



2017

Rescue 3 International®
COURSE PORTFOLIO

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About Rescue 3 International

Rescue 3 International produces and delivers state of the art technical rescue training courses.

More than 375,000 water, rope, boat and confined space Rescue 3 courses have been delivered in over 57 countries since 1979 to fire and rescue services, ambulance teams, mountain rescue teams, industrial and resource personnel, and commercial training and leisure activity providers.

The flagship Rescue 3 courses are Swiftwater and Flood Rescue Technician (SRT), Rope Rescue Technician (RRT), Swiftwater and Flood Rescue Boat Operator (SFRBO) and Confined Space Rescue Technician (CSRT). Rescue 3 also has supporting courses, offering awareness qualifications to specialist and management-level qualifications.

There are over 1500 Rescue 3 certified instructors throughout the world, delivering courses for a wide array of Rescue 3 training providers in many different industries. These are within the fire and rescue services, industrial companies, mountain rescue and water rescue teams, and other outdoor professional establishments. Additionally, there are a number of training centers who offer Rescue 3 courses on a commercial basis.

The reputation for quality hands-on instruction, using techniques that work, has fueled the growth of Rescue 3 and its courses.

History

Rescue 3 International was started in 1979 by a group of people involved with emergency services who identified a need for training in areas not commonly covered in the emergency training programs of the time.

The name, Rescue 3, was chosen when the company first started, because the instruction was concerned with all areas of rescue - land, air, and water - thus Rescue 3.

In 1981, the program was redesigned into an early form of the current Swiftwater Rescue Technician curriculum. Swiftwater classes were taught throughout California and slowly spread across the United States.

In late 1990, Rescue 3 became Rescue 3 International Incorporated. Over the course of the next several years, Rescue 3 International went on to develop instructor teams throughout the United States and over 57 countries worldwide.

In 1999, there was a major revision in the curriculum to meet the requirements of the new NFPA¹ 1670 and 1006 standards. The years since have been a period of great growth of internationally accredited technical rescue training. Rescue 3 has developed a number of specialized Rescue 3 courses in a variety of markets to meet the ever-increasing demand for internationally recognized rescue training of the highest standards.

¹ National Fire Protection Association

Progressing within Rescue 3

Student qualifications

Rescue 3 International offers courses in a variety of technical rescue specialties, including water, rope, boat and confined space. These are delivered at all levels, including awareness, operations, technician, advanced/specialist, and management.

Instructor qualifications

There are Rescue 3 International instructor qualifications for every level of student course. These can be for both commercial course delivery, or for delivery within an agency (e.g., a fire and rescue service).

Training providers

Instructors delivering Rescue 3 courses must do so for a Rescue 3 training provider. Training providers can either be commercial, or agency (i.e., delivering in-house).

There is a simple yet robust application process for becoming a Rescue 3 training provider. For training provider criteria and application forms, or to discuss the options available, please contact the Rescue 3 International office nearest you.

Accreditation checks

To check the status or validity of a Rescue 3 training provider, instructor or student, please contact the Rescue 3 International office nearest you.

Upon request, Rescue 3 International can also provide an organization with due dates for recertification for their Rescue 3 qualified staff.

Recertification

All Rescue 3 student qualifications are valid for a period of 3 years from the end date of the course. To maintain continuous certification, recertification must take place before the end of these 3 years.

Recertification can be at the same level as the initial course. Alternatively, you can add an additional skill-set by taking a higher level course. For example, you could recertify a Swiftwater and Flood Rescue Technician (SRT) course, by taking either a Rescues from Vehicles in Water (RVW) or Swiftwater and Flood Rescue Technician Advanced (SRTA) course.

Additionally, courses falling into a specialty course category can be recerted by taking any other course in that category. For a full explanation, see page 8.

Water specialty course recertification

Courses that fall in the Water Specialty Course category may be recertified one of two ways:

1. By retaking the same course or one at a higher level
2. By maintaining a current SRT certification through recerting the SRT or taking other higher level specialty courses.

By maintaining your certifications you will be eligible for updates and to take the course at recertification prices. However, Rescue 3 still highly suggests that students maintain knowledge of industry best practice in each discipline either by retaking each course periodically or through other means, such as actively working in that particular discipline.

Courses in this category include:

- Swiftwater Rescue Technician Advanced (SRTA)
- Flood Rescue Boat Operator (FRBO)
- Swiftwater Rescue Boat Operator (SRBO)
- Swiftwater & Flood Rescue Boat Operator (SFRBO)
- Swiftwater Paddle Boat Handling (SPBH)
- Management of Water and Flood Incidents (MWFI)
- Searching Rivers & Floods (SRF)
- Swiftwater Recovery Specialist (SRS)
- Technical Animal Rescue in Swiftwater (TAR)
- Personal Watercraft Rescue (PWC)

Rope specialty course recertification

Courses that fall in the Rope Specialty Course category may be recertified one of two ways:

1. By retaking the same course or one at a higher level
2. By maintaining a current RRT certification through recerting the RRT or taking other higher level specialty courses.

By maintaining your certifications you will be eligible for updates and to take the course at recertification prices. However, Rescue 3 still highly suggests that students maintain knowledge of industry best practice in each discipline either by retaking each course periodically or through other means, such as actively working in that particular discipline.

Courses in this category include:

- Animal Rescue Technician 1 (ARTech1)
- Animal Rescue Technician 2 (ARTech2)
- Rope Access for Emergency Responders (RAFER)
- Wind Turbine Access for Emergency Responders (WTAFER)
- Tower Rescue for Emergency Responders (TWR)

Regional Programs

As a worldwide training company Rescue 3 International recognizes that different countries and regions have different training needs. As such Rescue 3's programs vary in different parts of the world both in course structure and course content.

This document is meant as a tool to help the reader find courses that may fit their specific needs, however keep in mind that the courses in a specific region may be different. Also, not all courses are available in all areas and some regions offer courses that may not be listed in this document.

For a list of courses available in your region, contact the Rescue 3 Office nearest you (page 2) or visit us online at www.rescue3.com.

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Quick Reference

Courses by Industry



Emergency Services Courses

Water Courses

Course	Contact hours	Course prereqs	Page #
Water and Flood Awareness (AWR)	8 hours	None	138
Swiftwater and Flood Awareness Online (AWRO)	8 hours	None	118
Body Recovery from Water (BRW)	8 hours	None	40
Inland Rescue Swimmer Advanced (IRSA)	8 hours	IRS	68
Inland Rescue Swimmer Coastal (IRSC)	8 hours	IRS	70
Basic Water First Responder (BWFR)	12 hours	None	38
Operations: Swiftwater and Flood First Responder (OPS)	16 hours	None	76
Inland Rescue Swimmer (IRS)	16 hours	None	66
Swiftwater Recovery Specialist (SRS)	16 hours	SRT	126
Rescues from Vehicles in Water (RVW)	16 hours	SRT	90
Swiftwater and Flood Rescue Technician (SRT)	24 hours	None	122
Swiftwater & Flood Rescue Technician Advanced (SRTA)	24 hours	SRT & RRO orTRRTL	116
Technical Animal Rescue in Swiftwater (TAR)	24 hours	SRT	130
Searching Rivers and Floods (SRF)	32 hours	SRT	106
Management of Water & Flood Incidents (MWFI)	40 hours	None	74
Assessments			
Professional Qualification Assessment: Water (PQW)	8 hours	SRT	82
Professional Qualification Assessment: Water & Rope (PQWR)	16 hours	SRTA	84

Emergency Services Courses (continued)

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COURSES BY INDUSTRY

Ice Courses

Course	Contact hours	Course prereqs	Page #
Surface Ice Awareness (SIRA)	4 hours	None	108
Surface Ice Rescue Specialist (SIRS)	8 hours	SIRT	112
Surface Ice Rescue Technician (SIRT)	16 hours	None	114
Surface Ice Rescue Specialist (SIRS)	24 hours	None	112

Boat Courses

Course	Contact hours	Course prereqs	Page #
Swiftwater Paddle Boat Handling (SPBH)	12 hours	SRT	124
Personal Watercraft Surf Rescue Technician (PWC)	18 hours	SRT	78
Flood Rescue Boat Operator (FRBO)	24 hours	SRT	62
Swiftwater Rescue Boat Operator (SRBO)	24 hours	FRBO or SRT & boat experience	128
Swiftwater and Flood Rescue Boat Operator (SFRBO)	40 hours	SRT	120

Confined Space Courses

Course	Contact hours	Course prereqs	Page #
Confined Space Entry and Rescue (CSER)	6 hours	None	42
Confined Space Rescue Operator (CSRO)	30 hours	None	44
Confined Space Rescue Technician (CSRT)	30 hours	CSRO	46
Confined Space Rescue Specialist (CSRS)	30 hours	CSRO & CSRT	48

Emergency Services Courses (continued)

Rope Courses

Course	Contact hours	Course prereqs	Page #
First Due Low Angle (FDLA)	8 hours	None	56
Wind Turbine Access for Emergency Responders (WTAFER)	12 hours	RRO or TRROL or above	144
Wind Turbine Operator (WTO)	12 hours	Prior rope experience	146
Rope Access for Emergency Responders (RAFER)	18 hours	None	92
Technical Rope Rescue Operations Level (TRROL)	24 hours	None	132
Tower Safety, Climbing, & Rescue (TWR)	24 hours	RRO or TRROL or above	136
Rope Rescue Operator (RRO)	30 hours	None	95
Rope Rescue Technician (RRT)	30 hours	RRO	97
Rope Rescue Specialist (RRS)	30 hours	RRT	98
Technical Rope Rescue Technician Level (TRRTL)	40 hours	None	134
Animal Rescue Technician 1 (ART1)	40 hours	None	32
Animal Rescue Technician 2 (ART2)	40-56 hours	ART1	34
Assessments			
Professional Qualification Assessment: Rope (PQR)	8 hours	RRT or TRRTL	80
Professional Qualification Assessment: Water & Rope (PQWR)	16 hours	SRTA	84

Industry and Government Courses

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COURSES BY INDUSTRY

Water Courses

Course	Contact hours	Course prereqs	Page #
Safe Work Near Water (SWNW)	4 hours	None	104
Lifjacket Competent User (LJCU)	6 hours	None	72
Swiftwater and Flood Awareness Online (AWRO)	8 hours	None	118
Flood Worker Safety (FWS)	8 hours	None	64
Co-Worker Rescue from Water - Basic (CWRWB)	12 hours	None	52
Flood Operations (FO)	12 hours	None	60
Flood Management for Non-Emergency Services (FMNES)	12 hours	None	58
Co-Worker Rescue from Water - Basic and Moving (CWRWBM)	18 hours	None	54
Swiftwater and Flood Rescue Technician (SRT)	24 hours	None	122
Swiftwater & Flood Rescue Technician Advanced (SRTA)	24 hours	SRT & RRO or TRRTL	116

Ice Courses

Course	Contact hours	Course prereqs	Page #
Surface Ice Awareness (IRA)	4 hours	None	108
Surface Ice Rescue Specialist (SIRSU) - Upgrade	8 hours	IRT	112
Surface Ice Field Safety (IFS)	16 hours	None	110
Surface Ice Rescue Specialist (SIRS)	24 hours	None	112

Rope Courses

Course	Contact hours	Course prereqs	Page #
Safe Work at Heights (SWAH)	4 hours	None	100
Co-Worker Rescue at Heights (CWRH)	6 hours	None	50
Wind Turbine Operator (WTO)	12 hours	Prior rope experience	146
Tower Safety, Climbing, and Rescue (TWR)	24 hours	RRO or above	136
Rope Rescue Operator (RRO)	30 hours	None	95
Rope Rescue Technician (RRT)	30 hours	RRO	97
Rope Rescue Specialist (RRS)	30 hours	RRT	98
Animal Rescue Technician 1 (ART1)	40 hours	None	32
Animal Rescue Technician 2 (ART2)	40-56 hours	ART1	34

Confined Space Courses

Course	Contact hours	Course prereqs	Page #
Safe Working in Confined Spaces (SWCS)	3.5 hours	None	102
Confined Space Entry & Rescue (CSER)	6 hours	None	42
Basic Air Monitoring (BAM)	6 hours	None	36
Air Monitoring Qualified Person (AMQP)	12 hours	None	30
Confined Space Rescue Operator (CSRO)	30 hours	None	44
Confined Space Rescue Technician (CSRT)	30 hours	CSRO	46
Confined Space Rescue Specialist (CSRS)	30 hours	CSRO & CSRT	48

Outdoor Adventure Courses

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COURSES BY INDUSTRY

Course	Contact hours	Course prereqs	Page #
Recreational River Safety (RRS)	4 hours	None	88
Whitewater Rescue Technician (WRT)	16 hours	River experience	140
Whitewater Rescue Technician Professional (WRTP)	24 hours	Current River Guide	142
Recreational Rappel Operator (RRO)	32 hours	Rappelling experience	86

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COURSES BY INDUSTRY

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Quick Reference

Courses by Type



Water Courses

Course	Contact hours	Target Students			Course prereqs	Page #
		Emergency Services	Industry & Government	Outdoor Adventure		
Safe Work Near Water (SWNW)	4 hours		X		None	104
Recreational River Safety (RRS)	4 hours			X	None	88
Lifejacket Competent User (LJCU)	6 hours		X		None	72
Water & Flood Awareness (AWR)	8 hours	X			None	138
Swiftwater & Flood Awareness Online (AWRO)	8 hours	X	X		None	118
Body Recovery from Water (BRW)	8 hours	X			None	40
Flood Worker Safety (FWS)	8 hours		X		None	64
Inland Rescue Swimmer Advanced (IRSA)	8 hours	X			IRS	68
Inland Rescue Swimmer Coastal (IRSC)	8 hours	X			IRS	70
Basic Water First Responder (BWFR)	12 hours	X			None	38
Co-Worker Rescue from Water - Basic (CWRWB)	12 hours		X		None	52
Flood Operations (FO)	12 hours		X		None	60
Flood Management for Non-Emergency Services (FMNES)	12 hours		X		None	58
Operations: Swiftwater First Responder (OPS)	16 hours	X			None	76

Water Courses (continued)

Course	Contact hours	Target Students			Course prereqs	Page #
		Emergency Services	Industry & Government	Outdoor Adventure		
Inland Rescue Swimmer (IRS)	16 hours	X			None	66
Whitewater Rescue Technician (WRT)	16 hours			X	River experience	140
Swiftwater Recovery Specialist (SRS)	16 hours	X			SRT	126
Rescues from Vehicles in Water (RVW)	16 hours	X			SRT	90
Co-Worker Rescue from Water - Basic & Moving (CWRWBM)	18 hours		X		None	54
Swiftwater Rescue Technician (SRT)	24 hours	X	X		None	122
Whitewater Rescue Technician Professional (WRTP)	24 hours			X	Current River Guide	142
Swiftwater Rescue Technician Advanced (SRTA)	24 hours	X	X		SRT & RRO	116
Technical Animal Rescue in Swiftwater (TAR)	24 hours	X			SRT	130
Searching Rivers and Floods (SRF)	32 hours	X			SRT	106
Management of Water & Flood Incidents (MWFI)	40 hours	X			None	74
Assessments						
Professional Qualification Assessment: Water (PQW)	8 hours	X			SRT or SRTAW	82
Professional Qualification Assessment: Water & Rope (PQWR)	16 hours	X			SRTA	84

Ice Courses

Course	Contact hours	Target Students			Course prereqs	Page #
		Emergency Services	Industry & Government	Outdoor Adventure		
Surface Ice Awareness (IRA)	4 hours	X	X		None	108
Surface Ice Rescue Specialist (SIRSU) - Upgrade	8 hours	X	X		IRT	112
Surface Ice Rescue Technician (IRT)	16 hours	X			None	114
Surface Ice Field Safety (IFS)	16 hours		X		None	110
Surface Ice Rescue Specialist (SIRS)	24 hours	X	X		None	112

Boat Courses

Course	Contact hours	Target Students			Course prereqs	Page #
		Emergency Services	Industry & Government	Outdoor Adventure		
Swiftwater Paddle Boat Handling (SPBH)	12 hours	X			SRT	124
Personal Watercraft Surf Rescue Technician (PWC)	18 hours	X			SRT	78
Flood Rescue Boat Operator (FRBO)	24 hours	X			SRT	62
Swiftwater Rescue Boat Operator (SRBO)	24 hours	X			FRBO or SRT & boat experience	128
Swiftwater and Flood Rescue Boat Operator (SFRBO)	40 hours	X			SRT	120

Rope Courses

Course	Contact hours	Target Students			Course prereqs	Page #
		Emergency Services	Industry & Government	Outdoor Adventure		
Safe Work at Heights (SWAH)	4 hours		X		None	100
Co-Worker Rescue at Heights (CWRH)	6 hours		X		None	50
First Due Low Angle (FDLA)	8 hours	X			None	56
Wind Turbine Access for Emergency Responders (WTAFER)	12 hours	X			RRO or above	144
Wind Turbine Operator (WTO)	12 hours		X		Prior rope experience	146
Rope Access for Emergency Responders (RAFER)	18 hours	X			None	92
Technical Rope Rescue Operations Level (TRROL)	24 hours	X			None	132
Tower Safety, Climbing, and Rescue (TWR)	24 hours	X	X		RRO or above	136
Rope Rescue Operator (RRO)	30 hours	X	X		None	95
Rope Rescue Technician (RRT)	30 hours	X	X		RRO	97
Rope Rescue Specialist (RRS)	30 hours	X	X		RRT	98
Recreational Rappel Operator (RRO)	32 hours			X	Rappelling experience	86
Technical Rope Rescue Technician Level (TRRTL)	40 hours	X			None	134
Animal Rescue Technician 1 (ART1)	40 hours	X	X		None	32
Animal Rescue Technician 2 (ART2)	40-56 hours	X	X		ART1	34
Assessments						
Professional Qualification Assessment: Rope (PQR)	8 hours	X			RRT	80
Professional Qualification Assessment: Water & Rope (PQWR)	16 hours	X			SFRS	84

Confined Space Courses

Course	Contact hours	Target Students			Course prereqs	Page #
		Emergency Services	Industry & Government	Outdoor Adventure		
Safe Working in Confined Spaces (SWCS)	3.5 hours		X		None	102
Confined Space Entry & Rescue (CSER)	6 hours	X	X		None	42
Basic Air Monitoring (BAM)	6 hours		X		None	36
Air Monitoring Qualified Person (AMQP)	12 hours		X		None	30
Confined Space Rescue Operator (CSRO)	30 hours	X	X		None	44
Confined Space Rescue Technician (CSRT)	30 hours	X	X		CSRO	46
Confined Space Rescue Specialist (CSRS)	30 hours	X	X		CSRO & CSRT	48

3 Quick Reference

Instructor Courses



Instructor Courses

Water Instructor Courses

Course	Page #
Water and Flood Awareness Tutor (AWRT)	180
Basic Water First Responder Instructor (BWFRI)	152
Operations: Swiftwater First Responder Instructor (OPSI)	160
Swiftwater and Flood Rescue Technician Instructor (SRTI)	174
Swiftwater and Flood Rescue Advanced Instructor (SRTAI)	175
Management of Water and Flood Incidents Instructor (MWFII)	159
Searching Rivers and Floods Instructor (SRFI)	170
Swiftwater Recovery Specialist Instructor (SRSI)	177
Rescues from Vehicles in Water Instructor (RVWI)	163
Technical Animal Rescue from Swiftwater Instructor (TARI)	178
Inland Rescue Swimmer Instructor (IRSI)	158
Whitewater Rescue for Paddlers Instructor (WRPI)	181
Whitewater Rescue Technician Instructor (WRTI)	182

Ice Instructor Courses

Surface Ice Rescue Technician Instructor (SIRTI)	171
Surface Ice Rescue Specialist Instructor (SIRSI)	172

Boat Instructor Courses

Course	Page #
Swiftwater & Flood Rescue Boat Operator Instructor (SFRBOI)	173
Swiftwater Paddle Boat Handling Instructor (SPBHI)	176
Personal Watercraft Rescue Instructor (PWCI)	161

Rope Instructor Courses

Course	Page #
Safe Work at Heights Tutor (SWAHT)	168
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Rope Access for Emergency Responders Instructor (RAFERI)	164
Rope Rescue Operator Instructor (RROI)	165
Rope Rescue Technician Instructor (RRTI)	166
Rope Rescue Specialist Instructor (RRSI)	167
Tower Rescue Instructor (TWRI)	179
Wind Turbine Operator Instructor (WTOI)	183
Animal Rescue Technician Instructor (ARTI)	151
Recreational Rappel Instructor (RRI)	162

Confined Space Instructor Courses

Course	Page #
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Confined Space Entry and Rescue Instructor (CSERI)	153
Confined Space Rescue Operator Instructor (CSROI)	154
Confined Space Rescue Technician Instructor (CSRTI)	155
Confined Space Rescue Specialist Instructor (CSRSI)	156
Air Monitoring Instructor (AMI)	150
Recreational Rappel Instructor (RRI)	162

4 Course Descriptions

and Sample Skill Sheets



Regional Programs

As a worldwide training company Rescue 3 International recognizes that different countries and regions have different training needs. As such Rescue 3's programs vary in different parts of the world both in course structure and course content.

This document is meant as a tool to help the reader find courses that may fit their specific needs, however keep in mind that the courses in a specific region may be different. Also, not all courses are available in all areas and some regions offer courses that may not be listed in this document.

For a list of courses available in your region, contact the Rescue 3 Office nearest you (page 2) or visit us online at www.rescue3.com.

