attend one of our courses listed, please fill out a nomination form signed by your nominating authority and send into:

Mary Woodrow
Telford Rural Polytechnic
Private Box 6
Balclutha

Nominees and their nominating authority will be advised of their acceptance after the closing date and pre-course material and other information required will be sent to them. It is important that nominations are received by Telford by the date specified, to ensure a placing on the course and to receive any pre-course material in time.

Ad Hoc Courses:

If there are any courses we don't have on our programme this year that you need to attend please contact us, as we may look at the possibility of offering it. As if we can get a group of at least eight people together we can provide it.

National Certificates:

As a polytechnic we encourage students to aim to complete their National Certificates. Telford is accredited for National Certificate's in Fire & Rescue Services (Vegetation), Levels 2, 3, 4, 5, & 6.

Assessments:

For all theory unit standards students we expect you to complete any resits within six months. For any practical parts of unit standards students have one year to complete their assessment and return to Telford. After these dates the student should expect to have to re-enrol in the course and pay the fee again.

Contact people:

For any general course enquiries, results or nominations:

Mary Woodrow
Email: mary.woodrow@telford.ac.nz
Ph: (03) 419 0300

For any academic issues:

Lynne Johnston
Academic Director
Email: lynne.johnston@telford.ac.nz
Ph: (03) 419 0300

Course Nomination Form

For Rural Fire Training at Telford Rural Polytechnic – 2010

Course Name	14564 DKO the fire environment on vegetation fire behaviour – 21, 22 April	<input type="checkbox"/>
	14556 Fire Weather Index 2 day Workshop (Day 1: Introduction, Day 2: 14556) – 6, 7 th July	<input type="checkbox"/>
	Resource Unit Leader Workshop – 6 May	<input type="checkbox"/>
	3285 Protect Personal Safety (Aircraft Personnel) – 5 May	<input type="checkbox"/>
	22445 CIMS Level 4 – 12 & 13 May	<input type="checkbox"/>
	3289 Carrying out Prescribed Burning – 18, 19 May	<input type="checkbox"/>
	20399 Legislated Responsibilities of a RFO & RFA – 2 June	<input type="checkbox"/>
	20398 Issue Fire Permits – 3 June	<input type="checkbox"/>
	3290 Exercise Initial Response, Command & Control for Vegetation Fire Operations – 16, 17 June	<input type="checkbox"/>
	14564 (Aircraft Personnel) – DKO the fire environment on vegetation fire behaviour - 23 June	<input type="checkbox"/>
	Strategy & Tactics (Aircraft Personnel) – 24 June	<input type="checkbox"/>
	17593 & 497 Workplace health & safety – 6 July Morning	<input type="checkbox"/>
	17279 CIMS Level 2 – 6 July Afternoon	<input type="checkbox"/>
	3291 Lead a Vegetation Fire Crew – 7, 8 July	<input type="checkbox"/>
	14565 Using Maps to Navigate – 15 July	<input type="checkbox"/>
	20396 Manage Ground Operations – 21, 22 July	<input type="checkbox"/>
	3292 Lead Heavy Machinery Operations – 19 August	<input type="checkbox"/>
	3293 & 14563 Lead & Supervise Ground Support for Air Operations – 6, 7, 8 & 9 September	<input type="checkbox"/>
4648 - Demonstrate knowledge of vegetation fire behaviour - September	<input type="checkbox"/>	
GIS – Geographical Information Systems – 10 & 11 November	<input type="checkbox"/>	
Course Date/s	First Course _____ Second Course _____ Third Course _____	
Student Details	First Name _____ Surname _____ Phone _____ Address _____ Date of Birth _____ NZQA Number _____	

Nominating Organisation		
Authorisor's Name		
Authorisor's Signature		Date:
Invoice Address <i>(if different from above)</i>		
Emergency Contact <i>(While on Course)</i>	Name:	Phone (Night):
	Phone (Day):	

Nominations To: Mary Woodrow
Telford Rural Polytechnic
Private Box 6
Balclutha

Cancellations: *Five working days notice if not attending a course must be given or the full course fee will be charged.*

*All candidates must be nominated by their fire authority/employer.
It is the authorisor's responsibility to make sure that they are nominating suitable candidates who are likely to succeed.*