Air Monitoring Qualified Person (AMQP)

This course builds upon the content in the Basic Air Monitoring (BAM) course, adding additional practical skills in the second day. It covers the what, how and why of gas detection. Attention will be paid to various types of gases, oxygen levels, explosion levels and safe working values. In addition, different types of gas detection equipment are discussed together with the practical advantages and disadvantages.

Contact hours

12 hours

Prerequisites

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Basic Air Monitoring (BAM)
- Air Monitoring Qualified Person (AMQP)

Recertified By

- Air Monitoring Qualified Person (AMQP)

Taught by

- Air Monitoring Instructor (AMI)

Standard

Rescue 3 International Confined Space Rescue Standard

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AMQP

Air Monitoring Qualified Person (AMQP)

Skill/knowledge	Date	Student signature	Instructor signature
Lecture knowledge			
1. Rescue 3 philosophy			
2. Rules, regulations and standards			
3. Confined space definitions			
4. Generic confined space hazards			
5. Atmospheric hazards			
6. Worker safety and survival			
7. Oxygen-deficient and oxygen-enriched atmospheres			
8. LEL, UEL, flammability range, relative response curves			
9. Flashpoint, vapour pressure, vapour density			
10. Toxic gases			
11. Medical considerations with ammonia, carbon monoxide and hydrogen sulphide			
12. Ventilation principles			
13. Introduction to ATEX and inert atmospheres			
14. Maintenance of gas monitoring equipment			
Practical skills			
15. Reading safety datasheets			
16. Measuring oxygen levels with electrochemical oxygen sensors			
17. Measuring explosion levels with catalytic hot bead combustible sensors			
18. Measuring toxic levels with electrochemical toxic sensors			
19. Fresh air calibration and bump testing			
20. Types of hoses, leak testing, flushing hoses			
21. Expectations, strategy and measuring in confined spaces			
22. Interpretation and registration of monitoring data			
23. Use of measuring tubes			
24. Use of photo ionisation detectors (PID)			
25. Introduction to infrared (IR) measuring techniques			

4

AMQP

Animal Rescue Technician 1 (ART1)

This course integrates the most current technology and research on technical animal rescue from throughout the world, and utilizes “discovery learning” to teach skills necessary to safely effect technical rescues in environments ranging up trees to down cliffs. The course covers philosophy of animal emergency management, basic and specialized animal and technical rope rescue equipment, ropes and hardware, safety considerations, scene management and organization, ascending and descending systems, personal system change-overs, belaying, lowering and raising systems, system change-overs, patient packaging and management, ladder and tree rescue operations, animal body language, animal handling and restraint, animal first aid, field euthanasia, and chemical capture.

Contact hours

40 hours

Prerequisites

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Technical Rope Rescue Technician Level (TRRTL)
- Animal Rescue Technician 1 (ART1)
- Rope specialty course (see Rope specialty course recertification on pg 8)

Recerted by

- Animal Rescue Technician 1 (ART1)
- Animal Rescue Technician 2 (ART2)
- Technical Rope Rescue Technician Level (TRRTL)
- Professional Qualification Assessment: Rope (PQR)
- Professional Qualification Assessment: Water & Rope (PQWR)
- Rope specialty course (see Rope specialty course recertification on pg 8)

Taught by

- Animal Rescue Technician Instructor (ARTI)

Animal Rescue Technician 1 (ART1)

	RK/ RS	SKILLS/KNOWLEDGE	NFPA 1670:2014
1.	OS	<i>Human first aid: Comprehensive (recommended)</i>	
2.	RK	NFPA Standards	-
3.	RK	Size-up, management, and preplanning	17.2.3(1-9)
4.	RK	Absolutes of technical animal rescue	17.2.3(1)
5.	RK	Philosophy of animal emergency management	17.2.3(9)
6.	RS	Communications (voice, whistle, hand, radio)	17.2.3(6)
7.	RS	Ladder operations	17.3.3(12)
8.	RK	Incident command systems	17.2.3(4)
9.	RK	Operational health, safety and risk management	17.2.3(5), 17.3.3(1)
10.	RS	Anchor systems	17.3.3(5-7)
11.	RS	Rappel, ascend and self rescue	17.3.3(5-7)
12.	RS	Lowering systems with animal (low angle)	17.3.3(5-7)
13.	RS	Lowering systems with animal (high angle)	17.3.3(5-7)
14.	RS	Hauling systems with animal (low angle)	17.3.3(5-7)
15.	RS	Hauling systems with animal (high angle)	17.3.3(5-7)
16.	RS	Independent/safety systems	17.3.3(5-7)
17.	RS	Knot passing (ascend/descend and haul/lower/safety)	17.3.3(5-7)
18.	RK	Technical equipment specifications and application	17.2.3(6, 8)
19.	RK	Technical equipment maintenance	17.2.3(8)
20.	RS	Animal body language (large and small)	17.3.3(2), 17.3.3(10)
21.	RS	Animal handling and restraint (large and small)	17.3.3(3)
22.	RS	Animal first aid (large and small)	17.3.3(13)
23.	OS	Tree rescue operations/climbing based rescues	17.3.3(7)
24.	OK	Field euthanasia (large and small)	
25.	RK	Chemical capture	17.3.3(8)
26.	RK	Animal containment system and auxiliary equipment	17.3.3(11, 14)
27.	RS	Knots for high angle and general use	17.3.3(5-7)
28.	RS	Animal attachment points, rigging and packaging	17.3.3(4-6)
29.	RK	Night operations and safety protocols	17.2.3(5), 17.3.3(1)
30.	RK	Mud rescue theory	17.3.3(9)
31.	RK	Animal rescue involving HAZMAT considerations	17.2.3(10)
32.		Additional Skills:	
33.		Additional Skills:	

Animal Rescue Technician 2 (ART2)

The course includes helicopter operations, swiftwater rescue, horse trailer extrication, light urban search and rescue, ice rescue, advanced rope operations, restricted/confined space operations, elevated work platforms for rescue access and understanding disaster response standards (LEGS). Usually delivered as a number of short block courses, it can also be delivered as a single five to seven day course.

Contact hours

40-56 hours

Prerequisites

- Minimum age: 18
- Animal Rescue Technician 1 (ART1)

Qualification valid for

3 years

Recertifies

- Animal Rescue Technician 1 (ART1)
- Animal Rescue Technician 2 (ART2)
- Technical Rope Rescue Technician Level (TRRTL)
- Rope specialty course (see Rope specialty course recertification on pg 8)

Recerted by

- Animal Rescue Technician 2 (ART2)
- Technical Rope Rescue Technician Level (TRRTL)
- Professional Qualification Assessment: Rope (PQR)
- Professional Qualification Assessment: Water & Rope (PQWR)
- Rope specialty course (see Rope specialty course recertification on pg 8)

Taught by

- Animal Rescue Technician Instructor (ARTI)

4

ART2

Animal Rescue Technician 2 (ART2)

	<i>RK/RS</i>	<i>SKILLS/KNOWLEDGE</i>	<i>NFPA 1670:2014</i>
1.		Helicopter Operations	
2.	RK	Helicopter safety	17.4.3(10)
3.	RK	Animal rigging for helicopter lifting operations	17.4.3(10)
4.	RS	Animal extended lift helicopter rescue	17.4.3(10)
5.		Animal Technical Rescue	
6.	RK	Rescue rigging physics for animal rescue	17.4.3(4, 8)
7.	RS	Specialist animal rescue harness systems	17.4.3(1)
8.	RS	High angle animal rescue: pick off or mid-face	17.4.3(2)
9.	RS	High angle animal rescue: highline system	17.4.3(3)
10.	RS	High angle animal rescue: edge management	17.4.3(6)
11.	RS	High angle animal rescue: animal rescue litter/sling	17.4.3(5)
12.	RS	Decontamination of animals (HAZMAT)	17.4.3(11)
13.	RK	Trailer extrication hazards and management	17.4.3(9)
14.	RK	Restricted and confined space hazards and safety	17.4.3(9)
15.	OK	Livestock Emergency Guidelines and Standards	
16.	OS	Elevated Work Platform operation	
17.		Ice Rescue	
18.	CK	Escape path cutting or sideways drag or cantilevering	17.4.3(7)
19.		Structural Collapse Rescue	
20.	CK	USAR response system and scene management	
21.	CK	Building construction types	
22.	CK	Structural collapse patterns	
23.	CS	USAR search methods (incl. line and hail search)	
24.	CK	USAR search markings and signals	
25.	CK	USAR hazard and safety management	
26.		Swiftwater Rescue	
27.	CK	Hydrology and river safety	
28.	CS	River swimming (aggressive & defensive)	
29.	CS	C spine rolls – human	
30.	CS	River crossing (individual and team)	
31.	CS	Throw bagging (rescuer and receiver)	
32.	CS	Contact rescues – human and animal	
33.	CS	Tensioned diagonal (zip line)	
34.	OS	Boat on tether (2 and 4 point)	
35.	OS	Par buckling	
36.	OS	Righting flipped raft/boat or unwrapping raft	
37.	OS	Strainer negotiation	
38.	OK	Low head dam rescues	
39.	OS	Boat on highline systems	

Basic Air Monitoring (BAM)

This course covers the what, how and why of gas detection. Attention will be paid to various types of gases, oxygen levels, explosion levels and safe working values. In addition, different types of gas detection equipment are discussed together with the practical advantages and disadvantages.

Contact hours

6 hours

Prerequisites

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Basic Air Monitoring (BAM)

Recertified By

- Basic Air Monitoring (BAM)
- Air Monitoring Qualified Person (AMQP)

Taught by

- Air Monitoring Instructor (AMI)

Standard

Rescue 3 International Confined Space Rescue Standard

4

BAM

Basic Air Monitoring (BAM)

Skill/knowledge	Date	Student signature	Instructor signature
Lecture knowledge			
1. Rescue 3 philosophy			
2. Rules, regulations and standards			
3. Confined space definitions			
4. Generic confined space hazards			
5. Atmospheric hazards			
6. Worker safety and survival			
7. Oxygen-deficient and oxygen-enriched atmospheres			
8. LEL, UEL, flammability range, relative response curves			
9. Flashpoint, vapour pressure, vapour density			
10. Toxic gases			
11. Medical considerations with ammonia, carbon monoxide and hydrogen sulphide			
12. Ventilation principles			
13. Introduction to ATEX and inert atmospheres			
14. Maintenance of gas monitoring equipment			
Practical skills			
15. Reading safety datasheets			
16. Measuring oxygen levels with electrochemical oxygen sensors			
17. Measuring explosion levels with catalytic hot bead combustible sensors			
18. Measuring toxic levels with electrochemical toxic sensors			
19. Fresh air calibration and bump testing			
20. Types of hoses, leak testing, flushing hoses			
21. Expectations, strategy and measuring in confined spaces			
22. Interpretation and registration of monitoring data			

4

BAM

Basic Water First Responder (BWFR)

Designed for personnel who may be deployed to a basic (still) water environment, such as lakes, ponds and canals, where they may be required to undertake rescues. The course is a mixture of theory and practical sessions. The content includes the use of a variety of rescue equipment.

Contact hours

12 hours

Prerequisites

Must be a confident swimmer.

Minimum age: 18

Qualification valid for

3 years

Recertifies

- Water and Flood Awareness (AWR)
- Swiftwater and Flood Awareness Online (AWRO)
- Basic Water First Responder (BWFR)

Recerted by

- Basic Water First Responder (BWFR)
- Operations: Swiftwater and Flood First Responder (OPS)
- Swiftwater and Flood Rescue Technician (SRT)
- Swiftwater & Flood Rescue Technician Advanced (SRTA)
- Professional Qualification Assessment: Water (PQW)
- Professional Qualification Assessment: Water & Rope (PQWR)

Taught by

- Basic Water First Responder Instructor (BWFRI)
- Operations: Swiftwater First Responder Instructor (OPSI)
- Swiftwater and Flood Rescue Technician Instructor (SRTI)
- Swiftwater and Flood Rescue Advanced Instructor (SRTAI)

Standard

Rescue 3 International Water Rescue Standard

Basic Water First Responder (BWFR)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Knowledge				
Rescue 3 philosophy	1			
Training standards	2			
Hydrology and water hazards	4			
Personal equipment	7			
Technical and Team equipment	9			
Pre-planning	10			
Risk assessments	11			
Incident size-up	12			
Incident management and site control	14.1, 14.2			
Medical and decontamination considerations	16			
Considerations for night/poor visibility operations	17			
Mud, ice and unstable surface considerations	18			
Search Considerations	20			
Accidental immersion considerations	26			
Communications	22			
Water Skills				
Water entry and exit	27			
Shallow water techniques	32			
Swimming techniques and self rescue in a basic water environment	28			
Conditional rescues - talk, reach, throw	31.1-31.5			
True rescues in basic water	37			
True rescues in moving water - tethered	38			
Rescue platforms, sleds and boards	48			
Masks, fins, and floating rescue devices	49			

BWFR version 1.5.2

4

BWFR

Body Recovery from Water (BRW)

Body Recovery from Water (BRW) course is a one day classroom course. This course is aimed at those who may lead or participate in body recoveries, in particular but not limited to swiftwater environments. Participants need no prior water experience as the one day format is entirely classroom based.

The course covers the complexities and techniques of body recovery from shallow depth swiftwater environments. Developed by international experts and using the latest research to provide an evidence based curriculum, this one course covers legal authorities, disaster victim identification, recovery incident management, decomposition, water related death investigation considerations, infectious disease control, psychological considerations, management of family and media, recovery management structures, evidential recording for law enforcement, professional standards and ethics, specialist recovery equipment and methods.

This course has been attended by law enforcement and SAR practitioners from all around the world and has become highly acclaimed. It covers the effects and considerations for both fresh (swiftwater and stillwater) and salt water based body recoveries.

As this course uses real footage of body recoveries and decomposition, this course is not suitable for those who may find such information and viewing upsetting.

Contact Hours

8 hours

Prerequisites

- Minimum age: 18

Qualification valid for

3 years

Recertifies

- Water and Flood Awareness (AWR)
- Swiftwater and Flood Awareness Online (AWRO)
- Body Recovery from Water (BRW)

Recerted by

- Body Recovery from Water (BRW)
- Swiftwater Recovery Specialist (SRS)
- Swiftwater and Flood Rescue Technician (SRT)

Taught by

- Swiftwater Recovery Specialist Instructor (SRSI)

Body Recovery from Water (BRW)

	<i>RK/ RS</i>	<i>SKILLS/KNOWLEDGE</i>	<i>Date</i>	<i>Student Initials</i>	<i>Instructor Initials</i>
1.	RK	Determining mode (Rescue vs. Recovery)			
2.	RK	Local legal authority and roles			
3.	RK	Disaster victim identification			
4.	RK	Recovery management			
5.	RK	Absolutes of body recovery			
6.	RK	Decomposition factors and forensic considerations			
7.	RK	Infectious disease control and personal safety			
8.	RK	Psychological considerations			
9.	RK	Management of family and media			
10.	RK	Recording and presenting evidence for law enforcement			
11.	RK	Body recovery equipment, techniques and case studies			
12.	RK	Recovery methods from highline			
13.	RK	Recovery methods using advanced throw bag techniques			
14.	RK	Recovery methods from boat or board			
15.	RK	Specialist equipment: Mr. Flexi, Captain Hook			
16.	RK	SRS/BRW written exam			
17.	OS	Swiftwater recovery exercise (cold zone role)			
18.		Additional skill/knowledge:			

Confined Space Entry and Rescue (CSER)

Everyone who works in confined spaces may be faced with a colleague who is incapacitated and requires rescue. The Confined Space Entry and Rescue (CSER) course teaches participants to deal with that situation. Using simple techniques and industry standard equipment, you will learn how you can free a colleague from a dangerous situation in confined spaces. The rapid release of this trapped person must be your highest priority, to prevent further injury. In accordance with the law on working conditions and the consequent duty of care, an employer is required to prepare employees for this possible scenario. Generally, with a few simple tools, this problem can easily be solved.

Contact hours

6 hours

Prerequisites

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Safe Working in Confined Spaces (SWCS)
- Confined Space Entry and Rescue (CSER)

Recertified By

- Confined Space Entry and Rescue (CSER)
- Confined Space Rescue Operator (CSRO)
- Confined Space Rescue Technician (CSRT)
- Confined Space Rescue Specialist (CSRS)

Taught by

- Confined Space Rescue Operator Instructor (CSROI)
- Confined Space Rescue Technician Instructor (CSRTI)
- Confined Space Rescue Technician Specialist (CSRSI)

Standard

Rescue 3 International Confined Space Rescue Standard

Confined Space Entry and Rescue (CSER)

Skill / Knowledge	Standard	Date	Student Initials	Instructor Initials
Rescue 3 Philosophy	1			
Training Standards	2			
Confined Space definitions and hazards	3			
Air monitoring and confined space ventilation	4.1 - 4.4			
Lock-out, tag-out, try-out	5.1, 5.2			
Medical considerations	6			
Personal Equipment	7			
Technical Equipment	8.1, 8.3, 8.4			
Breathing Apparatus	9.1 - 9.4			
Pre-planning	10			
Risk Assessments	11.1, 11.3, 11.4			
Work permits and work procedures	12			
Incident size-up	13.2, 13.4, 13.5, 13.6			
Incident management and site control	14.1 - 14.4			
Loads and forces	15.1			
System safety checks	16			
Communications	17.2, 17.3, 17.5, 17.6			
Knots	18			
Anchor Systems	19.1-19.6			
Rope protection	20			
Work restraint	21			
Fall arrest	22			
Connecting a casualty to a line using a telescopic pole	23			
Casualty care	26.1, 26.2			
Emergency descending	27			
Lead climbing with lanyards	28.1 - 28.3			

Confined Space Rescue Operator (CSRO)

The Confined Space Rescue Operator (CSRO) course introduces the knowledge and skills required by personnel to operate safely and effectively during confined space rescues and be an active part of a confined space rescue team working under the supervision of Confined Space Rescue Technicians. Topics that are covered include: hazards of confined spaces, gas detection, legislation and guidelines on the area of confined spaces, knowledge of knots, loads and forces, building anchors, using pulley systems, use of tripod, self-climbing and rappelling, lowering and hoisting of rescuer and victim, standard configurations, stretchers used for confined space, situation analysis and incident management around incidents in confined spaces.

Contact hours

30 hours

Prerequisites

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Safe Working in Confined Spaces (SWCS)
- Confined Space Entry and Rescue (CSER)
- Confined Space Rescue Operator (CSRO)

Recertified By

- Confined Space Rescue Operator (CSRO)
- Confined Space Rescue Technician (CSRT)
- Confined Space Rescue Specialist (CSRS)

Taught by

- Confined Space Rescue Operator Instructor (CSROI)
- Confined Space Rescue Technician Instructor (CSRTI)
- Confined Space Rescue Technician Specialist (CSRSI)

Standard

Rescue 3 International Confined Space Rescue Standard

Confined Space Rescue Operator (CSRO)

Skill / Knowledge	Standard	Date	Student Initials	Instructor Initials
Rescue 3 Philosophy	1			
Training Standards	2			
Confined Space definitions and hazards	3			
Air monitoring and confined space ventilation	4.1- 4.4			
Lock-out, tag-out, try-out	5			
Medical considerations	6			
Personal Equipment	7			
Technical Equipment	8.2 - 8.4			
Breathing Apparatus	9.1 - 9.4			
Pre-planning	10			
Risk Assessments	11.1, 11.3, 11.4			
Work permits and work procedures	12			
Incident size-up	13			
Incident management and site control	14.1 - 14.3, 14.5, 14.8, 14.11			
Loads and forces	15.2 - 15.9, 15.11, 15.12			
System safety checks	16			
Communications	17.1 -17.6			
Knots	18			
Anchor Systems	19.1-19.6			
Rope protection	20			
Work restraint	21			
Fall arrest	22			
Connecting a casualty to a line using a telescopic pole	23			
Lifting and lowering a casualty using a pre-installed device	24			
Mechanical advantage	25			
Casualty care	26.3, 26.4			
Lead climbing with lanyards	28.1, 28.3, 28.4			
Personal ascending and descending	29			
Climbing over a 90 degree edge	30			
Lead climbing with lanyards	31			
Team-based pick-offs	32			
Litter management - low angle	33			
Litter management - high angle	34			
Team-based raising and lowering systems	35			
High directional	37.1, 37.1, 37.5			
Offsets - tagline	38			
Scenarios	45			

Confined Space Rescue Technician (CSRT)

The Confined Space Rescue Technician (CSRT) course covers concepts and techniques to enable small teams to undertake technical confined space rescues. Both individual and team skills are extensively addressed. Topics that are thoroughly covered are hazard, gas detection, legislation, international guidelines, key learning, extensive loads and forces, building anchors, using pulley systems, use of tripod for entry and evacuation, self-climbing and rappelling, lowering and hoisting of rescuer and victim, use of stretchers and various stretcher configurations in confined spaces, moving and evacuations from manholes, victim care, building horizontal span, situation analysis, incident management and various scenarios.

Contact hours

30 hours

Prerequisites

- Confined Space Rescue Operator (CSRO)
- Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Safe Working in Confined Spaces (SWCS)
- Confined Space Entry and Rescue (CSER)
- Confined Space Rescue Operator (CSRO)
- Confined Space Rescue Technician (CSRT)

Recertified By

- Confined Space Rescue Technician (CSRT)
- Confined Space Rescue Specialist (CSRS)

Taught by

- Confined Space Rescue Technician Instructor (CSRTI)
- Confined Space Rescue Technician Specialist (CSRSI)

Standard

Rescue 3 International Confined Space Rescue Standard

Confined Space Rescue Technician (CSRT)

Skill / Knowledge	Standard	Date	Student Initials	Instructor Initials
Rescue 3 Philosophy	1			
Training Standards	2			
Confined Space definitions and hazards	3			
Air monitoring and confined space ventilation	4.1- 4.4			
Lock-out, tag-out, try-out	5			
Medical considerations	6			
Personal Equipment	7			
Technical Equipment	8.2 - 8.4			
Breathing Apparatus	9			
Pre-planning	10			
Risk Assessments	11.1 - 11.4			
Work permits and work procedures	12			
Incident size-up	13.1 - 13.5,			
Incident management and site control	14.1 - 14.3, 14.5 - 14.9, 14.11, 14.12			
Loads and forces	15.2 - 15.9, 15.11-15.13			
System safety checks	16			
Communications	17			
Knots	18			
Anchor Systems	19.1-19.7			
Rope protection	20			
Work restraint	21			
Fall arrest	22.1			
Lifting and lowering a casualty using a pre-installed device	24			
Mechanical advantage	25			
Casualty care	26.3 - 26.5			
Team-based pick-offs	32			
Litter management - high angle	34.2			
Mirrored team-based raising and lowering systems	36			
High directional	37.1, 37.2, 37.3, 37.5			
Offsets - deflection	39			
Passing knots through a system	40			
Scenarios	45			

4

CSRT

Confined Space Rescue Specialist (CSRS)

The Confined Space Rescue Specialist (CSRS) course is for confined space rescue team members who already have completed a comprehensive basic training and want to continue to specialize. This training continues where the CSRT course finishes.

Contact hours

30 hours

Prerequisites

- Confined Space Rescue Operator (CSRO)
- Confined Space Rescue Technician (CSRT)
- Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Safe Working in Confined Spaces (SWCS)
- Confined Space Entry and Rescue (CSER)
- Confined Space Rescue Operator (CSRO)
- Confined Space Rescue Technician (CSRT)
- Confined Space Rescue Specialist (CSRS)

Recertified By

- Confined Space Rescue Specialist (CSRS)

Taught by

- Confined Space Rescue Technician Specialist (CSRSI)

Standard

Rescue 3 International Confined Space Rescue Standard

Confined Space Rescue Specialist (CSRS)

Skill / Knowledge	Standard	Date	Student Initials	Instructor Initials
Rescue 3 Philosophy	1			
Training Standards	2			
Confined Space definitions and hazards	3			
Air monitoring and confined space ventilation	4			
Lock-out, tag-out, try-out	5			
Medical considerations	6			
Personal Equipment	7			
Technical Equipment	8.2 - 8.4			
Breathing Apparatus	9			
Pre-planning	10			
Risk Assessments	11.1 - 11.4			
Work permits and work procedures	12			
Incident size-up	13			
Incident management and site control	14.1, 14.2, 14.5, 14.7 - 14.12			
Loads and forces	15.2 - 15.13			
System safety checks	16			
Communications	17			
Anchor Systems	19.2-19.5, 19.8, 19.9			
Rope protection	20			
Work restraint	21			
Fall arrest	22.1			
Lifting and lowering a casualty using a pre-installed device	24.1, 24.4			
Mechanical advantage	25			
Casualty care	26.3 - 26.5			
Team-based pick-offs	32			
Litter management - high angle	34.2			
Mirrored team-based raising and lowering systems	36.1 - 36.6			
High directional	37.1, 37.4, 37.5			
Vertically oriented stretcher abrupt edge transitions without a high directional	41			
Offsets - track/guideline, skateblock, deflection, two-rope	42			
Night/poor visibility operations	43			
Highline rope system - Kootenay highline	44			

Co-Worker Rescue at Heights (CWRH)

Everyone who works at height may be faced with a colleague who has fallen and is hanging helplessly in his fall protection system. The Co-Worker Rescue at Heights course teaches participants to deal with that situation. Using simple techniques and industry standard equipment, you will learn how you can free a colleague from a dangerous situation after they have dropped into their fall arrest system. The rapid release of this trapped person must be your highest priority, to prevent further injury. In accordance with the law on working conditions and the consequent duty of care, an employer is required to prepare employees for this possible scenario. Generally, with a few simple tools, this problem can easily be solved.

Contact hours

6 hours

or

3.5 hour add-on to SWAH qualification

Prerequisites

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Safe Work at Heights (SWAH)
- Co-Worker Rescue at Heights (CWRH)

Recerted by

- Co-Worker Rescue at Heights (CWRH)
- Rope Access for Emergency Responders (RAFER)
- Rope Rescue Operator (RRO)
- Rope Rescue Technician (RRT)
- Rope Rescue Specialist (RRS)
- Wind Turbine Access for Emergency Responders (WTAFER)
- Wind Turbine Operator (WTO)
- Tower Safety, Climbing, & Rescue (TWR)

Taught by

- Co-Worker Rescue at Heights Instructor (CWRHI)
- Rope Access for Emergency Responders Instructor (RAFERI)
- Rope Rescue Operator Instructor (RROI)
- Rope Rescue Technician Instructor (RRTI)
- Rope Rescue Specialist Instructor (RRSI)

Standard

Rescue 3 International Rope Rescue Standard

Co-Worker Rescue at Heights (CWRH)

Skill / Knowledge	Standard	Date	Student Initials	Instructor Initials
Rescue 3 Philosophy	1			
Training Standards	2			
Medical considerations	3			
Personal equipment	4			
Technical Equipment	5			
Pre-planning	6			
Risk assessments	7			
Incident size-up	8.2 - 8.4, 8.7			
Incident Management & Site Control	9.1 - 9.4			
Loads and forces	10.1 - 10.3			
System safety checks	11			
Communications	12			
Knots	13			
Anchor systems	14			
Rope Protection	15			
Work restraint	16			
Fall arrest	17			
Emergency descending	18			
Lead climbing with lanyards	19			
Connecting a casualty on a line using a telescopic pole	20			
Lifting and lowering a casualty using a preinstalled device	21.1 - 20.2			
Casualty care	22			
Individual pick-offs	27			

4

CWRH

Co-Worker Rescue from Water - Basic (CWRWB)

This course provides the knowledge and techniques to allow employees to provide bank-based rescue cover for their colleagues working next to basic water environments (e.g., small lakes, canals, sheltered harbors, and marinas where use of a powered safety boat is not required).

The equivalent course for rescue teams is Basic Water First Responder (BWFR) (see page 38).

Contact hours

16 hours

Prerequisites

- Must be a confident swimmer.
- Minimum age: 18

Qualification valid for

3 years

Recertifies

- Safe Work Near Water (SWNW)
- Co-Worker Rescue from Water - Basic (CWRWB)

Recerted by

- Co-Worker Rescue from Water - Basic (CWRWB)
- Co-Worker Rescue from Water - Basic and Moving (CWRWBM)

Taught by

- Operations: Swiftwater First Responder Instructor (OPSI)
- Swiftwater and Flood Rescue Technician Instructor (SRTI)
- Swiftwater and Flood Rescue Advanced Instructor (SRTAI)

Standard

[Rescue 3 International Water Rescue Standard](#)

Co-Worker Rescue from Water - Basic (CWRWB)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Lecture/knowledge				
Rescue 3 philosophy	1			
Training standards	2			
Hydrology and water hazards	4			
Personal equipment	7.1, 7.3 7.4			
Technical and Team equipment	9			
Pre-planning	10			
Risk assessments	11			
Incident size-up (non-emergency services)	13			
Incident management and site control	14			
Medical and decontamination considerations	16.1, 16.3, 16.4			
Considerations for night/poor visibility operations	17			
Mud, ice and unstable surface considerations	18.1			
Communications	22			
Accidental immersion considerations	26			
Search Considerations	20			
Practical skills				
Water entry and exit	27			
Shallow water techniques	32.1 - 32.3			
Swimming techniques and self rescue in a basic water environment	28			
Conditional rescues - talk, reach, throw	31.1 - 31.5			
True rescues in moving water - tethered	38.1			
Rescue platforms, sleds and boards	48			
Masks, fins, and floating rescue devices	49			
Victim management	43			
People and equipment entrapments	42.1 - 42.4			

CWRWB version 15.1

4

CWRWB

Co-Worker Rescue from Water - Basic and Moving (CWRWBM)

This course provides the knowledge and techniques to allow employees to provide bank-based rescue cover for their colleagues working next to moving water (inland rivers, confined tidal flows) where use of a powered safety boat is not required.

Contact hours

24 hours

Prerequisites

- Must be a confident swimmer.
- Minimum age: 18

Qualification valid for

3 years

Recertifies

- Safe Work Near Water (SWNW)
- Co-Worker Rescue from Water - Basic (CWRWB)
- Co-Worker Rescue from Water - Basic & Moving (CWRWBM)

Recerted by

- Co-Worker Rescue from Water - Basic & Moving (CWRWBM)

Taught by

- Operations: Swiftwater First Responder Instructor (OPSI)
- Swiftwater and Flood Rescue Technician Instructor (SRTI)
- Swiftwater and Flood Rescue Advanced Instructor (SRTAI)

Standard

[Rescue 3 International Water Rescue Standard](#)

4

CWRWBM

Co-Worker Rescue from Water - Basic & Moving (CWRWBM)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Lecture/knowledge				
Rescue 3 philosophy	1			
Training standards	2			
Hydrology and water hazards	4			
Personal equipment	7.1, 7.3 7.4			
Technical and Team equipment	9			
Pre-planning	10			
Risk assessments	11			
Incident size-up (non-emergency services)	13			
Incident management and site control	14			
Medical and decontamination considerations	16.1, 16.3, 16.4			
Considerations for night/poor visibility operations	17			
Mud, ice and unstable surface considerations	18.1			
Communications	22			
Accidental immersion considerations	26			
Search Considerations	20			
Practical skills				
Water entry and exit	27			
Shallow water techniques	32			
Swimming techniques and self rescue in a basic water environment	29, 28.4			
Conditional rescues - talk, reach, throw	31.1 - 31.5			
True rescues in moving water - tethered	38.1			
Rescue platforms, sleds and boards	48			
Masks, fins, and floating rescue devices	49			
Victim management	43			
People and equipment entrapments	42.1 - 42.4			
Tensioned diagonals	35			
Line crossing methods	36			
Knots and anchor systems	44			
Tensioning systems and mechanical advantage	45			
Belay systems	46			

CWRWBM version 1.5.1

4

CWRWBM

First Due Low Angle (FDLA)

Designed with a focus on the fire service, the course equips first due engine & rescue crews with the basic skills required to safely and efficiently conduct patient access and extraction during low complexity, vehicle over the embankment rescues.

Central to the course is the introduction of the latest in proven international and industrial tools & practices, offering significant efficiencies in instruction time, field deployment times and student retention.

Due to the narrow focus, students completing the course will not possess many of the knowledge and skill sets associated with general rope rescue.

Contact hours

8 hours

Prerequisites

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- First Due Low Angle (FDLA)

Recerted by

- First Due Low Angle (FDLA)
- Rope Rescue Operator (RRO)
- Rope Rescue Technician (RRT)
- Technical Rope Rescue Operations Level (TRROL)
- Technical Rope Rescue Technician Level (TRRTL)

Taught by

- Rope Rescue Operator Instructor (RROI)
- Rope Rescue Technician Instructor (RRTI)

First Due Low Angle (FDLA)

<i>SKILLS/KNOWLEDGE</i>	<i>Date</i>	<i>Student Initials</i>	<i>Instructor Initials</i>
1. Rescue 3 Philosophy			
2. Rescuer Safety & Survival			
3. Personal and team gear			
4. Equipment care and maintenance/ record keeping			
5. Pre-incident planning			
6. Size up & Incident management			
7. On scene safety briefing and site control			
a. Lock out			
b. Staging of units			
c. Traffic/bystander control			
8. Knots/hitches			
a. Figure eight on a byte			
b. Prussic hitch			
9. Basket anchor systems			
10. Low angle rappelling			
11. Lowering and raising systems/changeover			
12. Low angle litter operations			
a. Patient packaging			
b. Low angle movement			
13. Scenarios			

4

FDLA

Flood Management for Non-Emergency Services (FMNES)

The FMNES course is designed for managers of non-emergency services during flood events, for example, managers of utilities, road workers, and transport companies. Topics covered include operating safely in flood zones, equipment needs, preplanning, risk management, and multi-agency flood planning.

Contact hours

12 hours

Prerequisites

Must be a confident swimmer.

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Flood Worker Safety (FWS)
- Flood Operations (FO)
- Flood Management for Non-Emergency Services (FMNES)

Recerted by

- Flood Management for Non-Emergency Services (FMNES)

Taught by

- Management of Water and Flood Incidents Instructor (MWFII)

Standard

Rescue 3 International Water Rescue Standard

Flood Management for Non Emergency Services (FMNES)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Knowledge				
Rescue 3 philosophy	1			
Training standards	2			
Hydrology and water hazards	4			
Floodwater dynamics and hazards	5			
Personal equipment	7			
Technical and Team equipment	9			
Guidance and best practice documents	69			
Flood rescue techniques				
Swiftwater swimming techniques (optional)	29			
Conditional rescues - talk, reach, throw (optional)	31			
Shallow water techniques (optional)	32			
People and equipment entrapments (optional)	42			
Considerations for night/poor visibility operations	17			
Water incident management				
Pre-planning for flood incidents	71			
Incident size-up	12			
Incident management and site control	14.1, 14.2, 14.3			
Welfare Considerations	72			
Medical and decontamination considerations	16			
Communications	22			
Local emergency flood plans	75			
Multi-agency command and control considerations	76			
Team typing and deployment of national assets	77			
Other				
Optional:				

Remarks:

FMNES version 1.5.1

4

FMNES

Flood Operations (FO)

The Flood Operations course was designed to provide emergency planners and emergency workers with the necessary knowledge and techniques to enable them to assess and work in flood environments. Flood Operations is perfect for those who will be working in heavy flood conditions, such as hydrologists, dam workers, road workers, and utilities repair workers. The course is a mixture of theory input and in-water practical sessions.

Contact hours

12 hours

Prerequisites

Must be a confident swimmer
Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Flood Worker Safety (FWS)
- Flood Operations (FO)

Recerted by

- Flood Operations (FO)
- Flood Management for Non-Emergency Services (FMNES)

Taught by

- Operations: Swiftwater First Responder Instructor (OPSI)
- Swiftwater and Flood Rescue Technician Instructor (SRTI)
- Swiftwater and Flood Rescue Advanced Instructor (SRTAI)

4

FO

Flood Operations (FO)

Skill/knowledge	Date	Student signature	Instructor signature
Lecture knowledge			
1. Rescue 3 philosophy			
2. Health and safety brief			
3. Water safety principles and philosophy			
4. Water and flood dynamics and hazards			
5. HAZMAT			
6. Flood management			
7. Pre-planning			
8. Tactical decision making			
9. Flood assets			
10. Medical considerations			
11. Working at night			
12. Personal protective equipment			
13. Basic rescue protocols			
Practical skills			
14. Defensive and aggressive swimming			
15. Shallow water crossings			
16. Foot and body entrapments			
Other			
Optional:			

Flood Rescue Boat Operator (FRBO)

Flood Rescue Boat Operator is a course designed to train rescue personnel in handling motorized boats during flood operations. Students are exposed to a number of topics including types of motorized boats suitable for water rescue, boat handling on still or slowly moving water, crew roles, boat safety and problem solving. Techniques are then put to work doing searches in flood environments, stranded victim and in-water retrieval, and rescue of conscious and unconscious persons.

Contact hours

24 hours

Prerequisites

- Minimum age: 18.
- Must be a confident swimmer.
- Swiftwater and Flood Rescue Technician (SRT)

Qualification valid for

3 years

Recertifies

- Flood Rescue Boat Operator (FRBO)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Recerted by

- Flood Rescue Boat Operator (FRBO)
- Swiftwater Rescue Boat Operator (SRBO)
- Swiftwater and Flood Rescue Boat Operator (SFRBO)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Taught by

- Swiftwater & Flood Rescue Boat Operator Instructor (SFRBOI)

Flood Rescue Boat Operator (FRBO)

	Skill / Knowledge		Date Performed/Observed	Student Initials	Instructor Initials
1.	Operational Risk Assessment	Lecture			
2.	Crew Positions and Responsibilities	Lecture			
3.	Boat Handling Theory	Lecture			
4.	Navigation Rules	Lecture			
5.	Swiftwater Dynamics – Class I	Lecture			
6.	Inter-Agency Operations and Large Scale Incidents	Lecture			
7.	Search Techniques	Lecture			
8.	Daily, Pre-Trip and Post-Trip Check Procedures				
9.	Boat Rigging				
10.	Station Holding – Class I				
11.	Mid-Stream Object Touches – Class I				
12.	Motor Failure Procedures – Class I				
13.	Close Quarter Maneuvering – Class I				
14.	On Plane Maneuvering – Class I				
15.	Person In Water Recovery – Class I				
16.	Rescue Swimmer Deployment – Class I				
17.	Capsize Recovery – Class I				
18.	Towing – Class I				
19.	Pacing – Class I				
20.	Search Scenario – Class I				
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					

Flood Worker Safety (FWS)

This one day course assists organizations who's workers may work around flood water, such as road contractors, storm water contractors, flood engineers, and vehicle break down services. We still advocate that the public should never drive in flood water, but while the public hopefully stay indoors during flood events, many critical services such as storm water, roads and other utilities still have to operate and do so as part of mitigating the flooding event. Such critical services need basic training to work safely around flood water.

This course has half a day in the classroom discussing safety planning, working safely around flood water, flood water features and hazards, vehicles in water safety and escape methods, personal protective equipment, special hazards (aqueducts, manholes etc), medical considerations, decontamination, communications and incident management. The second part of the day is spent in moving water (grade 1-2) and covers how to use throwbags, wading/crossing techniques, and survival swimming.

This course is a must for any employee or volunteer working near or in flood water.

For organizations that have a higher risk such as hydrologists, dam operators, remote/lone workers etc, we recommend our two day Flood Operations course that allows for more customization including wader safety, more advanced rescues and practicals in higher water flows (grade 2+).

Contact hours

8 hours

Prerequisites

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Flood Worker Safety (FWS)

Recerted by

- Flood Worker Safety (FWS)
- Flood Operations (FO)
- Flood Management for Non-Emergency Services (FMNES)

Taught by

- Basic Water First Responder Instructor (BWFRI)
- Operations: Swiftwater First Responder Instructor (OPSI)
- Swiftwater and Flood Rescue Technician Instructor (SRTI)
- Swiftwater and Flood Rescue Advanced Instructor (SRTAI)

Flood Worker Safety (FWS)

#	RK/RS	SKILLS/KNOWLEDGE	Date	Student Initials	Instructor Initials
1.	RK	Rescue principles and philosophy			
2.	RK	Water features (hydrology) and hazards			
3.	RK	Flooding characteristics, early warning systems and risk management			
4.	RK	Personal safety and equipment			
5.	RK	Vehicle in water behavior and escape			
6.	RK	Medical considerations for flood workers including decontamination			
7.	RK	Special hazards: aqueducts, drains, manholes, pipes, night operations, lone worker			
8.	RK	Incident Management and Size Up			
9.	RK	Workplace safety systems: pre-planning for working around flood water			
10.	RK	Communications and distress beacons			
11.	RS	Survival swimming			
12.	RS	Reach based rescues			
13.	RS	Throw based rescues			
14.	RS	Throw bag operation (receive and throw)			
15.	RS	Shallow water crossing (wading)			
16.	OS	Wader safety/drills (optional)			
17.	OS/OK	Other/Proprietary Equipment (specify)			

Inland Rescue Swimmer (IRS)

The Inland Rescue Swimmer is focused on the inland open water environment to include areas such as lakes or ponds of various sizes. Here the swimmer improves their swimming technique and is introduced to swimmer adjuncts. Safety of the swimmer is a high priority during this module while training for victims in the open water environment, including interventions and medical management. The student will practice both shore and boat based open water search techniques, as well as recovery of submerged victims.

Contact Hours

16 hours

Prerequisites

- Minimum age: 18
- Must be a strong swimmer.

Qualification valid for

3 years

Recertifies

- Inland Rescue Swimmer (IRS)

Recerted by

- Inland Rescue Swimmer (IRS)
- Inland Rescue Swimmer Advanced (IRSA)
- Inland Rescue Swimmer Coastal (IRSC)

Taught by

- Inland Rescue Swimmer Instructor (IRSI)

Inland Rescue Swimmer (IRS)

	SKILL/KNOWLEDGE		Date Performed/Observed	Student Initials	Instructor Initials
1.	Philosophy of Rescue	Lecture			
2.	Rescuer Safety	Lecture			
3.	Rescuer Survival	Lecture			
4.	Specialized Equipment	Lecture			
5.	Scene Management				
6.	a. Documentation	Lecture			
7.	b. Site Control / ICS	Lecture			
8.	c. Communications	Lecture			
9.	d. Risk v. Benefit	Lecture			
10.	SCUBA operations	Lecture			
11.	Search				
12.	a. Passive v. Active	Lecture			
13.	b. Techniques (patterns, triangulation, marking)	Skill			
14.	Medical Management and Treatment	Skill			
15.	Swim Techniques				
16.	a. Personal Evaluation _____ yds / _____ mins	Skill			
17.	b. Aggressive	Skill			
18.	c. Recovery	Skill			
19.	d. Swimmer Adjuncts (mask, snorkel, fins, floatation)	Skill			
20.	Victim Management				
21.	a. Escapes/Releases	Skill			
22.	b. Victim Tow (contact, adjunct)	Skill			
23.	c. Sub-surface Recovery	Skill			
24.	d. Victim packaging	Skill			
25.	Operation Scenarios:				
26.	a. Shore based ops.	Skill			
27.	b. Boat based ops.	Skill			
28.	Rescue problem	Skill			
29.	Other:				

4

IRS

Inland Rescue Swimmer Advanced (IRSA)

The Inland Advanced module, a one day upgrade, is the next step in developing the complete rescue swimmer. The swimmer will spend time learning the techniques and strategies for search and rescue of victims in a slow moving water environment such as large rivers or bays. The management of large events such as plane crashes, boating and commuter incidents will also be discussed. The swimmer will continue to improve safety and survivability of the responder with orientation to helicopter operations to include emergency egress drills and the use of spare air devices.