2010 Programme Summary

Unit Standard	Title	Tutor/s	Location	Applications Close	Date
14564	DKO Fire Environment on Vegetation Fire Behaviour	Rob Hands Trevor Tidey	TBA	19 March	21, 22 April
14556	Fire Weather Index 2 day workshop Day 1 – Introduction, Day 2 – 14556	Keith Marshall Tony Teeling	TBA	19 March	28, 29 April
3285	For aircraft personnel	Elton Smith Trevor Tidey	TBA	1 April	5 May
Com Ed	Resource Unit Leader Workshop	Brian Keown	Oamaru	1 April	6 May
22445	CIMS Level 4	Mike Grant & co	Telford	8 April	12, 13 May
3289	Carrying out prescribed Burning	Trevor Tidey Elton Smith	TBA	12 April	18, 19 May
20399	Legislated Responsibilities of a RFO & RFA	Graeme Still Trevor Tidey	TBA	16 April	2 June
20398	Issue Fire Permits	Graeme Still Trevor Tidey	TBA	30 April	3 June
3290	Exercise initial response, command, and control for vegetation fire operations	Keith Marshall Tony Teeling	Oamaru	10 May	16, 17 June
14564	For aircraft personnel	Trevor Tidey Richard McNamara	TBA	21 May	23 June
Com Ed	Strategy & Tactics for pilots	Trevor Tidey Richard McNamara	TBA	21 May	24 June
17593 & 497	Health and Safety	Elton Smith	Telford	2 June	6 July - Morning
17279	CIMS Level 2	Elton Smith	Telford	2 June	6 July – Afternoon

3291	Crew Leader	Neville Hills Graeme Still	Telford	3 June	7, 8 July
14565	Using Maps to Navigate	Tom Barr Don Geddes	TBA	11 June	15 July
20396	Manage Ground Operations	Rob Hands Trevor Tidey	Oamaru	17 June	21, 22 July
3292	Lead Heavy Machinery Operations	Te Be Advised	TBA	2 July	19 August
3293 & 14563	Lead & Supervise Ground Support for Air Operations	Te Be Advised	Christchurch	29 July	6, 7, 8 & 9 September
4648	Demonstrate Knowledge of Vegetation Fire Behaviour	TBA	TBA	30 July	September
Com Ed	GIS (Geographical Information Systems)	Mike Grant Olly Halleux	TBA	1 October	10, 11 November

Note: Location is to be decided by where majority of nominations are coming from.

Demonstrate Knowledge of the Fire Environment on Vegetation Fire Behaviour



Unit Standard:	14564
Credits:	Level 4, 3 Credits
Assessment to Unit Standard:	Yes
Course Date:	21, 22 April
Cost:	\$400.00
Course Location:	Christchurch
Entry Information:	Must have unit standard 3285
Pre Course Requirements:	There is a pre-course assignment and this must be completed prior to attending the course.
Course Facilitators:	Rob Hands & Trevor Tidey

Course Objective:

People credited with this unit standard are able to demonstrate knowledge of: vegetation fires; the effects of topography on vegetation fire behaviour; the effects of fuels on vegetation fire behaviour; effects of weather on vegetation fire behaviour; and the combined effects of fire environment factors on vegetation fire development and behaviour.

Who should attend?

- This unit standard is for personnel who want to achieve crew leader status (However - consideration will be given to all applicants who have the prerequisite)
- Applicants need to have a basic understanding of the Fire Environment (3285 Level)

National Certificates:

This unit standard is part of the National Certificate in Fire and Services (Vegetation) (Level 3)

Applications Close: 1 April 2010

Apply Fire Weather Index System Data for Fire Preparedness Measures



Unit Standard:	14556
Credits:	Level 4, 4 credits
Assessment to Unit Standard:	Yes
Course Date:	6, 7 th July 2010
Cost:	\$400.00
Course Location:	Christchurch
Entry Information:	Must have unit standard 14564
Pre Course Requirements:	Pre course work book to be completed
Course Facilitators:	Keith Marshall & Tony Teeling

Course Layout:

Course consists of an introduction workshop to the Fire Weather Index System on Day One and goes onto cover unit standard 14556 on Day Two.