Contact Hours

8 hours

Prerequisites

- Minimum age: 18
- Inland Rescue Swimmer (IRS)

Qualification valid for

3 years

Recertifies

- Inland Rescue Swimmer (IRS)
- Inland Rescue Swimmer Advanced (IRSA)

Recerted by

- Inland Rescue Swimmer Advanced (IRSA)

Taught by

- Inland Rescue Swimmer Instructor (IRSI)

Inland Rescue Swimmer Advanced (IRSA)

	SKILL/KNOWLEDGE		Date Performed/Observed	Student Initials	Instructor Initials
1.	Philosophy of Rescue	Lecture			
2.	Rescuer Safety	Lecture			
3.	Rescuer / Victim Survival	Lecture			
4.	Water Dynamics (Hydrology)	Lecture			
5.	Scene Management				
6.	a. Documentation	Lecture			
7.	b. Site Control / ICS	Lecture			
8.	c. Communications	Lecture			
9.	d. Risk v. Benefit	Lecture			
10.	e. Large Incident Management	Lecture			
11.	SCUBA operations	Lecture			
12.	Search				
13.	a. Passive v. Active	Lecture			
14.	b. Techniques(patterns, triangulation, marking, sonar)	Skill			
15.	c. Containment / Control	Skill			
16.	Swim Techniques				
17.	a. Personal Evaluation _____ yds / mins	Skill			
18.	b. Stroke Review	Skill			
19.	Boat Based Operations				
20.	a. Search (triangulation, marking, sonar)	Skill			
21.	b. Containment / Control	Skill			
22.	c. Victim Management	Skill			
23.	Moving Water Operations				
24.	a. Search (triangulation, marking, sonar, dynamics)	Skill			
25.	b. Containment / Control	Skill			
26.	c. Victim Management	Skill			
27.	Helicopter Operations				
28.	a. Emergency Egress	Skill			
29.	b. Spare Air Devices	Skill			

Inland Rescue Swimmer Coastal (IRSC)

The Coastal Basic module is a one day upgrade and is designed for the responder who is responsible for search and rescue operations on the coastal water fronts. Here the Rescue Swimmer will learn a combination of basic lifeguarding techniques combined with the essentials of inland rescue. The course will cover the water dynamics which occur in the water effected by tide and surf. The swimmer will learn techniques to swimming efficiently and effectively with a continued focus on victim management.

Contact Hours

8 hours

Prerequisites

Inland Rescue Swimmer (IRS)

Qualification valid for

3 years

Recertifies

- Inland Rescue Swimmer (IRS)
- Inland Rescue Swimmer Coastal (IRSC)

Recerted by

- Inland Rescue Swimmer Coastal (IRSC)

Taught by

- Inland Rescue Swimmer Instructor (IRSI)

4

IRSC

Inland Rescue Swimmer Coastal (IRSC)

	SKILL/KNOWLEDGE		Date Performed/Observed	Student Initials	Instructor Initials
1.	Philosophy of Rescue	Lecture			
2.	Rescuer Safety	Lecture			
3.	Rescuer / Victim Survival	Lecture			
4.	Water Dynamics (Hydrology)	Lecture			
5.	Scene Management				
6.	a. Documentation	Lecture			
7.	b. Site Control / ICS	Lecture			
8.	c. Communications	Lecture			
9.	d. Risk v. Benefit	Lecture			
10.	Search				
11.	a. Passive v. Active	Skill			
12.	b. Techniques(patterns, triangulation)	Skill			
13.	c. Containment / Control	Skill			
14.	Swim Techniques				
15.	a. Personal Evaluation _____ yds / _____ mins	Skill			
16.	b. Stroke Review	Skill			
17.	c. Swimming Surf	Skill			
18.	Surf Operations				
19.	a. Currents/Tides	Skill			
20.	b. Containment / Control	Skill			
21.	c. Victim Management	Skill			
22.	d. Swimmer Adjuncts	Skill			
23.	Medical Considerations	Skill			
24.	Other:				
25.					
26.					
27.					
28.					
29.					

4

IRSC

Lifejacket Competent User (LJCU)

For personnel who will operate in the warm zone at a water rescue incident and personnel who will operate near water as part of their key job function (e.g., construction workers, EA water hydrometry staff, etc.) As such, it is not intended that they will enter the water, and a manual or auto inflation lifejacket is worn as PPE for accidental water entry only.

Contact hours

6 hours

Prerequisites

Must be a confident swimmer.

Minimum age: 18

Qualification valid for

3 years

Recertifies

- Lifejacket Competent User (LJCU)

Recerted by

- Lifejacket Competent User (LJCU)

Taught by

- Basic Water First Responder Instructor (BWFRI)
- Operations: Swiftwater First Responder Instructor (OPSI)
- Swiftwater and Flood Rescue Technician Instructor (SRTI)
- Swiftwater and Flood Rescue Advanced Instructor (SRTAI)

Standard

Rescue 3 International Water Rescue Standard

4

LJCU

Life Jacket Competent User (LJCU)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Lecture				
Rescue 3 philosophy	1			
Training standards	2			
Hydrology and water hazards	4			
Personal equipment	7.1, 7.4			
Rescue Equipment Considerations	8			
Pre-planning	10			
Risk assessments	11			
Incident size-up (non-emergency services)	13			
Site control (non-emergency services)	15			
Medical and decontamination considerations	16			
Considerations for night/poor visibility operations	17			
Mud, ice and unstable surface considerations	18.1			
Communications	22			
Accidental immersion considerations	26			
Floodwater dynamics and hazards	5			
Inflatable Lifejacket Specific Knowledge				
Inflatable Lifejacket types and standard	93			
Firing mechanisms	94			
Selection and correct fitting of inflatable lifejacket	95			
Sizing considerations	96			
Adaptation of inflatable lifejackets for high-risk areas and tasks	97			
Periodic maintenance and inspection regime of inflatable lifejacket	98			
Practical Skills				
Pre-use and post-use inflatable lifejacket checks	99			
Protection of inflatable lifejacket from sharps	100			
Inflatable lifejacket inflation and deflation - auto/manual	101			
Swimming and self-rescue in an inflatable lifejacket	102			
Exiting the water in an inflatable lifejacket	103			
Conditional rescues - talk, reach, throw	31			

LJCU version 1.5.1

4

LJCU

Management of Water & Flood Incidents (MWFII)

This high level course is designed for management and command personnel from emergency response, municipalities, regional districts, and industry who are responsible for coordinating a response to major water rescue and flood incidents. The course provides the underlying knowledge and skills to successfully manage single or multi-agency operations within a jurisdiction's existing emergency response framework.

The curriculum is designed to bridge the gap between the emergency planning process and the actual on-scene response—a combination of operational skills and knowledge that most other training does not address. Participants will learn practical, operational skills that they will draw upon continually before, during and after major incidents.

This course also includes an on-river session to teach the practical, self-rescue skills required in a moving water environment. This ensures that managers and commanders have the ability to operate in the “warm-zone” (on shore) in a safe, effective and efficient manner while they are on-scene.

Contact Hours

40 hours

Prerequisites

- Minimum age: 18

Qualification valid for

3 years

Recertifies

- Water and Flood Awareness (AWR)
- Swiftwater and Flood Awareness Online (AWRO)
- Basic Water First Responder (BWFR)
- Management of Water and Flood Incidents (MWFII)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Recerted by

- Swiftwater and Flood Rescue Technician (SRT)
- Management of Water and Flood Incidents (MWFII)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Taught by

- Management of Water and Flood Incidents Instructor (MWFII)

Standard

Rescue 3 International Water Rescue Standard

Management of Water and Flood Incidents (MWFI)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Knowledge				
Rescue 3 philosophy	1			
Training standards	2			
Hydrology and water hazards	4			
Floodwater dynamics and hazards	5			
Personal equipment	7			
Technical and Team equipment	9			
Water Rescue techniques				
Swiftwater swimming techniques	29			
Conditional rescues - talk, reach, throw	31			
Shallow water techniques	32			
Inflated fire hose (if used by agency)	34			
Victim management	43.1, 43.2, 43.3			
People and equipment entrapments	42			
Specific hazards and risks				
Considerations for night/poor visibility operations	17			
Weir (low-head dam) assessment and pre-planning	53			
Water incident management				
Pre-planning for flood incidents	71			
Guidance and best practice documents	69			
Incident size-up	12			
Incident management and site control	14.1, 14.2, 14.3			
Welfare Considerations	72			
Medical and decontamination considerations	16			
Communications	22			
Management of powered boat operations	73			
Introduction to searching rivers and floods	19			
Management of rescues from vehicles in water	70			
Flood management				
Flood theory	6			
Weather and flood warning information	74			
Local emergency flood plans	75			
Multi-agency command and control considerations	76			
Team typing and deployment of national assets	77			
Flood management exercise	78			

MWFI version 15.1

Operations: Swiftwater and Flood First Responder (OPS)

This course is designed to provide students with both a theoretical and practical knowledge of the basics of swiftwater rescue. The class includes one day of classroom instruction and one day of practical field exercise. Students are trained in hazard recognition, equipment use, and basic shore and boat-based rescue techniques, as well as a wide variety of other skills. After completing this course, personnel will also be able to be in the support role for technician level rescuers in higher risk technical water rescues.

Contact hours

16 hours

Prerequisites

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Water and Flood Awareness (AWR)
- Swiftwater and Flood Awareness Online (AWRO)
- Basic Water First Responder (BWFR)
- Operations: Swiftwater First Responder (OPS)

Recerted by

- Operations: Swiftwater First Responder (OPS)
- Swiftwater and Flood Rescue Technician (SRT)
- Swiftwater & Flood Rescue Technician Advanced (SRTA)
- Professional Qualification Assessment: Water (PQW)
- Professional Qualification Assessment: Water & Rope (PQWR)

Taught by

- Operations: Swiftwater First Responder Instructor (OPSI)
- Swiftwater and Flood Rescue Technician Instructor (SRTI)
- Swiftwater and Flood Rescue Advanced Instructor (SRTAI)

Standard

Rescue 3 International Water Rescue Standard

Operations: Swiftwater and Flood First Responder (OPS)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Knowledge				
Rescue 3 philosophy	1			
Training standards	2			
Best Practice Guidelines	3			
Hydrology and water hazards	4			
Flood theory/Floodwater dynamics and hazards	6, 5			
Personal equipment/Technical and Team equipment	7, 8, 9			
Pre-planning	10			
Risk assessments	11			
Incident size-up	12			
Incident management and site control	14.1, 14.2, 14.3			
Medical and decontamination considerations	16			
Considerations for night/poor visibility operations	17			
Search Considerations	20			
Helicopter familiarization	21			
Communications	22			
Mud, ice and unstable surface considerations (optional)	18			
Water Skills				
Swiftwater swimming techniques	29			
Conditional rescues - talk, reach, throw	31			
Shallow water techniques	32			
People and equipment entrapments	42			
Tensioned diagonals	35			
Tethered boat techniques	33			
Line crossing methods	36			
Knots and anchor systems	44			
Tensioning systems and mechanical advantage	45			
Belay systems	46			
Victim management	43			

OPS version 15.2

4

OPS

Personal Watercraft Surf Rescue Technician (PWC)

The Personal Watercraft Surf Rescue Technician (PWC) course is designed to be taught in a three-day format, where water rescue has already been taught. Primary emphasis is placed on rescuer safety and survival. Topics will include ocean, inlet, lake and moving water dynamics; near shore hazards and problems; transport, set up, launch and retrieval procedures for PWC; construction, maintenance and repair of PWC and rescue techniques and operations for which the PWC is used in a variety of environmental conditions.

The course teaches the basic skills for both operator and rescue crewman. It will enable the students to identify clearly their own limitations as well as those of the equipment, so that they will be able to utilize craft more safely and effectively.

Contact hours

18 hours

Prerequisites

- Minimum age: 18.
- Swiftwater and Flood Rescue Technician (SRT)

Qualification valid for

3 years

Recertifies

- Personal Watercraft Surf Rescue Technician (PWC)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Recerted by

- Personal Watercraft Surf Rescue Technician (PWC)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Taught by

- Personal Watercraft Rescue Instructor (PWCI)

Personal Watercraft Surf Rescue Technician (PWC)

SKILL/KNOWLEDGE	Date Performed/Observed	Student Initials	Instructor Initials
Lecture Knowledge			
1. Rescue 3 philosophy			
2. Surf Dynamics and Hazards			
3. Personal & Team Equipment			
4. Introduction to Personal Watercraft			
5. Daily Operations Check List			
6. Navigation, Rules of the Road			
7. PWC Basic Operations			
8. PWC Rescue Operations			
9. Rescue Safety Talk			
Static Water Operations			
10. Swim test			
11. Pre-check inspection of PWC			
12. Launch PWC			
Basic Riding Techniques			
13. Rescue boat equipment			
14. Pre- and post-trip checks			
15. Considerations for night/poor visibility operations			
Paddle boat operations			
16. Balancing			
17. Sitting			
18. Standing			
19. Turning			
20. Reboarding			
21. Remove debris from intake			
22. Rollover drill			
23. Accelerate and Stop			
24. Slalom Course			
Two Person Techniques			
25. Turning			
26. Reboarding			
27. Rollover drill			
Rescue Litter/Sled Operations (1 & 2 Person)			
28. Maneuvering			
29. Rescuer into and out of sled			
30. Victim approach and recovery			
31. Post-inspection check of PWC			
Surf PWC Handling			
32. Swim Test			
Surf 2 person with Litter/Rescue Sled			
33. Balancing			
34. Sitting			
35. Standing			
36. Turning			
37. Reboarding			
38. Remove debris from intake			
39. Rollover drill			
40. Accelerate and Stop			
41. Slalom Course			
Rescue Operations – Team			
42. Approach and recovery – conscious victim			
43. Approach and recovery – multiple victims			
44. Spinal injury			
45. Disabled PWC/Boat rescue			

Professional Qualification Assessment: Rope (PQR)

This assessment provides independent verification of a student's qualification as a NFPA 1006 Rope Rescue Technician. This assessment is not an instructional course, but rather is a place for fully trained rescuers to prove their competency.

Prior to sitting for the PQR Assessment, candidates must complete a Taskbook, which is available by contacting Rescue 3 International at info@rescue3.com.

Contact hours

8 hours

Prerequisites

- Technical Rope Rescue Technician Level (TRRTL)

Qualification valid for

3 years

Recertifies

- Technical Rope Rescue Technician Level (TRRTL)
- Professional Qualification Assessment Rope (PQR)

Recerted by

- Professional Qualification Assessment Rope (PQR)
- Professional Qualification Assessment: Water & Rope (PQWR)

Taught by

- Rope Rescue Technician Instructor (RRTI)
- Swiftwater and Flood Rescue Advanced Instructor (SRTAI)

Professional Qualification Assessment

The Professional Qualification Assessment taskbook is available by contacting info@rescue3.com.

Professional Qualification Assessment: Water (PQW)

This assessment provides independent verification of a student's qualification as an Swiftwater Rescue Technician. This assessment is not an instructional course, but rather is a place for fully trained rescuers to prove their competency.

Prior to sitting for the PQW Assessment, candidates must complete a Taskbook, which is available by contacting Rescue 3 International at info@rescue3.com.

Contact hours

8 hours

Prerequisites

- Minimum age: 18
- Swiftwater and Flood Rescue Technician (SRT)

Qualification valid for

3 years

Recertifies

- Water and Flood Awareness (AWR)
- Swiftwater and Flood Awareness Online (AWRO)
- Basic Water First Responder (BWFR)
- Operations: Swiftwater and Flood First Responder (OPS)
- Swiftwater and Flood Rescue Technician (SRT)
- Professional Qualification Assessment: Water (PQW)

Recerted by

- Professional Qualification Assessment: Water (PQW)
- Professional Qualification Assessment: Water & Rope (PQWR)

Taught by

- Swiftwater and Flood Rescue Advanced Instructor (SRTAI)

4

PQW

Professional Qualification Assessment

The Professional Qualification Assessment taskbook is available by contacting info@rescue3.com.

4

PQW

Professional Qualification Assessment: Water & Rope (PQWR)

This assessment provides independent verification of a student's qualification as an NFPA 1006 Swiftwater and Rope Rescue Technician under NFPA 1006. This assessment is not an instructional course, but rather is a place for fully trained rescuers to prove their competency.

Prior to sitting for the PQWR Assessment, candidates must complete a Taskbook, which is available by contacting Rescue 3 International at info@rescue3.com.

Contact hours

16 hours

Prerequisites

- Minimum age: 18
- Swiftwater & Flood Rescue Technician Advanced (SRTA)

Qualification valid for

3 years

Recertifies

- Water and Flood Awareness (AWR)
- Swiftwater and Flood Awareness Online (AWRO)
- Basic Water First Responder (BWFR)
- Operations: Swiftwater and Flood First Responder (OPS)
- Swiftwater and Flood Rescue Technician (SRT)
- Swiftwater & Flood Rescue Technician Advanced (SRTA)
- Professional Qualification Assessment Water & Rope (PQWR)

Recerted by

- Professional Qualification Assessment Water & Rope (PQWR)

Taught by

- Swiftwater and Flood Rescue Advanced Instructor (SRTAI)

Professional Qualification Assessment

The Professional Qualification Assessment taskbook is available by contacting info@rescue3.com.

4

PQWR

Recreational Rappel Operator (RECRO)

The four day course is based on international best practice, including the New Zealand Mountain Safety Council's abseil instruction resources and covers how to lead group rappelling (abseiling) activities in a recreational context. It includes knots, environmental care, rope physics, technical equipment, anchoring, rappelling, contingency/releasable anchor systems, belaying, coaching new rappellers, emergency drills, ascending, risk management and site management.

This course is aimed at recreational users only and not suitable for public safety or industrial rope access. For those who already hold TRRTL, we offer a two day upgrade course. Students may have the opportunity to go on and complete certification as a Recreational Rappel Instructor (RRI) with Rescue 3 International.

Contact hours

32 hours

Prerequisites

- Minimum age: 18.
- Must be comfortable working at heights and have previous rappelling (abseiling) experience

Qualification valid for

3 years

Recertifies

- Recreation Rappel Operator (RECRO)

Recerted by

- Recreation Rappel Operator (RECRO)

Taught by

- Recreational Rappel Instructor (RRI)
- Rope Rescue Operator Instructor (RROI)
- Rope Rescue Technician Instructor (RRTI)
- Rope Rescue Specialist Instructor (RRSI)

4

RRO

Recreational Rappel Operator (RECRO)

	<i>RK/ RS</i>	<i>SKILLS/KNOWLEDGE</i>	<i>Date</i>	<i>Student Initials</i>	<i>Instructor Initials</i>
1.	RK	Overview of Rescue 3 International			
2.	RK	Environmental care (abseil care code)			
3.	RK	Rope disciplines: technical rescue, recreational, industrial			
4.	RK	Rope physics (vector/angle forces, fall factors)			
5.	RK	Technical equipment knowledge, maintenance and care			
6.	RK	Local adventure/recreational safety regulations			
7.	RS	Knots, hitches, prussic, bends, coiling, uncoiling.			
8.	RS	Dry run rappelling with clients – figure 8 descender			
9.	RS	Anchoring (load sharing) systems			
10.	RS	Anchoring (self equalizing) systems			
11.	RS	Harness type, selection and fitting.			
12.	RS	Rigging edgelines and personal safety			
13.	RS	Rigging recreational rappel system including contingency anchor			
14.	RS	Rappel stance and descent including stop and locking off			
15.	RS	Rappel on surfaced wall under control			
16.	RS	Independent belay operation for recreational rappelling			
17.	RS	Independent rigging including attachment to client			
18.	RS	Supporting anxious clients including edge transition			
19.	RS	Emergency Drill: Inverted client			
20.	RS	Emergency Drill: Jammed descender (client)			
21.	RS	Emergency Drill: Unresponsive client (lowering client to bottom)			
22.	RS	Emergency Drill: Unresponsive client (hauling client to top)			
23.	RS	Risk management systems and safety checks			
24.	RS	Periodic abrasion checks and rope adjustments			
25.	RS	Belay device: Petzl Grigri, Italian Hitch (delete as required)			
26.	RS	Belay – Self Belay			
27.	RS	Belay – Ground Belay			
28.	RS	Ascending – mechanical			
29.	RS	Ascending - prussiks			
30.	RK	Gear, rope and instructor logs			
31.	OS	Rappel in free fall (non-walled descent)			
32.	OS	Rappel in free fall inverted			
33.	OS	Rappel – using descenders (specify)			
34.	OS	Rappel self-rescue (foot wrap and prussic methods)			
35.	OS	Site management			

Recreational River Safety (RRS)

The half-day course is based on international best practice, including the New Zealand Mountain Safety Council's river safety resources and covers river crossing decision making, shallow water crossing techniques (solo and group), river swimming survival techniques, use of throw-bags and where required, pack floats and wader safety drills are covered. This course is aimed at recreational users only.

Contact hours

4 hours

Prerequisites

Must be a confident swimmer.

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Recreational River Safety (RRS)

Recerted by

- Recreational River Safety (RRS)
- Basic Water First Responder (BWFR)
- Operations: Swiftwater and Flood First Responder (OPS)
- Swiftwater and Flood Rescue Technician (SRT)
- Whitewater Rescue for Paddlers (WRP)
- Whitewater Rescue Technician (WRT)

Taught by

- Basic Water First Responder Instructor (BWFRI)
- Operations: Swiftwater First Responder Instructor (OPSI)
- Swiftwater and Flood Rescue Technician Instructor (SRTI)
- Swiftwater and Flood Rescue Advanced Instructor (SRTAI)
- Whitewater Rescue for Paddlers Instructor (WRPI)
- Whitewater Rescue Technician Instructor (WRTI)

Recreational River Safety (RRS)

This course does not have a skill sheet.

For a detailed list of subjects taught in this course, contact info@rescue3.com

4

RRS

Rescues from Vehicles in Water (RVW)

The Rescue from Vehicles in Water workshop is a specialist course for Swiftwater and Flood Rescue Technicians that explores the skills required to deal with car related rescues in Swiftwater and Floods. The course looks at vehicle behavior and stabilization in water, as well as access techniques and victim extrication. Vehicle hydrology, glass management, anchors, and weight transfer are all addressed in this two day, hands on clinic.

Contact Hours

16 hours

Prerequisites

- Minimum age: 18
- Swiftwater and Flood Rescue Technician (SRT)

Qualification valid for

3 years

Recertifies

- Water and Flood Awareness (AWR)
- Swiftwater and Flood Awareness Online (AWRO)
- Basic Water First Responder (BWFR)
- Operations: Swiftwater and Flood First Responder (OPS)
- Swiftwater and Flood Rescue Technician (SRT)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Recerted by

- Swiftwater and Flood Rescue Technician (SRT)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Taught by

- Rescue from Vehicles in Water Instructor (RVWI)

Standard

Rescue 3 International Water Rescue Standard

Rescues from Vehicles in Water (RVW)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Knowledge				
Rescue 3 philosophy	1			
Training standards	2			
Vehicle behavior in water	79			
Pre-planning	10			
Incident size-up for rescues from vehicles in water	80			
Incident management for rescues from vehicles in water	81			
Glass management	82			
Personal equipment for rescues from vehicles in water	83			
Medical and decontamination considerations for rescues from vehicles in water	84			
Considerations for night/poor visibility operations	17			
Communications	22			
Anchors - vehicle and bank	85			
Vehicle stabilization	86			
Victim extrication	87			
Shallow water techniques for rescues from vehicles in water	88			
True rescues in moving water - tethered	38			
Pendulum extrication	89			
Tensioned diagonals for rescues from vehicles in water	90			
Tethered boat techniques for rescues from vehicles in water	91			
Single bank extended platform	92			

RVW version 15.2

4

RVW

Rope Access for Emergency Responders (RAFER)

The Rope Access for Emergency Responders course is aimed at members of technical rope rescue teams who want to become proficient in rope access techniques. This course is specifically aimed at emergency services and not for industrial technical rope rescue.

Contact hours

18 hours

Prerequisites

Minimum age: 18

Qualification valid for

3 years

Recertifies

- Rope Access for Emergency Responders (RAFER)
- Technical Rope Rescue Technician Level (TRRTL)
- Rope specialty course (see Rope specialty course recertification on pg 8)

Recerted by

- Rope Access for Emergency Responders (RAFER)
- Technical Rope Rescue Technician Level (TRRTL)
- Professional Qualification Assessment: Rope (PQR)
- Professional Qualification Assessment: Water & Rope (PQWR)
- Rope specialty course (see Rope specialty course recertification on pg 8)

Taught by

- Rope Access for Emergency Responders Instructor (RAFERI)
- Rope Rescue Operator Instructor (RROI)
- Rope Rescue Technician Instructor (RRTI)
- Rope Rescue Specialist Instructor (RRSI)

Standard

Rescue 3 International Rope Standard

Rope Access for Emergency Responders (RAFER)

Skill / Knowledge	Standard	Date	Student Initials	Instructor Initials
Rescue 3 Philosophy	1			
Training Standards	2			
Medical considerations	3			
Personal equipment	4			
Technical Equipment	5			
Pre-planning	6			
Risk assessments	7			
Incident size-up	8.2 - 8.3, 8.5 - 8.7			
Incident Management & Site Control	9.1 - 9.3			
Loads and forces	10.1 - 10.3			
System safety checks	11			
Communications	12			
Knots	13			
Anchor systems	14.1 - 14.4			
Rope Protection	15			
Work restraint	16			
Fall arrest	17			
Connecting a casualty on a line using a telescopic pole	20			
Lifting and lowering a casualty using a preinstalled device	21.1 - 20.2			
Mechanical advantage	24			
Casualty care and packaging	23.1 - 23.2			
Personal ascending and descending	25			
Passing obstructions while ascending/descending	26			
Individual pick-offs	27			
Rope transfers/changeovers	28			

4

RAFER

Rope Rescue Operator (RRO)

The Rope Rescue Operator (RRO) course introduces the knowledge and skills required by personnel to operate safely and effectively during rope rescues and be an active part of a rope rescue team working under the supervision of Rope Rescue Technicians.

Contact hours

30 hours

Prerequisites

- Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Safe Work at Heights (SWAH)
- Co-Worker Rescue at Heights (CWRH)
- Rope Access for Emergency Responders (RAFER)
- Rope Rescue Operator (RRO)

Recertified By

- Rope Rescue Operator (RRO)
- Rope Rescue Technician (RRT)
- Rope Rescue Specialist (RRS)
- Wind Turbine Operator (WTO)
- Tower Safety, Climbing, & Rescue (TWR)

Taught by

- Rope Rescue Operator Instructor (RROI)
- Rope Rescue Technician Instructor (RRTI)
- Rope Rescue Specialist Instructor (RRSI)

Standard

Rescue 3 International Rope Standard

4

RRO

Rope Rescue Operator (RRO)

Skill / Knowledge	Standard	Date	Student Initials	Instructor Initials
Rescue 3 Philosophy	1			
Training Standards	2			
Medical considerations	3			
Personal equipment	4			
Technical Equipment	5			
Pre-planning	6			
Risk assessments	7			
Incident size-up	8.2 - 8.3, 8.5 - 8.7			
Incident Management & Site Control	9.1 - 9.3, 9.8			
Loads and forces	10.1 - 10.7, 10.9, 10.10			
System safety checks	11			
Communications	12			
Knots	13			
Anchor systems	14.1 - 14.4			
Rope Protection	15			
Work restraint	16			
Fall arrest	17			
Lead climbing with lanyards	19			
Connecting a casualty on a line using a telescopic pole	20			
Lifting and lowering a casualty using a preinstalled device	21			
Mechanical advantage	24			
Casualty care and packaging	23.1 - 23.2			
Personal ascending and descending	25			
Individual pick-offs	27			
Climbing over a 90 degree edge	29			
Team based pick-off	30			
Litter management - low angle	31			
Team-based raising and lowering systems	32			
Litter management - high angle	33			
Artificial high directions	39			
Tagline offsets	34			
Steep Angle Considerations	35			

4

RRO

Rope Rescue Technician (RRT)

The Rope Rescue Technician (RRT) course covers concepts and techniques to enable small teams to undertake technical rope rescues. A building block approach is used throughout the course so that candidates can progress from key concepts through to the rigging and operation of full systems for raising, lowering and highline rescues.

Contact hours

30 hours

Prerequisites

- Rope Rescue Operator (RRO)
- Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Safe Work at Heights (SWAH)
- Co-Worker Rescue at Heights (CWRH)
- Rope Access for Emergency Responders (RAFER)
- Rope Rescue Operator (RRO)
- Rope Rescue Technician (RRT)

Recertified By

- Rope Rescue Technician (RRT)
- Rope Rescue Specialist (RRS)
- Wind Turbine Operator (WTO)
- Tower Safety, Climbing, & Rescue (TWR)

Taught by

- Rope Rescue Technician Instructor (RRTI)
- Rope Rescue Specialist Instructor (RRSI)

Standard

Rescue 3 International Rope Standard

Rope Rescue Technician (RRT)

Skill / Knowledge	Standard	Date	Student Initials	Instructor Initials
Rescue 3 Philosophy	1			
Training Standards	2			
Medical considerations	3			
Personal equipment	4			
Technical Equipment	5			
Pre-planning	6			
Risk assessments	7			
Incident size-up	8.2 - 8.3, 8.5 - 8.7			
Incident Management & Site Control	9.1 - 9.3, 9.5 - 9.8			
Loads and forces	10.1 - 10.7, 10.9, 10.11			
System safety checks	11			
Communications	12			
Knots	13			
Anchor systems	14.1 - 14.4			
Rope Protection	15			
Work restraint	16			
Fall arrest	17.1			
Mechanical advantage	24			
Casualty care and packaging	23			
Rope transfers/changeovers	28			
Team based pick-off	30			
Litter management - high angle	33.2			
Mirrored team-based raising and lowering systems	36			
Horizontal litter edge transition without attendant and without high directional	37			
Vertical litter edge transition without attendant and without high directional	38			
Artificial high directions	39.1 - 39.3			
Offsets - track/guideline, skateblock, deflection	40			
Passing knots through a system	41			
Introduction to highline systems	42			
Scenarios	43			

4

RRT

Rope Rescue Specialist (RRS)

The Rope Rescue Specialist (RRS) course is for rope rescue team members who already have completed a comprehensive basic training and want to continue to specialize. This training continues where the RRT course finishes. The RRS course examines advanced technical solutions. It elaborates on the use of multi-pods, monopod and A-frames, various configurations of steep, diagonal and horizontal spans, the use of multiple track lines in highline operations, industrial lead climbing, loads and forces, incident management and scenario training. This training is consistent with NFPA 1670 and 1006 standards for technician level.

Contact hours

30 hours

Prerequisites

- Rope Rescue Technician (RRT)
- Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Safe Work at Heights (SWAH)
- Co-Worker Rescue at Heights (CWRH)
- Rope Access for Emergency Responders (RAFER)
- Rope Rescue Operator (RRO)
- Rope Rescue Technician (RRT)
- Rope Rescue Specialist (RRS)
- Wind Turbine Operator (WTO)
- Tower Safety, Climbing, & Rescue (TWR)

Recertified By

- Rope Rescue Specialist (RRS)

Taught by

- Rope Rescue Specialist Instructor (RRSI)

Standard

Rescue 3 International Rope Standard

Rope Rescue Specialist (RRS)

Skill / Knowledge	Standard	Date	Student Initials	Instructor Initials
Rescue 3 Philosophy	1			
Incident Management & Site Control	9.5, 9.7 - 9.11			
Horizontal litter edge transition without attendant and without high directional	37			
Vertical litter edge transition without attendant and without high directional	38			
Artificial high directions	39.4 - 39.5			
Force calculations, advanced systems analysis	44			
Complex rescue scenarios	45			
Advanced knots and anchor point variations	46			
Releasable jigger anchors	47			
Lead climbing with a shepherd's hook	48			
Lead climbing with self-placed intermediate anchors	49			
Aid climbing	50			
Installing artificial anchors	51			
First-man-up systems	52			
Two rope offsets	53			
Highline rope system - Kootenay highline	54			
Highline rope system - English reeve	55			
Highline rope system - Norwegian reeve	56			
Multiple track lines in a highline system	57			
Night scenarios	58			
Rope rescue special problems	59			
Job risk analysis	60			
Developing standard operational procedures	61			
Developing and pre-planning rescue plans	62			
Size-up and hazard analysis of an incident	63			
Team briefing using a briefing model	64			
Supervising and guiding an operational team	65			
Communicating with other emergency services	66			
Performing a debriefing with a team	67			
Use of incident report forms	68			
Scenarios	43			

Safe Work at Heights (SWAH)

The Safe Work at Heights course provides insight into the dangers that workers face when working at height. Often, workers are faced with working at height during their jobs. Employment regulations clearly state that this must be done safely. During this course, students will learn how to properly use a variety of fall arrest resources, such as harnesses, lines, lanyards and industrial fall arresters. The course covers, in detail, how these resources should be used in lifts, ladder trucks, and with a roof set, as used by fire services.

Contact hours

4 hours

Prerequisites

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Safe Work at Heights (SWAH)

Recerted by

- Safe Work at Heights (SWAH)
- Co-Worker Rescue at Heights (CWRH)
- Rope Access for Emergency Responders (RAFER)
- Rope Rescue Operator (RRO)
- Rope Rescue Technician (RRT)
- Rope Rescue Specialist (RRS)
- Wind Turbine Operator (WTO)
- Wind Turbine Access for Emergency Responders (WTAFER)
- Tower Safety, Climbing, & Rescue (TWR)

Taught by

- Safe Work at Heights Tutor (SWAHT)
- Co-Worker Rescue at Heights Instructor (CWRHI)
- Rope Access for Emergency Responders Instructor (RAFERI)
- Rope Rescue Operator Instructor (RROI)
- Rope Rescue Technician Instructor (RRTI)
- Rope Rescue Specialist Instructor (RRSI)

Standard

Rescue 3 International Rope Standard

Safe Work at Heights (SWAH)

Skill / Knowledge	Standard	Date	Student Initials	Instructor Initials
Rescue 3 Philosophy	1			
Training Standards	2			
Medical considerations	3			
Personal equipment	4			
Technical Equipment	5			
Pre-planning	6			
Risk assessments	7			
Incident size-up	8.1 - 8.3			
Incident Management & Site Control	9.1 - 9.4			
Loads and forces	10.1 - 10.3			
System safety checks	11			
Communications	12			
Knots	13			
Anchor systems	14			
Rope Protection	15			
Work restraint	16			
Fall arrest	17			
Emergency descending	18			
Lead climbing with lanyards	19			

4

SWAH

Safe Working in Confined Spaces (SWCS)

The Safe Working in Confined Spaces (SWCS) course provides insight into the dangers that workers face when working in confined spaces and the current legislation in this area. Often, workers are faced with working in confined spaces during their jobs. Employment regulations clearly state that this must be done safely.

Contact hours

3.5 hours

Prerequisites

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Safe Working in Confined Spaces (SWCS)

Recertified By

- Safe Working in Confined Spaces (SWCS)
- Confined Space Entry and Rescue (CSER)
- Confined Space Rescue Operator (CSRO)
- Confined Space Rescue Technician (CSRT)
- Confined Space Rescue Specialist (CSRS)

Taught by

- Confined Space Rescue Operator Instructor (CSROI)
- Confined Space Rescue Technician Instructor (CSRTI)
- Confined Space Rescue Technician Specialist (CSRSI)

Standard

Rescue 3 International Confined Space Standard

Safe Working in Confined Spaces (SWCS)

Skill / Knowledge	Standard	Date	Student Initials	Instructor Initials
Rescue 3 Philosophy	1			
Training Standards	2			
Medical considerations	3			
Personal equipment	4			
Technical Equipment	5			
Pre-planning	6			
Risk assessments	7			
Incident size-up	8.1 - 8.3			
Incident Management & Site Control	9.1 - 9.4			
Loads and forces	10.1 - 10.3			
System safety checks	11			
Communications	12			
Knots	13			
Anchor systems	14			
Rope Protection	15			
Work restraint	16			
Fall arrest	17			
Emergency descending	18			
Lead climbing with lanyards	19			

Safe Work Near Water (SWNW)

A classroom-based course, that looks at the hazards and risk associated with inland (lakes, canals, rivers) and coastal water. It looks at basic control measures and safe working practices that can be introduced, including types of PPE and their use. The SWNW course is designed for industry, civil engineering, and other workers near water. The comparable course for those supporting rescue teams is Water and Flood Awareness (AWR).

Contact hours

4 hours

Prerequisites

- Minimum age: 18

Qualification valid for

3 years

Recertifies

- Safe Work Near Water (SWNW)

Recerted by

- Safe Work Near Water (SWNW)
- Co-Worker Rescue from Water - Basic (CWRWB)
- Co-Worker Rescue from Water - Basic and Moving (CWRWBM)

Taught by

- Water and Flood Awareness Tutor (AWRT)
- Basic Water First Responder Instructor (BWFRI)
- Operations: Swiftwater First Responder Instructor (OPSI)
- Swiftwater and Flood Rescue Technician Instructor (SRTI)
- Swiftwater and Flood Rescue Advanced Instructor (SRTAI)

Standard

Rescue 3 International Water Rescue Standard

Safe Work Near Water (SWNW)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Knowledge				
Rescue 3 philosophy	1			
Training standards	2			
Hydrology and water hazards	4			
Personal equipment	7.1, 7.4			
Rescue Equipment Considerations	8			
Pre-planning	10			
Risk assessments	11			
Incident size-up (non-emergency services)	13.1, 13.2			
Site control (non-emergency services)	15			
Medical and decontamination considerations	16.1, 16.3, 16.4			
Considerations for night/poor visibility operations	17			
Mud, ice and unstable surface considerations	18.1			
Communications	22			
Accidental immersion considerations	26			
Practical skills				
Receiving a throwbag (dry land)	31.4			
Optional:				
Optional:				

4

SWNW

SWNW version 15.1

Searching Rivers and Floods (SRF)

This four day course examines the initial first response actions to be undertaken, progressing through to extended searching activities, and concludes with search suspension considerations.

It is specifically designed for agencies responding to water based searches but will also give the student a wider insight into the overall search management process. There is an emphasis on the development of in-water techniques appropriate to the flooded urban environment and river corridor searches. Particular emphasis is placed upon the use of mapping and GPS technology to interpret and manage the search area so that resources can be deployed appropriately. Safety considerations and dynamic risk assessment are emphasized throughout the class.

Contact Hours

32 hours

Prerequisites

- Minimum age: 18
- Swiftwater and Flood Rescue Technician (SRT)

Qualification valid for

3 years

Recertifies

- Water and Flood Awareness (AWR)
- Swiftwater and Flood Awareness Online (AWRO)
- Basic Water First Responder (BWFR)
- Operations: Swiftwater and Flood First Responder (OPS)
- Swiftwater and Flood Rescue Technician (SRT)
- Searching Rivers and Floods (SRF)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Recerted by

- Searching Rivers and Floods (SRF)
- Swiftwater and Flood Rescue Technician (SRT)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Taught by

- Searching Rivers and Floods Instructor (SRFI)

Searching Rivers and Floods (SRF)

	SKILL/KNOWLEDGE	RS/RK	Date Performed/Observed	Student Initials	Instructor Initials
Lecture Knowledge					
1.	N.F.P.A. Standards	RK			
2.	Rescue 3 Philosophy	RK			
3.	Search Team Safety	RK			
4.	General Hazards	RK			
5.	Search Theory	RK			
6.	Lost Person Behaviour	RK			
7.	Incident Management & Command Structure	RK			
8.	Search Asset Capabilities	RK			
9.	Suspending the Search	RK			
Management Skills					
10.	Reflex Tasking	RS			
11.	Informant Interviewing	RS			
12.	Search Team Briefing	RS			
13.	Search Team Briefing	RS			
14.	POA Proportional Consensus Allocation	RS			
15.	Coverage & POD Determination	RS			
16.	Resource Allocation	RS			
Field Skills					
17.	Navigation	RK			
18.	Orientation with conventional maps	RS			
19.	Electronic mapping	RS			
20.	GPS Tracking	RS			
21.	Average Mean Detection Range (ADMR) Determination	RS			
22.	Clue Awareness	RK			
23.	Hasty Searching	RK			
24.	Searching in Water	RS			
25.	Searching Water Margins	RS			
26.	Flooded Urban Searching Considerations	RS			
27.	Scenarios:	RK			
28.	Optional:				
29.	Optional:				
30.	Optional:				

Surface Ice Awareness (SIRA)

This 4-hour classroom session provides an introduction to the due diligence and risk management requirements associated with supervising personnel who work on surface ice including frozen lakes, ponds, and rivers. The course identifies hazards associated with surface ice and introduces the safe work procedures and equipment that can be used to reduce the risk. The curriculum is geared to the needs of field personnel who work alone or in pairs with limited equipment.