Course Objective:

People doing this course will be able to demonstrate knowledge of the components of the Fire Weather Index (FWI) System; demonstrate knowledge of the FWI tables and their use; demonstrate knowledge of the combined effects of the FWI components in relation to fire danger; and select fire preparedness measures.

Who Should Attend:

Those personnel involved in the fire industry wishing to understand how forest and rural fire danger is calculated and those involved with setting daily fire preparedness measures for their RFA. Personnel attending this course will obtain a working knowledge and appreciation of the various weather inputs affecting fire danger and the various outputs of fuel moisture and fire behaviour indicators.

National Certificates:

This unit standard is part of the National Certificate in Fire and Services (Vegetation)
(Level 4)

Applications Close: 21 May 2010

Demonstrate Knowledge of Protection of Personal Safety at Vegetation Fires (For Aircraft Personnel)



Unit Standard:	3285
Credits:	Level 3, 3 Credits
Assessment to Unit Standard:	Yes
Course Date:	5 May 2010
Cost:	\$200.00
Course Location:	To be advised
Entry information:	Open
Pre-Course Requirements:	To have read pre-course booklet
Course Facilitators:	Elton Smith, Trevor Tidey

Course Objective:

People credited with this unit standard are able to demonstrate knowledge of: elements of vegetation fire behaviour; vegetation fire suppression strategies; attendance to personal safety on the incident ground; and safe practices when working at vegetation fires.

Who Should Attend:

This course is for RFA personnel and Aircraft Personnel (Pilots and their Support Ground Crew) in the vegetation fire rescue industry. This is the minimum entry-level requirements for personnel to enter a rural fire ground.

National Certificates:

This unit standard is part of the National Certificate in Fire and Services (Vegetation) (Level 2)

Applications Close: 19 March 2010

Resource Unit Leader

Workshop:	Resource Unit Leader
Course Date:	6 May 2010
Cost:	\$200.00
Course Location:	Oamaru
Entry Information:	Students require previous experience in an incident management role with an understanding of CIMS.
Pre-Course Requirements:	Completion of the pre-course student notes/workbook
Course Facilitators:	Brian Keown

Course Objective:

To provide personnel with the knowledge and practices for carrying out the role of Resource Unit Leader/staff member in an incident management team at a rural fire.

Course Content:

- Function, Structure and Responsibilities
- Organisation of the Resource Unit
- Carrying out the Role of Resource Unit Leader
- Incident Action Plan Input
- Practical Exercises

Who Should Attend:

This course is aimed for personnel likely to work in or manage the Resource Unit at emergency incidents. Personnel in this unit gather, maintain and present information on incident resources.

Applications Close: 1 April 2010

Apply the Coordinated Incident Management System at Incidents as a Team Member (CIMS)



Unit Standard:	22445
Credits:	Level 4, 4 Credits
Assessment to Unit Standard:	Yes
Course Date:	12, 13 May 2010
Cost:	\$400.00
Course Location:	Telford Rural Polytechnic
Entry information:	Pre-requisite is unit standard 17279
Pre-Course Requirements:	A short pre-course assignment is required to be completed and sent to Telford prior to the course.
Course Facilitators:	Mike Grant & Team

Course Objective:

To equip personnel who may be responding to an incident with the knowledge and skills required to apply the principles of the Coordinated Incident Management System (CIMS) including legislative considerations, Incident Management Teams and Incident Management Planning.

Who Should Attend:

This course is aimed at personnel who are most likely to be applying the CIMS system at an incident. The course will primarily focus on the four Incident Management Team positions. People filling roles in the Planning section units and Logistic section units will also benefit from this training. Most benefit is derived from having personnel from a variety of emergency services and allied organisations attend the course.

National Certificates:

This unit standard is part of the National Certificate in Fire and Services (Vegetation) (Level 4)

Applications Close: 8 April 2010

Carry out Ignition at Prescribed Vegetation Burning Operations



Unit Standard:	3289
Credits:	Level 3, 3 Credit
Assessment to Unit Standard:	Yes
Course Date:	18, 19 May 2010
Cost:	\$400.00
Course Location:	To be advised
Entry Information:	Must have unit standard 3285
Pre-Course Requirements:	May be some pre-course work to be completed
Course Facilitators:	Trevor Tidey & Elton Smith

Course Objective:

To equip personnel with the knowledge of vegetation burning operations and light up vegetative fuels at a prescribed vegetation burning operation.