Contact Hours

4 hours

Prerequisites

None

Qualification valid for

3 years

Recertifies

- Surface Ice Awareness (SIRA)

Recerted by

- Surface Ice Awareness (SIRA)
- Surface Ice Field Safety (SIFS)
- Surface Ice Rescue Technician (SIRT)
- Surface Ice Rescue Specialist (SIRS)

Taught by

- Surface Ice Rescue Technician Instructor (SIRTI)
- Surface Ice Rescue Specialist Instructor (SIRSI)

Standard

Rescue 3 International Ice Rescue Standard

4

SIRA

Surface Ice Awareness (SIRA)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Knowledge		dd/mm/yyyy		
Rescue 3 Philosophy of Rescue	1			
Training Standards	2			
Best Practice Guidelines for Ice Rescue Operations	3			
Risk Management and Rescuer Safety	4			
Ice Properties, Formation and Types	5			
Ice Hazards	6			
Basic Swiftwater Hydrology	7			
Personal Protective Equipment	8			
Technical and Team Equipment	9			
Management and Preplanning	10			
ICS and Site Control	12			
Communications	13			
Medical Considerations	14			
Other				
Knots, Bends and Hitches	15			
Additional:				
Additional:				

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SIRA

IRA version 15.2

Surface Ice Field Safety (SIFS)

This course is comprehensive training for those who work or travel on ice over lakes, ponds, and reservoirs, or rivers that are completely frozen over. The curriculum includes the formation of ice and the factors that influence its decay, how to determine ice thickness, the identification of hazards, travelling on ice, self rescue and a range of options for the rescue of others - including single rescuer techniques for field personnel that work in pairs. The curriculum also includes the medical complications posed by cold water immersion and hypothermia, and the significant implications for rescue and transport.

Contact Hours

16 hours

Prerequisites

Minimum age: 18 years

Qualification valid for

3 years

Recertifies

- Surface Ice Awareness (SIRA)
- Surface Ice Field Safety (SIFS)

Recerted by

- Surface Ice Field Safety (SIFS)

Taught by

- Surface Ice Rescue Technician Instructor (SIRTI)
- Surface Ice Rescue Specialist Instructor (SIRSI)

Standard

Rescue 3 International Ice Rescue Standard

Surface Ice Field Safety (SIFS)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Knowledge				
		dd/mm/yyyy		
Rescue 3 Philosophy of Rescue	1			
Training Standards	2			
Best Practice Guidelines for Ice Rescue Operations	3			
Risk Management and Rescuer Safety	4			
Ice Properties, Formation and Types	5			
Ice Hazards	6			
Basic Swiftwater Hydrology	7			
Personal Protective Equipment	8			
Technical and Team Equipment	9			
Management and Preplanning	10			
Incident Size up	11			
ICS and Site Control	12			
Communications	13			
Medical Considerations	14			
Practical Skills				
Knots, Bends and Hitches	15			
Anchorage Options and Techniques	16			
Tensioning Systems and Mechanical Advantage	17			
Ice Testing Procedures	18			
Walking on Ice	19			
Self Rescue Techniques	20			
Conditional Rescues	21			
True Rescues (Contact Rescue)	22			
Co-Worker Rescue (one person rescue techniques)	34			
Rope Assisted Self Rescue/Belay techniques	35			
Rescue Scenario				
Optional Skills				
Rescue Craft	23			
Equipment Recovery Strategies	36			
Additional:				
Additional:				

IFS version 15.2

Surface Ice Rescue Specialist (SIRS)

For personnel who operate on frozen, large volume rivers with open leads.

This course typically runs 3 days and covers all of the skills taught in Surface Ice Rescue Technician (IRT), as well as addressing the substantially higher-risk environment encountered when working on large volume rivers with open leads. Also covered are size up, risk analysis, and hazard mitigation, PPE considerations, self-rescue techniques, and throw bagging. Scenario-based training using both standard and improvised ice rescue equipment will be carried out.

This course can also be taught as a 1 day upgrade for students who have already completed the Surface Ice Rescue Technician (SIRT) course.

Contact Hours

- 24 hours
- Upgrade from SIRT - 8 hours

Prerequisites

- Minimum age: 18
- Competent swimmer
- Swiftwater and Flood Rescue Technician (SRT)
- 1 day upgrade course only - Surface Ice Rescue Technician (SIRT)

Qualification valid for

3 years

Recertifies

- Surface Ice Awareness (SIRA)
- Surface Ice Rescue Technician (SIRT)
- Surface Ice Rescue Specialist (SIRS)

Recerted by

- Surface Ice Rescue Specialist (SIRS)

Taught by

- Surface Ice Rescue Specialist Instructor (SIRSI)

Standard

Rescue 3 International Ice Rescue Standard

Surface Ice Rescue Specialist (SIRS)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Knowledge				
		<i>dd/mm/yyyy</i>		
Rescue 3 Philosophy of Rescue	1			
Training Standards	2			
Best Practice Guidelines for Ice Rescue Operations	3			
Risk Management and Rescuer Safety	4			
Ice Properties, Formation and Types	5			
Ice Hazards	6			
Basic Swiftwater Hydrology	7			
Personal Protective Equipment	8			
Technical and Team Equipment	9			
Incident Size up	11			
ICS and Site Control	12			
Communications	13			
Practical Skills				
Knots, Bends and Hitches	15			
Anchorage Options and Techniques	16			
Tensioning Systems and Mechanical Advantage	17			
Walking on Ice	19			
Dynamic Ice Swimming and Self Rescue Techniques	27			
Dynamic Ice Conditional Rescue Considerations	28			
Dynamic Ice True Rescue Considerations	29			
Dynamic Off Mantle Rescue Techniques - Rescuer Based	31			
Dynamic Ice Mantle-Based Craft Rescue Considerations	30			
Dynamic Off Mantle Rescue Techniques - Craft Based	32			
Containment Strategies for Dynamic Ice	33			
Rescue Scenario				
Optional Skills				
Additional:				
Additional:				

SIRS version 16.1

Surface Ice Rescue Technician (SIRT)

Because there is no such thing as “safe ice”, Rescue 3’s Surface Ice Rescue Technician course teaches you how to operate as safely as possible in this high-risk environment. This course is especially valuable for those who work on frozen lakes and rivers, or for emergency service personnel who may be called on to respond to an incident where someone has fallen through the ice.

During the course, students will learn the unique properties and problems associated with working around and on ice, as well as self rescue techniques, rescuer safety, preplanning for and size-up of ice rescue incidents, and victim rescue. Students are taught how to determine ice strength, as well as the most common dangers associated with ice. Students learn to recognize and deal with cold stress and hypothermia, as well as participating in self-rescue drills and practicing rescuing others using various techniques.

Contact Hours

16 hours

Prerequisites

Minimum age: 18 years

Qualification valid for

3 years

Recertifies

- Surface Ice Awareness (SIRA)
- Surface Ice Rescue Technician (SIRT)

Recerted by

- Surface Ice Rescue Technician (SIRT)
- Surface Ice Rescue Specialist (SIRS)

Taught by

- Surface Ice Rescue Technician Instructor (SIRTI)
- Surface Ice Rescue Specialist Instructor (SIRSI)

Standard

Rescue 3 International Ice Rescue Standard

Surface Ice Rescue Technician (SIRT)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Knowledge		dd/mm/yyyy		
Rescue 3 Philosophy of Rescue	1			
Training Standards	2			
Best Practice Guidelines for Ice Rescue Operations	3			
Risk Management and Rescuer Safety	4			
Ice Properties, Formation and Types	5			
Ice Hazards	6			
Basic Swiftwater Hydrology	7			
Personal Protective Equipment	8			
Technical and Team Equipment	9			
Management and Preplanning	10			
Incident Size up	11			
ICS and Site Control	12			
Communications	13			
Medical Considerations	14			
Practical Skills				
Knots, Bends and Hitches	15			
Anchorage Options and Techniques	16			
Tensioning Systems and Mechanical Advantage	17			
Ice Testing Procedures	18			
Walking on Ice	19			
Self Rescue Techniques	20			
Conditional Rescues	21			
True Rescues (Contact Rescue)	22			
Rescue Craft	23			
Animal Rescue Considerations	24			
Rescue Scenario				
Optional Skills				
Inflated Fire Hose (Optional)	25			
Ladder Rescue Techniques (Optional)	26			
Co-Worker Rescue (one person rescue techniques)	34			
Rope Assisted Self Rescue/Belay techniques	35			
Equipment Recovery Strategies	36			
Additional:				

4

SIRT

IRT version 15.2

Swiftwater & Flood Rescue Technician Advanced (SRTA)

This course integrates techniques learned in SRT and RRS, taking the students beyond the emphasis on self-rescue to concentrate on victim rescue. Students are exposed to more complex water rescue situations including a mock night river rescue scenario. The three day course includes 4-6 hours of classroom instruction, followed by two and one-half days of hands-on skill development.

Students are introduced to the role and utilization of various skills in river and flood rescue, including

- rope systems
- management of litter & patient raising systems
- highline systems
- advanced river search concepts
- performing rescues at night or in low visibility
- and basic flood disaster management.

Completion of the SFRS along with SRT and RRS satisfies the requirement outlined in NFPA 1670 Surface/Swift Water Technician Level. This qualifies graduates to operate on a Swift Water/Flood Search & Rescue team according to NFPA.

Contact hours

24 hours

Prerequisites

- Minimum age: 18
- Swiftwater and Flood Rescue Technician (SRT)
- Rope Rescue Operator (RRO) or Technical Rope Rescue Technician Level (TRRTL)

Qualification valid for

3 years

Recertifies

- Water and Flood Awareness (AWR)
- Swiftwater and Flood Awareness Online (AWRO)
- Basic Water First Responder (BWFR)
- Swiftwater and Flood Rescue Technician (SRT)
- Swiftwater & Flood Rescue Technician Advanced (SRTA)

Recerted by

- Swiftwater & Flood Rescue Technician Advanced (SRTA)
- Professional Qualification Assessment: Water & Rope (PQWR)

Taught by

- Swiftwater and Flood Rescue Advanced Instructor (SRTAI)

Standard

Rescue 3 International Water Rescue Standard

Swiftwater & Flood Rescue Technician Advanced (SRTA)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Knowledge				
Rescue 3 philosophy	1			
Training standards	2			
Dynamic risk assessment and incident size-up	50			
Advanced Incident Management and Site Control	51			
Advanced Hydrology	52			
Weir (low-head dam) assessment and pre-planning	53			
Aqueduct hazards and techniques	54			
Advanced water rescue techniques				
Advanced swiftwater swimming techniques	57			
Advanced conditional rescues - talk, reach, throw	58			
Advanced true rescues - tethered	59			
Advanced entrapment techniques	60			
Rescue platforms, sleds and boards	48			
Ropes in a water environment				
Technical Rope Rescue Review	56			
Line crossing methods	36			
Highline rope systems or complicated technical rope evolution	61			
Tethered boats in high energy water	62			
Stretcher Management				
Boat based litter management	63			
In-water litter management	64			
Boat Handling				
Introduction to paddle boat handling	39			
Boat unwrapping	40			
Flips and rights	41			
Crew recovery	67			
Victim recovery	68			
Search				
Introduction to search management	55			
Search exercise	65			
Night/poor visibility operations				
Considerations for night/poor visibility operations	17			
Night/poor visibility operation	66			

4

SRTA

SRTA version 16.1

Swiftwater and Flood Awareness Online (AWRO)

This comprehensive introduction course trains students to the Awareness Level and provides the information necessary for those individuals who may respond to a water or flood emergency, or who will support trained rescues from the shore, air, or from afar. Students will learn proper protocol and techniques, as well as dangers to avoid and how not to become victims themselves.

This self-paced course features exciting information-packed-videos that allow students to immerse themselves in the world of water and flood rescue. During the course, students have the ability to fully learn the material by:

- Start and stop videos
- Downloading material
- Rewatch and review curriculum as many times as necessary
- Receive immediate feedback through online practice quizzes.

Once students have a firm grasp of the material, they take the final exam and, upon successful completion, receive their certification.

Contact hours

8 hours

Prerequisites

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Water and Flood Awareness (AWR)
- Swiftwater and Flood Awareness Online (AWRO)

Recerted by

- Water and Flood Awareness (AWR)
- Swiftwater and Flood Awareness Online (AWRO)
- Basic Water First Responder (BWFR)
- Operations: Swiftwater and Flood First Responder (OPS)
- Swiftwater and Flood Rescue Technician (SRT)
- Swiftwater & Flood Rescue Technician Advanced (SRTA)
- Professional Qualification Assessment: Water (PQW)
- Professional Qualification Assessment: Water & Rope (PQWR)

Taught by

- Online - Register at www.rescue3.com/onlinetraining.php

Swiftwater and Flood Awareness Online (AWRO)

This course does not have a skill sheet.

For a detailed list of subjects taught in this course, contact info@rescue3.com

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AWRO

Swiftwater and Flood Rescue Boat Operator (SFRBO)

The Swiftwater and Flood Rescue Boat Operator program combines all of the skills learned in the Flood Rescue Boat Operator and Swiftwater Rescue Boat Operator courses. Students will learn to handle boats in both flat and moving water (Class III), as well as how to perform rescues safely and effectively in both environments.

Contact hours

40 hours

Prerequisites

- Must be a confident swimmer
- Minimum age: 18.
- Swiftwater and Flood Rescue Technician (SRT)

Qualification valid for

3 years

Recertifies

- Flood Rescue Boat Operator (FRBO)
- Swiftwater Rescue Boat Operator (SRBO)
- Swiftwater and Flood Rescue Boat Operator (SFRBO)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Recerted by

- Swiftwater and Flood Rescue Boat Operator (SFRBO)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Taught by

- Swiftwater & Flood Rescue Boat Operator Instructor (SFRBOI)

Swiftwater and Flood Rescue Boat Operator (SFRBO)

	SKILL/KNOWLEDGE		Date Performed/Observed	Student Initials	Instructor Initials
1.	Operational Risk Assessment	Lecture			
2.	Crew Positions and Responsibilities	Lecture			
3.	Boat Handling Theory	Lecture			
4.	Navigation Rules	Lecture			
5.	Swiftwater Dynamics – Class I to III	Lecture			
6.	FEMA/NIMS and Team Types	Lecture			
7.	Inter-Agency Operations and Large Scale Incidents	Lecture			
8.	Search Techniques	Lecture			
9.	Night Operation Organization and Safety	Lecture			
10.	Daily, Pre-Trip and Post-Trip Check Procedures				
11.	Boat Rigging				
12.	Station Holding – Class I				
13.	Station Holding – Class III				
14.	Mid-Stream Object Touches – Class I				
15.	Mid-Stream Object Touches – Class III				
16.	Fast-Water Landings				
17.	Motor Failure Procedures				
18.	Flat Water Close Quarter Maneuver – Class I				
19.	Upstream Close Quarter Maneuver – Class III				
20.	Downstream Close Quarter Maneuver – Class III				
21.	Flat Water On-Plane Maneuver – Class I				
22.	Upstream On-Plane Maneuver – Class III				
23.	Downstream On-Plane Maneuver – Class III				
24.	Person in Water Recovery – Class I				
25.	Person in Water Recovery – Class III				
26.	Rescue Swimmer Deployment – Class I				
27.	Rescue Swimmer Deployment – Class III				
28.	Capsize Recovery – Class I				
29.	Capsize Recovery – Class III				
30.	Towing				
31.	Search Scenario – Daylight				
32.	Night Operation				
33.					
34.					

Swiftwater and Flood Rescue Technician (SRT)

The SRT course provides rescuers with the fundamentals of survival in moving water and is recommended for anyone who may be called upon to effect in-water rescues. Students gain knowledge in hydrology and river classifications, size-up, site control and scene management. Practical skills include self-rescue, swiftwater swimming and the fundamentals of shore, boat and in-water rescues. Additionally students are introduced to the basics of boat handling and the fundamentals of rope rescue including mechanical advantage and anchor systems.

Contact hours

24 hours

Prerequisites

- Minimum age: 18
- Confident Swimmer

Qualification valid for

3 years

Recertifies

- Water and Flood Awareness (AWR)
- Swiftwater & Flood Rescue Awareness Online (AWRO)
- Basic Water First Responder (BWFR)
- Operations: Swiftwater and Flood First Responder (OPS))
- Swiftwater & Flood Rescue Technician (SRT)

Recerted by

- Water Specialty Course group (see Water specialty course recertification on pg 8)
- Swiftwater & Flood Rescue Technician (SRT)
- Swiftwater & Flood Rescue Technician Advanced (SRTA)
- Professional Qualification Assessment: Water (PQW)
- Professional Qualification Assessment: Water & Rope (PQWR)

Taught by

- Swiftwater and Flood Rescue Technician Instructor (SRTI)
- Swiftwater and Flood Rescue Advanced Instructor (SRTAI)

Standard

[Rescue 3 International Water Rescue Standard](#)

Swiftwater & Flood Rescue Technician (SRT)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Knowledge				
Rescue 3 philosophy	1			
Training standards	2			
Best Practice Guidelines	3			
Hydrology and water hazards	4			
Floodwater dynamics and hazards	5			
Flood theory	6			
Personal equipment	7			
Technical and team equipment	9			
Pre-planning	10			
Risk assessments	11			
Incident size-up	12			
Incident management and site control	14			
Medical and decontamination considerations	16			
Considerations for night/poor visibility operations	17			
Introduction to searching rivers and floods	19			
Search considerations	20			
Helicopter familiarization	21			
Communications	22			
Weir (low head dam) rescue considerations	23			
Introduction to rescues from vehicles in water	24			
Animal rescue considerations	25			
Mud, ice and unstable surface considerations (optional)	18			
Water Skills				
Swiftwater swimming techniques	29			
Strainer swim	30			
Conditional rescues - talk, reach, throw	31			
Shallow water techniques	32			
Tethered boat techniques	33			
Inflated fire hose (if used by agency)	34			
Tensioned diagonals	35			
Line crossing methods	36			
True rescues in moving water - tethered	38			
Introduction to paddle boat handling (if used by agency)	39			
Boat unwrapping (if used by agency)	40			
Flips and rights (if used by agency)	41			
People and equipment entrapments	42			
Victim management	43			
Knots and anchor systems	44			
Tensioning systems and mechanical advantage	45			
Belay systems	46			
Scenarios	47			

4

SRT

SRT version 1.5.2

Swiftwater Paddle Boat Handling (SPBH)

The Swiftwater Paddle Boat Handling (SPBH) course is designed for Rescue 3 Swiftwater Rescue Technicians (SRTs), who wish to improve and expand on their paddle boat handling ability. It follows on from the basic boat handling section in the SRT class and covers in more depth, swiftwater boat handling and rescue scenarios using the paddle boat as a rescue craft.

It is a supporting course to assist trained swiftwater rescuers, rather than a qualification to be used by professional river users. Shortly and sweetly, it's not a raft guide qualification. The Swiftwater Paddle Boat Handling course is designed as a paddle boat handling course only, and does not cover use of powered craft. However, it may be used to support Rescue 3 powerboat courses.

Contact hours

12 hours

Prerequisites

- Swiftwater and Flood Rescue Technician (SRT)
- Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Swiftwater Paddle Boat Handling (SPBH)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Recerted by

- Swiftwater Paddle Boat Handling (SPBH)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Taught by

- Swiftwater Paddle Boat Handling Instructor (SPBHI)

Swiftwater Paddle Boat Handling (SPBH)

Skill/knowledge	Date	Student signature	Instructor signature
Lecture knowledge			
1. Rescue 3 philosophy			
2. Water rescue training standards			
3. Personal equipment			
4. Dynamic risk assessment and incident size-up			
5. Pre-planning			
6. Medical and decontamination considerations			
7. Route planning			
8. Communications			
9. Crew operational roles			
10. Multiple boat operations			
11. Swiftwater dynamics and hazards			
12. Boat and hull types			
13. Rescue boat equipment			
14. Pre- and post-trip checks			
15. Considerations for night/poor visibility operations			
Rescue boat operations			
16. Launching and recovery			
17. Boat handling with paddles			
18. Securing			
19. Flips and rights			
20. Team/personal recovery			
21. Casualty pick-up and recovery			
22. Casualty management			
23. Boat-based conditional rescues			
24. Boat wraps			
25. Hydraulics and weir considerations			
Other			
Optional:			

Swiftwater Recovery Specialist (SRS)

With a curriculum designed by international experts, this one day course is specially-designed for those already certified to the Swiftwater Rescue Technician level (current certification required). It explores the complexities and techniques of body recovery from shallow depth swiftwater environments.

This advanced course was developed by the New Zealand branch of Rescue 3 International based on input from subject experts around the globe. This course is the only one of its kind, and has received international attention based on its comprehensive and thoughtful approach to the subject matter. Rescue 3 New Zealand describes the history and launch of this course on their blog.

Contact Hours

16 hours

Prerequisites

- Minimum age: 18
- Swiftwater and Flood Rescue Technician (SRT)

Qualification valid for

3 years

Recertifies

- Water and Flood Awareness (AWR)
- Swiftwater and Flood Awareness Online (AWRO)
- Basic Water First Responder (BWFR)
- Operations: Swiftwater and Flood First Responder (OPS)
- Swiftwater and Flood Rescue Technician (SRT)
- Swiftwater Recovery Specialist (SRS)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Recerted by

- Swiftwater Recovery Specialist (SRS)
- Swiftwater and Flood Rescue Technician (SRT)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Taught by

- Swiftwater Recovery Specialist Instructor (SRSI)

Swiftwater Recovery Specialist (SRS)

	<i>RK/ RS</i>	<i>SKILLS/KNOWLEDGE</i>	<i>Date</i>	<i>Student Initials</i>	<i>Instructor Initials</i>
1.	RK	Determining mode (Rescue vs. Recovery)			
2.	RK	Local legal authority and roles			
3.	RK	Disaster victim identification			
4.	RK	Recovery management			
5.	RK	Absolutes of body recovery			
6.	RK	Decomposition factors			
7.	RK	Infectious disease control and personal safety			
8.	RK	Psychological considerations			
9.	RK	Management of family and media			
10.	RK	Recording and presenting evidence for law enforcement			
11.	RK	Body recovery equipment, techniques and case studies			
12.	RK	Recovery methods from highline			
13.	RS	Recovery methods using advanced throw bag techniques			
14.	RS	Recovery methods from boat or board			
15.	RS	Specialist equipment: Mr. Flexi, Captain Hook			
16.	RK	SRS/SRM written exam			
17.	OS	Other specialist equipment: (specify)			
18.	OS	Recovery methods from vehicles			
19.	OS	Recovery exercise – Grade 2-3 (SRT1 only)			
20.	OS	Recovery exercise – Grade 3-5 (SRTA only)			
21.		Additional Skills:			

Swiftwater Rescue Boat Operator (SRBO)

This course is designed to introduce students to boat operation on swiftwater. During the course students gain experience reading moving water and operating boats in current. Using both a motor and paddles, students will practice such skills as use and avoidance of hydraulics, ferrying across current, and obstacle navigation will be practiced in Class I and II whitewater. Students then progress to operating both up and down stream in class III and above whitewater. Other exercises include night operation scenarios and multiple boat operations.