Who Should Attend:

This course is intended for people who are required to use hand operated equipment to carry lighting up for burning of vegetation fuels.

National Certificates:

This unit standard is part of the National Certificate in Fire and Services (Vegetation) (Level 3)

Applications Close: 12 April 2010

Demonstrate Knowledge of Legislated Responsibilities of a Rural Fire Officer and a RFA



Unit Standard:	20399
Credits:	Level 3, 2 Credits
Assessment to Unit Standard:	Yes
Course Date:	2 June 2010
Cost:	\$200.00
Course Location:	To be advised
Entry Information:	It is recommended people have some fire experience; however this is not essential as RFOs carry out a variety of roles for their RFA.
Pre Course Requirements:	A copy of course student notes will be sent to successful applicants. The questions and exercises are to be completed and sent to the course facilitator at least 1 week prior to the course commencing. Failure to complete the pre course work will result in you being ineligible to attend the course. Must locate and bring a copy of fire plan to course.
Course Facilitators:	Graeme Still & Trevor Tidey

Course Objective:

To equip personnel with the legislative knowledge required understanding the responsibilities of a Rural Fire Officer (RFO) and also of a Rural Fire Authority (RFA). The course will use scenarios/examples to learn how legislative responsibilities apply to practical situations.

Who Should Attend:

Those people who are warranted RFOs for their RFA or who may be warranted in the future. As RFOs you require a broad working knowledge of the empowering legislation to guide you through the responsibilities and duties that you may perform on behalf of your RFA.

National Certificates:

This unit standard is part of the National Certificate in Fire and Services (Vegetation)
(Level 4)

Applications Close: 16 April 2010

Issue Fire Permits



Unit Standard:	20398 - <i>note: follows 20399</i>
Credits:	Level 4, 3 Credits
Assessment to Unit Standard:	Yes
Course Date:	3 June 2010
Cost:	\$200.00
Course Location:	To be advised
Entry Information:	Must have unit standard 20399 (NZQA requirement) as a pre-requisite and unit standard 14564 (Telford requirement).
Pre-Course Requirements:	A copy of course student notes will be sent to successful applicants. The questions and exercises are to be completed and sent to the course facilitator at least one week prior to the course commencing. Failure to complete the pre course work will result in you being ineligible to attend the course.
Course Facilitators:	Graeme Still & Trevor Tidey

Course Objective:

To equip personnel with the knowledge required to issue fire permits so they are compliant with the legislation and in accordance with the requirements of their RFA.

Who Should Attend:

This course is for people required by their RFA to issue fire permits. The course material will outline the information rural fire personnel need to know to correctly and efficiently issue fire permits.



Assessment to unit standard:

There will be a theory assessment on the course. Students will also need to complete the following satisfactorily:

- Complete and submit student notes (workbook) to assessor.
- Attendance and participation in training session; and
- Because each participants practical experience differs, further requirements may be required by attestation from a RFO who has witnessed the person performing the required tasks

National Certificates:

This unit standard is part of the National Certificate in Fire and Services (Vegetation) (Level 4)

Applications Close: 30 April 2010

Exercise Initial Response, Command, & Control for Vegetation Fire Operations



Unit Standard:	3290
Credits:	Level 5, 6 Credits
Assessment to Unit Standard:	Yes
Course Date:	16, 17 June 2010
Cost:	\$400.00
Course Location:	Oamaru
Entry Information:	Students must have successfully completed unit standards 14564 and 3291.
Pre-Course Requirements:	Completion of student notes/workbook
Course Facilitators:	Keith Marshall & Tony Teeling

Course Objective:

To equip personnel with the knowledge of the initial incident controller's obligations to health and safety at vegetation fire incidents; demonstrate knowledge of initial response, command, and resource mobilisation at a vegetation fire incident; size-up the situation and develop an initial incident action plan for vegetation fire situations; implement initial incident action plan for vegetation fire incidents; and complete recording and reporting procedures.

Who Should Attend:

This course is for crew leaders who have responsibility for the initial command of suppression operations at vegetation fires.

National Certificates:

This unit standard is part of the National Certificate in Fire and Services (Vegetation) (Level 4)

Applications Close: 10 May 2010

Demonstrate Knowledge of the Fire Environment on Vegetation Fire Behaviour (For Aircraft Personnel)



Unit Standard:	14564
Credits:	Level 4, 3 Credits
Assessment to Unit Standard:	Yes
Course Date:	23 June 2010
Cost:	\$200.00
Course Location:	To be advised
Entry Information:	Must have unit standard 3285
Pre Course Requirements:	There is a pre-course assignment and this must be completed prior to attending the course.
Course Facilitators:	Trevor Tidey & Richard McNamara

Course Objective:

People credited with this unit standard are able to demonstrate knowledge of: vegetation fires; the effects of topography on vegetation fire behaviour; the effects of fuels on vegetation fire behaviour; effects of weather on vegetation fire behaviour; and the combined effects of fire environment factors on vegetation fire development and behaviour.

Who should attend?

This course is for Aircraft Personnel who undertake fire suppression work in the vegetation fire rescue industry.

National Certificates:

This unit standard is part of the National Certificate in Fire and Services (Vegetation) (Level 3)

Applications Close: 21 May 2010

Strategy & Tactics for Pilots



Workshop:	Strategy & Tactics for Pilots
Assessment:	None
Course Date:	24 June 2010
Cost:	\$200.00
Course Location:	TBA
Entry Information:	Must have attended courses and hold unit standards for 3285 and 14564.
Pre-Course Requirements:	Nil
Course Facilitators:	Trevor Tidey & Richard McNamara

Course Objective:

This course is a follow on from the 14564 fire behaviour course. Participants will learn about aerial fire fighting strategies and tactics for successful and efficient fire suppression. Participants will gain knowledge of the use and application of fire suppressants and fire retardants.

Who Should Attend:

Those pilots and crew who have completed previous rural fire courses and attained the relevant unit standards. This course is for those who want to increase their knowledge and understanding in this field to become more efficient and effective operators.

Applications Close: 21 May 2010

Safe Work Practices & Workplace Health & Safety Requirements



Unit Standards:	497 & 17593
Credits:	497: Level 1, 3 credits 17593: Level 2, 4 credits
Assessment to Unit Standard:	Yes
Course Date:	6 July 2010, Morning
Cost:	\$100.00
Course Location:	Telford Rural Polytechnic
Entry Information:	Nil
Pre-Course Requirements:	Nil
Course Facilitator:	Elton Smith

Course Objective:

497: To equip people to be able to identify and describe legislative rights and responsibilities for workplace health and safety; describe the systems approach to workplace health and safety; and explain how hazards are defined in the HSE Act.

17593: To equip people to be able to identify the principles of workplace safety in a given workplace and demonstrate safe work practices in a specific workplace.

Who Should Attend:

People who wish to extend their knowledge in workplace health & safety and safe work practices in a rural fire context.

National Certificates:

Unit Standard 497 is part of the National Certificate in Fire and Services (Vegetation) (Level 2). Unit Standard 17593 is part of the National Certificate in Fire and Services (Vegetation) (Level 3).

Applications Close: 2 June 2010

Demonstrate Knowledge of the Coordinated Incident Management System (CIMS)



Unit Standard:	17279
Credits:	Level 2, 2 Credits
Assessment to Unit Standard:	Yes
Course Date:	6 July 2010, Afternoon
Cost:	\$100.00
Course Location:	Telford Rural Polytechnic
Entry Information:	Nil
Pre-Course Requirements:	Nil
Course Facilitator:	Elton Smith

Course Objective:

To equip personnel with the knowledge of the role and purpose of CIMS; and demonstrate knowledge of the elements, terminology, and structure of CIMS; and of the incident control procedures in CIMS operating environments.

Who Should Attend:

This course is aimed at personnel who require a basic knowledge of the CIMS system.