Contact hours

24 hours

Prerequisites

- Flood Rescue Boat Operator (FRBO) or
- Prior boat experience and Swiftwater and Flood Rescue Technician (SRT)
- Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Flood Rescue Boat Operator (FRBO)
- Swiftwater Rescue Boat Operator (SRBO)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Recerted by

- Swiftwater Rescue Boat Operator (SRBO)
- Swiftwater and Flood Rescue Boat Operator (SFRBO)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Taught by

- Swiftwater & Flood Rescue Boat Operator Instructor (SFRBOI)

Swiftwater Rescue Boat Operator (SRBO)

	SKILL/KNOWLEDGE		Date Performed/Observed	Student Initials	Instructor Initials
1.	Rescuer safety, training & equipment	Lecture			
2.	Swiftwater dynamics	Lecture			
3.	Boats - handling & types	Lecture			
4.	Applicable Coast Guard & local laws/statutes	Lecture			
5.	Maintenance: hull & engine, repair kits	Lecture			
6.	Daily, pre-trip and post-trip check procedures	Lecture			
7.	Victim management	Lecture			
8.	Boat rigging & trailering	Lecture			
9.	On-scene safety orientation	Lecture			
10.	Night ops organization & safety	Lecture			
11.	Static: Crew operational duties	Lecture			
12.	Static: Operational familiarization with equipment				
13.	Static: Basic paddle boat handling				
14.	Static: Flips & rights				
15.	Static: Crew-person overboard recovery				
16.	Static: Maneuvers around objects/course				
17.	Static: Victim pick-up				
18.	Static: Towing – stranded vessel				
19.	Dynamic: Boat maneuvers, Class 1 water				
20.	Dynamic: Flips & rights				
21.	Dynamic: Basic paddle boat handling				
22.	Dynamic: Crew-person overboard recovery				
23.	Dynamic: Maneuvers around objects/course				
24.	Dynamic: Boat maneuvers, Class 2 water				
25.	Dynamic: Boat maneuvers, Class 3 water				
26.	Dynamic: Victim pick-up				
27.	Dynamic: Boat based "live bait" rescue				
28.	Dynamic: Towing - stranded vessel				
29.	Dynamic: Rescue problem				
30.	Night ops problem				
31.	Other:				

Technical Animal Rescue in Swiftwater (TAR)

This course teaches students how to rescue animals without becoming victims. Subjects covered include rescuer safety, animal behavior in rescues, basic first-aid for animals, and how to extricate and safely transport animals in a flood or low angle environment.

Contact Hours

24 hours

Prerequisites

- Minimum age: 18
- Swiftwater and Flood Rescue Technician (SRT)

Qualification valid for

3 years

Recertifies

- Water and Flood Awareness (AWR)
- Swiftwater and Flood Awareness Online (AWRO)
- Basic Water First Responder (BWFR)
- Operations: Swiftwater and Flood First Responder (OPS)
- Swiftwater and Flood Rescue Technician (SRT)
- Technical Animal Rescue in Swiftwater (TAR)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Recerted by

- Technical Animal Rescue in Swiftwater (TAR)
- Swiftwater and Flood Rescue Technician (SRT)
- Water Specialty Course group (see Water specialty course recertification on pg 8)

Taught by

- Technical Animal Rescue in Swiftwater Instructor (TARI)

Technical Animal Rescue in Swiftwater (TAR)

	RK/ RS	SKILLS/KNOWLEDGE	Date	Student Initials	Instructor Initials
1.	RK	NFPA Standards			
2.	RK	Size-up, management, and preplanning			
3.	RK	Absolutes			
4.	RK	Philosophy of animal rescue			
5.	RK	Communications			
6.	RK	Rescuer safety, training & equipment			
7.	RK	Swiftwater hydrology			
8.	RK	Panic and survival			
9.	RK	Introduction to ropes, knots, technical gear			
10.	RK	Animals behavior: pets & livestock			
11.	RK	Animal behavior in rescues			
12.	RK	The animal rescue environment--swiftwater, structures, cars			
13.	RK	Body language with animals			
14.	RK	Swimming an animal			
15.	RK	Leading horses			
16.	RK	Dealing with wild animals			
17.	RK	Introduction to specialized animal rescue equipment			
18.	RK	Basic animal medical considerations			
19.	RK	Chemical capture			
20.	RK	Euthanasia in the field			
21.	RK	On-scene safety orientation			
22.	RS	Swimming ferry backstroke			
23.	RS	Swimming ferry crawl upstream			
24.	RS	Eddy catching			
25.	RS	Throwbags & coils			
26.	RS	Shallow water crossings			
27.	RS	Contact rescues			
28.	RK	Introduction to powered boat operations			
29.	RS	Basic paddle boat handling			
30.	RS	Anchors			
31.	RS	Tensioning systems			
32.	RS	Using a catchpole			
33.	RS	Using a pole net			
34.	RS	Using graspers			
35.	RS	Lifting dogs			
36.	RS	Scruffing cats			
37.	RS	Basic low-angle lowering and raising systems			
38.	RS	Personal, victim, and animal basic harnessing			
39.		Additional Skills:			

Technical Rope Rescue Operations Level (TRROL)

This 3-day course provides students with the fundamentals of rope rescue in the low-angle environment. Students learn and practice skills preplanning and size-up of rope rescue operations, knots, anchor systems, belay operations, ascending and descending lines, mechanical advantage systems, patient packaging & litter attending. Students learn how to safely navigate low-angle or over-the-bank rescue situations and assist rescuers in high-angle environments.

Contact hours

24 hours

Prerequisites

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- First Due Low Angle (FDLA)
- Technical Rope Rescue Operations Level (TRROL)

Recerted by

- Rope Rescue Operator (RRO)
- Rope Rescue Technician (RRT)
- Technical Rope Rescue Operations Level (TRROL)
- Technical Rope Rescue Technician Level (TRRTL)

Taught by

- Rope Rescue Operator Instructor (RROI)
- Rope Rescue Technician Instructor (RRTI)

4

TRROL

Technical Rope Rescue Operations Level (TRROL)

SKILL/KNOWLEDGE		Reference Number(s): NFPA 1670	NFPA 1006 (version '03)	Date	Student Initials	Instructor Initials
1. N.F.P.A. standard	RK	1-1.1; 1-1.2	1.1; 1.2			
2. Rescue instruction philosophy & "Absolutes"	RK					
3. Rescuer safety	RK	2-1.3; 2-5	1.3.1; 4.1			
4. Personal & team equipment	RK	2-4.1.2; 2-4.2.2; 2-5.1.2; 4.3.2 (b)	5.4.1; 5.4.2			
5. Equipment care and maintenance	RK	4-3.2 (i)	5.4.1; 5.4.2			
6. Pre-incident plan	RK	4-2.2 (b)	5.2.1			
7. Size-up	RK	4-2.2 (a)	5.2.2			
8. General hazards	RK	2-5.1.1 & 4-2.2 (e)				
9. Incident management system	RK	2-5.3.1 thru 2-5.3.4	5.2.4			
10. On-scene safety briefing & site control	RK	2-5.2.1; 2-5.2.2; 4-2.2 (d)	5.2.3			
11. Introduction to ropes, knots and technical gear	RK	4-3.2 (f) & (i)				
12. Knots	RK	4-3.2 (f)	5.5.1			
a. Figure 8 stopper	RS					
b. Figure 8 Follow-through	RS					
c. Figure 8 on a bight	RS					
d. Butterfly	RS					
e. Other	RS					
13. Bends	RK	4-3.2 (f)	5.5.1			
a. Overhand bend (ring bend, water knot)	RS					
b. Double overhand bend (barrel knot, double fisherman's)	RS					
c. Square bend (square knot)	RS					
14. Hitches	RK	4-3.2 (f)	5.5.1			
a. Munter	RS					
b. Prusik	RS					
c. Clove	RS					
d. Kleinheist	RS					
e. Double half	RS					
15. Tied harnesses	RK		5.3.5			
a. Hanson	RS					
b. Swiss seat	RS					
16. Anchorage	RK	4-3.2 (c)	5.5			
a. Dynamics of inside angles	RK					
b. Full strength tie-off	RS					
c. Single point	RK		5.5.2			
i. 3 Bight or basket hitch (multi-wrap basket)	RS					

Technical Rope Rescue Technician Level (TRRTL)

This 40 hour course is designed to take students from basic over-the-bank rescues to progressively more vertical scenarios. Students learn and practice such skills as preplanning, size-up and scene management, ascending and descending, belaying, mechanical advantage systems, lowering and raising systems, patient packaging and litter attending, tethers, and highlines. Completion of the TRR:TL class satisfies the requirements in NFPA 1670 for Technical Rope Technician level training. In addition, Technician level training is mandatory for inclusion on many Federal Emergency Management Agency Teams at different levels.

Contact hours

40 hours

Prerequisites

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- First Due Low Angle (FDLA)
- Technical Rope Rescue Operations Level (TRROL)
- Technical Rope Rescue Technician Level (TRRTL)
- Rope specialty course (see Rope specialty course recertification on pg 8)

Recerted by

- Technical Rope Rescue Technician Level (TRRTL)
- Swiftwater & Flood Rescue Technician Advanced (SRTA)
- Professional Qualification Assessment: Rope (PQR)
- Professional Qualification Assessment: Water & Rope (PQWR)
- Rope specialty course (see Rope specialty course recertification on pg 8)

Taught by

- Rope Rescue Technician Instructor (RRTI)

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TRRTL

Technical Rope Rescue Technician Level (TRRTL)

SKILL/KNOWLEDGE		Reference Number(s): NFPA 1670	NFPA 1006 (version '03)	Date	Student Initials	Instructor Initials
1. N.F.P.A. standard	RK	1-1.1; 1-1.2	1.1; 1.2			
2. Rescue instruction philosophy & "Absolutes"	RK					
3. Rescuer safety	RK	2-1.3; 2-5	1.3.1; 4.1			
4. Personal & team equipment	RK	2-4.1.2; 2-4.2.2; 2-5.1.2; 4.3.2 (b)	5.4.1; 5.4.2			
5. Equipment care and maintenance	RK	4-3.2 (i)	5.4.1; 5.4.2			
6. Pre-incident plan	RK	4-2.2 (b)	5.2.1			
7. Size-up	RK	4-2.2 (a)	5.2.2			
8. General hazards	RK	2-5.1.1 & 4-2.2 (e)				
9. Incident management system	RK	2-5.3.1 thru 2-5.3.4	5.2.4			
10. On-scene safety briefing & site control	RK	2-5.2.1; 2-5.2.2; 4-2.2 (d)	5.2.3			
11. Introduction to ropes, knots and technical gear	RK	4-3.2 (f) & (i)				
12. Knots	RK	4-3.2 (f)	5.5.1			
a. Figure 8 stopper	RS					
b. Figure 8 Follow-through	RS					
c. Figure 8 on a bight	RS					
d. Butterfly	RS					
e. Other	RS					
13. Bends	RK	4-3.2 (f)	5.5.1			
a. Overhand bend (ring bend, water knot)	RS					
b. Double overhand bend (barrel knot, double fisherman's)	RS					
c. Square bend (square knot)	RS					
14. Hitches	RK	4-3.2 (f)	5.5.1			
a. Munter	RS					
b. Prusik	RS					
c. Clove	RS					
d. Kleinheist	RS					
e. Double half	RS					
15. Tied harnesses	RK		5.3.5			
a. Hanson	RS					
b. Swiss seat	RS					
16. Anchorage	RK	4-3.2 (c)	5.5			
a. Dynamics of inside angles	RK					
b. Full strength tie-off	RS					
c. Single point	RK		5.5.2			
i. 3 Bight or basket hitch (multi-wrap basket)	RS					

Tower Safety, Climbing, & Rescue (TWR)

This course integrates the most current technology and research on Tower Safety, Climbing, and Rescue from throughout the world, and utilizes “discovery learning” to teach skills necessary to safely effect work in and around towers.

The course covers basic and specialized equipment, ropes and rigging, safety considerations, scene management and organizations, ascending and descending, belaying lowering and raising systems and litter management in a tower environment.

Contact hours

24 hours

Prerequisites

- Minimum age: 18
- Rope Rescue Technician (RRT) or above

Qualification valid for

3 years

Recertifies

- Tower Safety, Climbing, & Rescue (TWR)
- Rope Rescue Operator (RRO)
- Rope Rescue Technician (RRT)

Recerted by

- Tower Safety, Climbing, & Rescue (TWR)
- Rope Rescue Technician (RRT)
- Rope Rescue Technician (RRT)

Taught by

- Tower Rescue Instructor (TWRI)

4

TWR

Tower Safety, Climbing, & Rescue (TWR)

4

TWR

Skill / Knowledge	Lecture or Observed/Participated	Date	Instructor Initials	Student Initials
OSHA Standards Review	Lecture			
Tower Types and Construction	Lecture			
Environmental Hazards	Lecture			
Structural Hazards	Lecture			
Energy Hazards	Lecture			
Lock-out Tag-out	Lecture			
Personal and Crew Safety	Lecture			
Job Safety Plan	Lecture			
Daily Safety Meeting	Lecture			
Personal Protective Equipment	Lecture			
Equipment Care and Maintenance	Lecture			
Equipment Inspection	Lecture			
Medical Considerations	Lecture			
Overview of Fall Protection	Lecture			
Restraint	Lecture			
Positioning	Lecture			
Fall Arrest	Lecture			
Suspension	Lecture			
Permanent Engineered Fall Protection System	Lecture			
Anchors and Anchor Systems	Observed/Participated			
Safe and Efficient Climbing	Observed/Participated			
100 Percent Tie-off	Observed/Participated			
Descending Techniques	Observed/Participated			
Self Rescue	Observed/Participated			
Two line systems	Observed/Participated			
Partner Rescue	Observed/Participated			
Pick-Off and Lower	Observed/Participated			
Pick-Off, Patient Lower with Rescuer	Observed/Participated			
Team Rescue	Observed/Participated			
Vector Raise	Observed/Participated			
Tag Line Lower	Observed/Participated			
Skate Block Lower	Observed/Participated			
Other—specify:	Observed/Participated			

Water and Flood Awareness (AWR)

This 8 hour classroom seminar introduces personnel to the problems associated with swiftwater & flood rescue as well as the procedures to follow in flash flood, large-scale disaster, and seasonal flooding situations. The course is designed to develop knowledge in the areas of:

- scene assessment & incident size up (of both existing & potential conditions)
- resource ordering
- activation procedures for rescue response
- site control and scene management
- hazard recognition & mitigation procedures

In order to accomplish the responsibilities of the awareness level responder, the course also provides students with a conceptual understanding of the principles, applications, and hazards associated with advanced water rescue techniques.

Contact hours

8 hours

Prerequisites

Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Water & Flood Awareness (AWR)
- Swiftwater and Flood Awareness Online (AWRO)

Recerted by

- Water & Flood Awareness (AWR)
- Swiftwater and Flood Awareness Online (AWRO)
- Basic Water First Responder (BWFR)
- Operations: Swiftwater and Flood First Responder (OPS)
- Swiftwater and Flood Rescue Technician (SRT)
- Swiftwater & Flood Rescue Technician Advanced (SRTA)
- Professional Qualification Assessment: Water (PQW)
- Professional Qualification Assessment: Water & Rope (PQWR)

Taught by

- Water and Flood Awareness Tutor (AWRT)
- Basic Water First Responder Instructor (BWFRI)
- Operations: Swiftwater and Flood First Responder (OPS)
- Swiftwater and Flood Rescue Technician Instructor (SRTI)
- Swiftwater and Flood Rescue Advanced Instructor (SRTAI)

Water and Flood Awareness (AWR)

Skill/Knowledge	Rescue 3 Standard	Date	Student Signature	Instructor Signature
Knowledge				
Rescue 3 philosophy	1			
Training standards	2			
Best Practice Guidelines	3			
Hydrology and water hazards	4			
Floodwater dynamics and hazards	5			
Flood theory	6			
Personal equipment	7.1, 7.2			
Identify equipment used by water rescue teams	9.1			
Pre-planning	10			
Risk assessments	11.1, 11.2, 11.3			
Incident size-up	12.1, 12.2, 12.3, 12.4			
Incident management and site control	14.1, 14.2, 14.3			
Medical and decontamination considerations	16			
Considerations for night/poor visibility operations	17			
Mud, ice and unstable surface considerations	18			
Search Considerations	20			
Communications	22			
Accidental immersion considerations	26			
Other				
Optional:				

AWR version 15.2

4

AWR

Whitewater Rescue for Paddlers (WRP)

The Whitewater Rescue for Paddlers (WRP) course is for recreational paddlers who wish to have a rescue capability while paddling or in a whitewater environment with their peers.

16 hours

Prerequisites

- Prior river experience
- Must be a confident swimmer
- Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Recreational River Safety (RRS)
- Whitewater Rescue for Paddlers (WRP)

Recerted by

- Whitewater Rescue for Paddlers (WRP)
- Whitewater Rescue Technician (WRT)

Taught by

- Whitewater Rescue for Paddlers Instructor (WRPI)
- Whitewater Rescue Technician Instructor (WRTI)

4

WRP

Whitewater Rescue for Paddlers

Skill/knowledge	Date	Student signature	Instructor signature
Theory			
1. Rescue 3 philosophy			
2. Training standards			
3. River hydrology and hazards			
4. Personal equipment			
5. Technical and group equipment			
6. River running considerations			
7. Assessing risk			
8. Managing an incident			
9. Medical considerations			
10. Night/poor visibility considerations			
11. Communications			
12. Strainer considerations			
Practical			
13. Whitewater swimming techniques			
14. Conditional rescues – throwbags			
15. Introduction to shallow water techniques			
16. Foot/body entrapments			
17. Introduction to knots and anchor systems			
18. Introduction to mechanical advantage			
19. Tethered rescues			
20. Line crossing methods			
21. Handheld diagonals/zip lines			
22. Simple boat wraps/pins			
23. Victim/casualty management			
24. Scenarios			
Other			
Optional:			

Whitewater Rescue Technician (WRT)

The Whitewater Rescue Technician course is designed for professional river users who require a rescue capability in a whitewater environment, eg raft guides, safety kayakers.

Contact hours

24 hours

Prerequisites

- Current River Guide
- Prior river experience
- Must be a confident swimmer
- Minimum age: 18.

Qualification valid for

3 years

Recertifies

- Recreational River Safety (RRS)
- Whitewater Rescue for Paddlers (WRP)
- Whitewater Rescue Technician (WRT)

Recerted by

- Whitewater Rescue Technician (WRT)

Taught by

- Whitewater Rescue Technician Instructor (WRTI)

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WRT

Whitewater Rescue Technician (WRT)

Skill/knowledge	Date	Student signature	Instructor signature
Theory			
1. Rescue 3 philosophy			
2. Training standards			
3. River hydrology and hazards			
4. Personal equipment			
5. Technical and group equipment			
6. River running considerations			
7. Assessing risk			
8. Managing an incident			
9. Medical considerations			
10. Night/poor visibility considerations			
11. Introduction to searching rivers			
12. Communications			
Practical			
13. Whitewater swimming techniques			
14. Strainer swim			
15. Conditional rescues – throwbags			
16. Shallow water techniques			
17. Foot/body entrapments			
18. Knots and anchor systems			
19. Tensioning systems and mechanical advantage			
20. Tethered rescues			
21. Line crossing methods			
22. Tensioned diagonals/zip lines			
23. Flips, rights and crew/client recovery (optional)			
24. Boat pins and wraps			
25. Tethered boat techniques			
26. Victim/casualty management			
27. Belay systems			
28. Boat on a highline (optional)			
29. Scenarios			
Other			
Optional:			

4

WRT

Wind Turbine Access for Emergency Responders (WTAFER)

The Wind Turbine Access for Emergency Responders (WTAFER) course is for members of the rescue services who may need to perform a rescue at a wind turbine. Wind turbines pose some special challenges: they are often in rural areas and/or are difficult to reach. Those working on wind turbines may be in potentially confined spaces, where a rescue is a challenging task for fire and rescue services and other emergency responders. Due to its international relationships, where instructors face these challenges from different perspectives (safe working, fire and rescue), Rescue 3 has developed the Wind Turbine Access for Emergency Responders course to help organizations maintain high safety standards at all times. Rescue 3 provides an agreed upon international certified training program to their training providers and instructors, to help them provide up to date information in this rapidly growing market of renewable energy.