National Certificates:

This unit standard is part of the National Certificate in Fire and Services (Vegetation) (Level 2)

Applications Close: 2 June 2010



Lead a Vegetation Fire Crew

Unit Standard:	3291
Credits:	Level 4, 4 Credits
Assessment to Unit Standard:	Yes
Course Dates:	7, 8 July 2010
Cost:	Te be advised
Course Location:	Telford Rural Polytechnic
Entry Information:	Must have unit standards 3285 and 14564.
Pre-Course Requirements:	A short pre-course assignment is required to be completed and sent to the course facilitator at least one week prior to the course commencing. Failure to complete the pre-course work will result in you being ineligible to attend the course. Having attended vegetation fire incidents would be helpful. Having leadership aptitude and responsibility would be beneficial.
Course Facilitators:	Neville Hills & Graeme Still

Course Objective:

To develop crew management skills and further equip personnel who may be supervising a vegetation fire crew as a Crew Leader with the knowledge necessary to safely carryout this task.

Who Should Attend:

Personnel who have the **responsibility for or are likely to be in a leadership role** of leading fire fighting crew at a vegetation fire and who are operating under the command of a line supervisor.

National Certificates:

This unit standard is part of the National Certificate in Fire and Services (Vegetation) (Level 3)

Applications Close: 3 June 2010

Use Maps & Aerial Photographs to Locate & Navigate to Vegetation Fires



Unit Standard:	14565
Credits:	Level 3, 3 Credits
Assessment to Unit Standard:	Yes
Course Date:	15 July 2010
Cost:	\$200.00
Course Location:	To be advised
Entry Information:	Open
Pre-Course Requirements:	Pre-course work may be required
Course Facilitators:	Tom Barr, Don Geddes

Course Objective:

To equip personnel with the knowledge of maps used by the fire and rescue service provider; identify and report the location of a vegetation fire using maps and aerial photographs; select a route to navigate to and from a vegetation fire; and navigate cross-country to a vegetation fire.

Who Should Attend:

This course is for personnel at rural fires where the use of maps and aerial photographs are required.

National Certificates:

This unit standard is part of the National Certificate in Fire and Services (Vegetation) (Level 4)

Applications Close: 11 June 2010

Manage Ground Operations at Vegetation Fires



Unit Standard:	20396
Credits:	Level 5, 8 Credits
Assessment to Unit Standard:	Yes
Course Dates:	21, 22 July 2010
Cost:	\$400.00
Course Location:	Oamaru
Entry Information:	<p>As a prerequisite student's will need:</p> <ul style="list-style-type: none">• To hold unit standards 14564 and 4648 and must have a thorough understanding of vegetation fire behaviour; and• A thorough understanding of Fire Danger Rating and the Fire Weather Index (FWI) system. <p>Ideally students should have competence or equivalent knowledge and skills in unit standards:</p> <ul style="list-style-type: none">• 3290 – Exercise initial response, command and control for vegetation fire operations• 3291 – Lead a vegetation fire crew
Pre-Course Requirements:	<p>A copy of course student notes will be sent to successful applicants. The questions and exercises are to be completed and sent to the course facilitator at least one week prior to the course commencing. Failure to complete the pre-course work will result in you being ineligible to attend the course.</p>
Course Facilitators:	Rob Hands & Trevor Tidey

Course Objective:

To equip personnel who may be managing fireline activities at rural fires as a Sector Supervisor, Division Commander, and to a limited extent, Operations Manager, with the knowledge and skills required to carryout these functions from the initial phases of an incident through to the extended action phase of a large or complex rural fire incident.

Who Should Attend:

This course is aimed at personnel who may be required to take a leadership or management role at rural fires and who could be assigned to work in any one of a range of positions supervising or managing fireline suppression activities.

These positions could relate to those of:

- Sector Supervisor
- Division Commander
- Operations Manager (to a limited extent)

Assessment to unit standard:

There will not be any formal assessment on the course. Students who wish to be assessed against the unit standard will need to complete the following satisfactorily:

- Complete and submit student notes (workbook) to assessor.
- Attendance and participation in training session.
- Delivery of a 'six minutes for safety' briefing and completion of course exercises.
- Because each participant's practical experience differs, your next step will be to contact an approved assessor and discuss any other requirements you may need to fulfill.

National Certificates:

This unit standard is part of the National Certificate in Fire and Services (Vegetation) (Level 5)

Applications Close: 17 June 2010

Lead Heavy Machinery Operations for use at Vegetation Fires



Unit Standard:	3292
Credits:	Level 4, 3 Credits
Assessment to Unit Standard:	Yes
Course Date:	19 August 2010
Cost:	\$200.00
Course Location:	To be advised
Entry Information:	Must have unit standards 14564 and 3291
Pre-Course Requirements:	Completion of student notes/workbook
Course Facilitators:	To be advised

Course Objective:

To equip personnel with the knowledge of heavy machinery used in vegetation fire fighting; plan heavy machinery fire fighting operations; and lead heavy machinery operations to vegetation fires.

Who Should Attend:

This course is for personnel at rural fires where the use of heavy machinery is required.

National Certificates:

This unit standard is part of the National Certificate in Fire and Services (Vegetation) (Level 4)

Applications Close: 2 July 2010

Lead & Supervise Ground Support for Air Operations at Vegetation Fires



Unit Standard:	3293 & 14563
Credits:	3293: Level 4, 4 Credits 14563: Level 5, 5 Credits
Assessment to Unit Standard:	Yes
Course Date:	6,7,8, 9 September 2010
Cost:	To be advised
Course Location:	Christchurch
Entry Information:	Must have unit standard 20388 and recommended to have 14564
Pre-Course Requirements:	Completion of student notes/workbook
Course Facilitators:	To be advised

Course Objective:

To equip personnel with the basic knowledge of aircraft performance in relation to vegetation fire fighting; choose landing sites for fixed and rotary wing aircraft; and lead ground support operations at vegetation fires.

Who Should Attend:

This course is for personnel at vegetation fires who have responsibility for the ground support component of air operations.

National Certificates:

Unit Standard 3293 is part of the National Certificate in Fire and Services (Vegetation) (Level 4). Unit Standard 14563 is part of the National Certificate in Fire and Services (Vegetation) (Level 5).

Applications Close: 29 July 2010

Demonstrate knowledge of vegetation fire behaviour



Unit Standard: 4648

Credits: Level 5, 8 Credits

Assessment to Unit Standard: Yes

Course Date: 5 days in September 2010, dates to be confirmed

Cost: To be advised

Course Location: To be advised

Entry Information: Must have unit standard 14564 and 14556

Pre-Course Requirements: May be pre-course work to complete

Course Facilitators: To be advised

Course Objective:

People credited with this unit standard are able to demonstrate knowledge of: the vegetation fire environment; New Zealand weather that affects vegetation fire; fire science that relates to vegetation fire behaviour; fire behaviour information for fire pre-suppression and suppression planning; the NZFDRS; principles of extreme fire behaviour; and documentation of wildfire behaviour and suppression effectiveness.

Who Should Attend:

This unit standard is for people with responsibilities for vegetation fire pre-suppression preparedness planning functions and/or for managing vegetation fire fighting operations and/or prescribed burning.

National Certificates:

This unit standard is part of the National Certificate in Fire and Services (Vegetation) (Level 5)

Applications Close: 30 July 2010

Geographical Information Systems



Workshop: GIS

Assessment: On satisfactory completion of this course, participants will receive a confirmation letter from the NRFA, which will be evidence towards a credit in a Unit Standard qualification for this role should it become available.

Course Date: 10 & 11 November 2010

Cost: \$400.00

Course Location: Invercargill

Entry Information: You will need to demonstrate:

- A working knowledge of at least one recognised GIS System.
- A working knowledge of file structures and databases.
- Proven ability to use a GPS and the software necessary to upload and download *.wpts and track data.
- Proven ability in IT connectivity (and a willingness to pick up the role of IT support at vegetation fires if requested).
- We recommend competency in both CIMS 17279 and Unit Standard 3285 *Demonstrate knowledge of Protection of Personal Safety at Vegetation Fires* or demonstrate equivalent knowledge and skills.

Pre-Course Requirements: N/A

Course Facilitators: Mike Grant & Olly Halleux

Course Objective:

This course will provide a toolbox for the GIS Specialist to produce standard maps for incidents as quickly as possible. The course covers CIMS roles and reporting structures, pre-incident preparation, set up, initial mapping (first map on site), data structure, map types, products, data management, shift change, handover and shift timelines.

Who Should Attend:

This course is for GIS operators who could be called upon to produce maps at vegetation fire incidents.

Applications Close: 1 October 2010