Contact hours

12 hours

Prerequisites

- Minimum age: 18.
- Technical Rope Rescue Operations Level (TRROL) **or**
- Technical Rope Rescue Technician Level (TRRTL)

Qualification valid for

3 years

Recertifies

- Wind Turbine Access for Emergency Responders (WTAFER)
- Technical Rope Rescue Technician Level (TRRTL)
- Rope specialty course (see Rope specialty course recertification on pg 8)

Recerted by

- Wind Turbine Access for Emergency Responders (WTAFER)
- Technical Rope Rescue Technician Level (TRRTL)
- Professional Qualification Assessment: Rope (PQR)
- Professional Qualification Assessment: Water & Rope (PQWR)
- Rope specialty course (see Rope specialty course recertification on pg 8)

Taught by

- Wind Turbine Operator Instructor (WTOI)

Wind Turbine Access for Emergency Responders (WTAFER)

Skill/knowledge	Date	Student signature	Instructor signature
Lecture knowledge			
1. Rescue 3 philosophy			
2. Rope rescue training standards			
3. Rescuer safety and survival			
4. General hazards			
5. Medical considerations			
6. Dynamic risk assessment and incident size-up			
7. Pre-planning			
8. Communications			
9. Types of wind turbine and operating principles			
10. Lock out/tag out			
Personal skills			
11. Introduction to ropes, knots and technical gear			
12. Anchor systems			
13. Placing rope protection			
14. Administering treatment at height			
15. Haul systems			
16. Rescue of patient from tower/nacelle			
Other			
Optional:			

Wind Turbine Operator (WTO)

The Wind Turbine Operator course is for workers operating in and on wind turbines. Wind turbines pose some special challenges: they are often in rural areas and/or are difficult to reach. Within wind turbines, workers face further challenges: workers are working in pairs or small groups, in difficult to reach and potentially confined spaces, where a rescue is a challenging task for co-workers and/or fire and rescue services. Therefore, people need to work as safely as possible at all times, following set standards, national laws and regulations, and company-specific standards and procedures. Due to its international relationships, where instructors face these challenges from different perspectives (safe working, fire and rescue), Rescue 3 has developed the Wind Turbine Operator course to help organizations maintain high safety standards at all times. Rescue 3 provides an agreed international certified training program to their training providers and instructors, to help them provide up to date information in this rapidly growing market of renewable energy.

Contact hours

12 hours

Prerequisites

Minimum age: 18.

Qualification valid for

Prior experience of working with ropes is recommended

Recertifies

- Safe Work at Heights (SWAH)
- Co-Worker Rescue at Heights (CWRH)
- Rope Access Safety and Rescue (RASR)
- Wind Turbine Operator (WTO)

Recerted by

- Wind Turbine Operator (WTO)
- Industrial Rope Rescue Technician (IRRT)
- Tower Safety, Climbing and Rescue (TWR)

Taught by

- Wind Turbine Operator Instructor (WTOI)

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WTO

Wind Turbine Operator (WTO)

Skill/knowledge	Date	Student signature	Instructor signature
Lecture knowledge			
1. Rescue 3 philosophy			
2. Rope rescue training standards			
3. Worker safety and survival			
4. General hazards			
5. Medical considerations			
6. Personal equipment			
7. Technical and team equipment			
8. Dynamic risk assessment and incident size-up			
9. Incident management and site control			
10. Pre-planning			
11. Communications			
12. Lock out/tag out			
Personal skills			
13. Use of fire extinguishers			
14. Basic life support (including CPR and AED)			
15. First aid at height			
16. Introduction to ropes, knots and technical gear			
17. Anchor systems			
18. Placing rope protection			
19. Use of work restraint and work positioning equipment			
20. Use of different types of fall arrest equipment			
21. Use of lanyards and shock absorbers			
22. Emergency descending			
23. Rescue of a co-worker from fall arrest systems			
24. Scenarios			
Other			
Optional:			

4

WTO

5

INSTRUCTOR Levels



Instructor Training

Rescue 3 Instructors have long been considered some of the best in the industry and the Rescue 3 Instructor qualification is used as a sign of professionalism and quality wherever rescue courses are run throughout the world.

There are currently 1500 Rescue 3 Instructors worldwide, and over 375,000 students hold a Rescue 3 qualification. In the following section we have separated the Instructor pathways for those students wishing to go on to train as Rescue 3 Instructors in the various disciplines we teach.

Air Monitoring Instructor (AMI)

The Air Monitoring Instructor course enables Instructors to teach the gas detection courses.

Prerequisites

- Air Monitoring Qualified Person (AMQP)
- Confined Space Rescue Technician (CSRT)
- Wilderness First Responder (WFR), EMT, or equivalent workplace emergency medical certification

Instructor training & assessment

- Observe, assist & be assessed by CSRT-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Basic Air Monitoring (BAM)
- Air Monitoring Qualified Person (AMQP)

Animal Rescue Technician Instructor (ARTI)

The Animal Rescue Technician Instructor pathway is designed for those wishing to teach Rescue 3's Animal Rescue Technician courses.

Prerequisites

- Animal Rescue Technician 1 (ART1) twice
- Animal Rescue Technician 2 (ART2)
- Swiftwater and Flood Rescue Technician (SRT)
- Professional Qualification Assessment: Water & Rope (PQWR)
- Confined Space Awareness
- Hazmat Awareness
- EMT or Wilderness First Responder (WFR)

Instructor training & assessment

- Observe, assist & be assessed by ART-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Animal Rescue Technician 1 (ART1)
- Animal Rescue Technician 2 (ART2)

Basic Water First Responder Instructor (BWFR)

The Basic Water First Responder Instructor pathway is designed for candidates wishing to deliver a course with a rescue capability in a still or slow moving water environment, such as lakes, ponds and canals.

Prerequisites

- Operations: Swiftwater First Responder or higher
- EMT or Wilderness First Responder (WFR)

Instructor training and assessment

- Basic Water First Responder Instructor course (16 hours)

Qualification valid for

2 years

Able to teach

- Water and Flood Awareness (AWR)
- Basic Water First Responder (BWFR)
- Lifejacket Competent User (LJCU)
- Safe Work Near Water (SWNW)
- Co-Worker Rescue from Water - Basic (CWRWB)
- Flood Worker Safety (FWS)
- Rope Rescue Specialist (RRS)

Confined Space Entry and Rescue Instructor (CSERI)

The CSERI course enables delivery of courses to instruct how to free a colleague from a dangerous situation in confined spaces.

Prerequisites

- Confined Space Rescue Operator (CSRO)
- Documented experience working in confined spaces
- Wilderness First Responder (WFR), EMT, or equivalent workplace emergency medical certification

Instructor training & assessment

- Observe, assist & be assessed by CSR-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Safe Working in Confined Spaces (SWCS)
- Confined Space Entry and Rescue (CSER)

Confined Space Rescue Operator Instructor (CSROI)

The Confined Space Rescue Operator Instructor course covers the teaching of concepts and techniques to enable small teams to undertake technical confined space rescues.

Prerequisites

- Current Confined Space Rescue Technician (CSRT)
- Confined Space Rescue Operator (CSRO)
- Documented experience working in confined spaces
- Wilderness First Responder (WFR), EMT, or equivalent workplace emergency medical certification

Instructor training & assessment

- Observe, assist & be assessed by CSR-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Safe Working in Confined Spaces (SWCS)
- Confined Space Entry and Rescue (CSER)
- Confined Space Rescue Operator (CSRO)
- Basic Air Monitoring (BAM)
- Air Monitoring Qualified Person (AMQP)

Confined Space Rescue Technician Instructor (CSRTI)

The Confined Space Rescue Technician Instructor course covers the teaching of concepts and techniques to enable small teams to undertake technical confined space rescues.

Prerequisites

- Current Confined Space Rescue Technician Instructor (CSRTI)
- Current Confined Space Rescue Specialist (CSRS)
- Wilderness First Responder (WFR), EMT, or equivalent workplace emergency medical certification

Instructor training & assessment

- Observe, assist & be assessed by CSRT-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Safe Working in Confined Spaces (SWCS)
- Confined Space Entry and Rescue (CSER)
- Confined Space Rescue Operator (CSRO)
- Confined Space Rescue Technician (CSRT)
- Basic Air Monitoring (BAM)
- Air Monitoring Qualified Person (AMQP)

Confined Space Rescue Specialist Instructor (CSRSI)

The Confined Space Rescue Specialist Instructor course builds on the Confined Space Rescue Technician Instructor (CSRSI) course, enabling the instructor to teach advanced technical solutions to confined space rescue problems.

Prerequisites

- Current Confined Space Rescue Technician Instructor (CSRTI)
- Current Confined Space Rescue Specialist (CSRS)
- Wilderness First Responder (WFR), EMT, or equivalent workplace emergency medical certification

Instructor training & assessment

- Observe, assist & be assessed by CSRT-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Safe Working in Confined Spaces (SWCS)
- Confined Space Entry and Rescue (CSER)
- Confined Space Rescue Operator (CSRO)
- Confined Space Rescue Technician (CSRT)
- Confined Space Rescue Specialist (CSRS)
- Basic Air Monitoring (BAM)
- Air Monitoring Qualified Person (AMQP)

Co-Worker Rescue at Heights Instructor (CWRHI)

The Co-Worker Rescue at Heights Instructor course will enable candidates to teach the regulations, legislation and equipment relevant to working at heights, and demonstrate safe systems of work. They will also be able to teach participants how to deal with a colleague who has fallen and is hanging in their fall arrest system.

Prerequisites

- Co-Worker Rescue at Heights (CWRH)
- Current Rope Access for Emergency Responders (RAFER) or Rope Rescue Operator (RRO)
- Wilderness First Aid or equivalent workplace medical certification

Instructor training & assessment

- Observe, assist & be assessed by Rope-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Safe Work at Heights (SWAH)
- Co-Worker Rescue at Heights (CWRH)

Inland Rescue Swimmer Instructor (IRSI)

The Inland Rescue Swimmer Instructor pathway is designed for existing SRTI, SRTAI, or SRT-ITs to be able to deliver IRS courses.

Prerequisites

- Current Swiftwater and Flood Rescue Technician Instructor (SRTI) or Swiftwater and Flood Rescue Advanced Instructor (SRTAI)
- Inland Rescue Swimmer (IRS)
- Inland Rescue Swimmer Advanced (IRSA)*
- Inland Rescue Swimmer Coastal (IRSC)*
- EMT or Wilderness First Responder (WFR)

Instructor training & assessment

- Observe, assist & be assessed by IRS-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Inland Rescue Swimmer (IRS)
- Inland Rescue Swimmer Advanced (IRSA)
- Inland Rescue Swimmer Coastal (IRSC)

*Instructors may be signed off as an IRSI without taking these courses, however they may not teach them until they have attended and observed them.

Management of Water and Flood Incidents Instructor (MWFII)

The Management of Water and Flood Incidents Instructor (MWFII) pathway is designed for existing SRTI, SRTAI, or SRT-ITs to be able to deliver MWFII courses.

Prerequisites

- Current Swiftwater and Flood Rescue Technician Instructor (SRTI) or Swiftwater and Flood Rescue Advanced Instructor (SRTAI)
- Management of Water and Flood Incidents (MWFII)
- EMT or Wilderness First Responder (WFR)
- Prior command level flood experience

Instructor training & assessment

- Observe, assist & be assessed by MWFII-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Management of Water & Flood Incidents (MWFII)
- Flood Management for Non-Emergency Services (FMNES)

5

MWFII

Operations: Swiftwater First Responder Instructor (OPSI)

The Operations: Swiftwater First Responder Instructor pathway is designed for teaching personnel with a swiftwater and flood capability up to Operations level.

Prerequisites

- Swiftwater and Flood Rescue Technician (SRT) (24 hours)
- EMT or Wilderness First Responder (WFR)

Instructor training & assessment

- Operations: Swiftwater First Responder Instructor training (24 hours)

Qualification valid for

2 years

Able to teach

- Water and Flood Awareness (AWR)
- Basic Water First Responder (BWFR)
- Operations: Swiftwater and Flood First Responder (OPS)
- Lifejacket Competent User (LJCU)
- Safe Work Near Water (SWNW)
- Co-Worker Rescue from Water - Basic (CWRWB)
- Co-Worker Rescue from Water - Basic and Moving (CWRWBM)
- Flood Worker Safety (FWS)
- Flood Operations (FO)
- Rope Rescue Specialist (RRS)

Personal Watercraft Rescue Instructor (PWCI)

The Personal Watercraft Rescue Instructor pathway is designed for existing water Instructors with the necessary PWC handling experience to deliver the PWC course.

Prerequisites

- Current Whitewater Rescue for Paddlers (WRP), Whitewater Rescue Technician (WRT), Swiftwater and Flood Rescue Technician Instructor (SRTI) or Swiftwater and Flood Rescue Advanced Instructor (SRTAI)
Logged experience of PWC handling
- Personal Watercraft Surf Rescue Technician (PWC)
- EMT or Wilderness First Responder (WFR)

Instructor training & assessment

- Observe, assist & be assessed by PWC-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Personal Watercraft Surf Rescue Technician (PWC)

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PWCI

Recreational Rappel Instructor (RRI)

The Recreational Rappel Instructor course is for people in the Outdoor Adventure Industry who want to teach the Recreational Rappel Operator course.

Prerequisites

- Recreational Rappel Operator (RECRO)
- Wilderness First Responder (WFR) or EMT

Instructor training & assessment

- Observe, assist & be assessed by RR-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Recreational Rappel Operator (RECRO)

Rescues from Vehicles in Water Instructor (RVWI)

The Rescues from Vehicles in Water Instructor pathway is designed for existing SRTI, SRTAI, or SRT-ITs to be able to deliver SRS courses.

Prerequisites

- Current Swiftwater and Flood Rescue Technician Instructor (SRTI) or Swiftwater and Flood Rescue Advanced Instructor (SRTAI)
- Rescues from Vehicles in Water (RVW)
- EMT or Wilderness First Responder (WFR)

Instructor training & assessment

- Observe, assist & be assessed by RVW-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Rescues from Vehicles in Water (RVW)

Rope Access for Emergency Responders Instructor (RAFERI)

The Rope Access for Emergency Responders Instructor pathway will enable the Instructor to teach members of technical rope rescue teams who want to become proficient in rope access techniques and individual pick-off rescues.

Prerequisites

- Rope Rescue Technician (RRT)
- EMT, Wilderness First Responder (WFR), or equivalent workplace emergency medical certification

Instructor training & assessment

- Observe, assist & be assessed by Rope-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Safe Work at Heights (SWAH)
- Co-Worker Rescue at Heights (CWRH)
- Rope Access for Emergency Responders (RAFER)

Rope Rescue Operator Instructor (RROI)

The Rope Rescue Operator Instructor (RROI) course will enable tuition of those who operate safely and effectively during rope rescues, as an active part of a rope rescue team, working under the supervision of Rope Rescue Technicians.

Prerequisites

- Current Rope Rescue Operator (RRO)
- Current Rope Rescue Technician (RRT)
- EMT, Wilderness First Responder (WFR), or equivalent workplace emergency medical certification

Instructor training & assessment

- RROI course (24 hours) **or**
- Observe, assist & be assessed by InsWR-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Safe Work at Heights (SWAH)
- Co-Worker Rescue at Heights (CWRH)
- Rope Access for Emergency Responders (RAFER)
- Rope Rescue Operator (RRO)

Rope Rescue Technician Instructor (RRTI)

The Rope Rescue Technician Instructor (RRTI) course covers the teaching of concepts and techniques to enable small teams to undertake technical rope rescues. A building block approach is used throughout the course so that candidates can progress from key concepts through to the rigging and operation of full systems for raising, lowering and highline rescues.

Prerequisites

- Current Rope Rescue Operator Instructor (RROI)
- Current Rope Rescue Technician (RRT)
- Current Rope Rescue Specialist (RRS)
- EMT, Wilderness First Responder (WFR), or equivalent workplace emergency medical certification

Instructor training & assessment

- Rope Rescue Technician Instructor course (24 hours) or
- Observe, assist & be assessed by InsWR-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Safe Work at Heights (SWAH)
- Co-Worker Rescue at Heights (CWRH)
- Rope Access for Emergency Responders (RAFER)
- Rope Rescue Operator (RRO)
- Rope Rescue Technician (RRT)
- Professional Qualification Assessment: Rope (PQR)

Rope Rescue Specialist Instructor (RRSI)

The Rope Rescue Specialist Instructor (RRSI) course builds on the Rope Rescue Technician Instructor course, enabling the tuition of advanced technical solutions to rope rescue problems.

Prerequisites

- Current Rope Rescue Technician Instructor (RRTI)
- Current Rope Rescue Specialist (RRS)
- EMT, Wilderness First Responder (WFR), or equivalent workplace emergency medical certification

Instructor training & assessment

- Observe, assist & be assessed by Rope-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Safe Work at Heights (SWAH)
- Co-Worker Rescue at Heights (CWRH)
- Rope Access for Emergency Responders (RAFER)
- Rope Rescue Operator (RRO)
- Rope Rescue Technician (RRT)
- Rope Rescue Specialist (RRS)
- Professional Qualification Assessment: Rope (PQR)

Safe Work at Heights Tutor (SWAHT)

The Safe Working at Heights Tutor course will enable instruction in regulations, legislation and equipment relevant to working at height, as well as safe systems of work.

Prerequisites

- Current Co-Worker Rescue at Heights (CWRH)
- Current CPR certification

Instructor training & assessment

- Observe, assist & be assessed by Rope-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Safe Work at Heights (SWAH)

Safe Work in Confined Space Instructor (SWCSI)

The Safe Working in Confined Spaces Instructor (SWCS) course enables delivery of a course that provides insight into the dangers that workers face when working in confined spaces and the current legislation in this area.

Prerequisites

- Confined Space Entry and Rescue (CSER)
- Breathing apparatus training
- Documented experience working in confined spaces
- Wilderness First Responder (WFR), EMT, or equivalent workplace emergency medical certification

Instructor training & assessment

- Observe, assist & be assessed by CSR-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Safe Working in Confined Spaces (SWCS)

Searching Rivers and Floods Instructor (SRFI)

The Searching Rivers and Floods Instructor (SRFI) pathway is designed for existing SRTI, SRTAI, or SRT-ITs to be able to deliver SRF courses.

Prerequisites

- Current Swiftwater and Flood Rescue Technician Instructor (SRTI) or Swiftwater and Flood Rescue Advanced Instructor (SRTAI)
- Searching Rivers and Floods (30 hours)
- EMT or Wilderness First Responder (WFR)

Instructor training and assessment

- Observe, assist & be assessed by SRFI-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Searching Rivers and Floods (SRF)

Surface Ice Rescue Technician Instructor (SIRTI)

The Surface Ice Rescue Technician Instructor (SIRTI) pathway is designed for teaching personnel with an Ice capability up to Technician level.

Prerequisites

- Surface Ice Rescue Technician (SIRT) at least twice
- EMT or Wilderness First Responder (WFR)

Instructor training & assessment

- Observe, assist & be assessed by IRT-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Surface Ice Awareness (SIRA)
- Surface Ice Field Safety (SIFS)
- Surface Ice Rescue Technician (SIRT)

Surface Ice Rescue Specialist Instructor (SIRSI)

The Surface Ice Rescue Specialist Instructor (SIRSI) pathway is designed for teaching personnel with an Ice capability up to the Specialist level. In addition, SIRSI Instructors can teach skills and techniques on large volume rivers with open leads.

Prerequisites

- Surface Ice Rescue Technician (SIRT) at least twice
- Surface Ice Rescue Specialist (SIRS) module at least twice
- EMT or Wilderness First Responder (WFR)

Instructor training & assessment

- Observe, assist & be assessed by IRT-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Surface Ice Awareness (SIRA)
- Surface Ice Field Safety (SIFS)
- Surface Ice Rescue Technician (SIRT)
- Surface Ice Rescue Specialist (SIRS)

Swiftwater & Flood Rescue Boat Operator Instructor (SFRBOI)

The Swiftwater and Flood Rescue Boat Operator Instructor pathway is designed for rescue professionals who want to teach the full suite of boat classes - FRBO, SRBO, and SFRBO - and includes flat/slow moving water rescue techniques, flood rescue techniques and swiftwater rescue techniques.

Prerequisites

- Current Swiftwater and Flood Rescue Technician Instructor (SRTI) or Swiftwater and Flood Rescue Advanced Instructor (SRTAI)
- Logged experience of power boat handling (1 year)
- Swiftwater and Flood Rescue Boat Operator (SFRBO)
- EMT or Wilderness First Responder (WFR)

Instructor training & assessment

- Observe, assist & be assessed by SFRBOI-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Flood Rescue Boat Operator (FRBO)
- Swiftwater Rescue Boat Operator (SRBO)
- Swiftwater and Flood Rescue Boat Operator (SFRBO)

Swiftwater and Flood Rescue Technician Instructor (SRTI)

The Swiftwater and Flood Rescue Technician Instructor (SRTI) pathway is designed for teaching personnel with a swiftwater and flood capability up to Technician level.

Prerequisites

- Swiftwater and Flood Rescue Technician (SRT) (24 hours) at least twice
- Swiftwater & Flood Rescue Technician Advanced (SRTA) (24 hours)
- EMT or Wilderness First Responder (WFR)

Instructor training & assessment

- Swiftwater and Flood Rescue Technician Instructor course (24 hours)

Qualification valid for

2 years

Able to teach

- Water and Flood Awareness (AWR)
- Basic Water First Responder (BWFR)
- Operations: Swiftwater and Flood First Responder (OPS)
- Swiftwater and Flood Rescue Technician (SRT)
- Lifejacket Competent User (LJCU)
- Safe Work Near Water (SWNW)
- Co-Worker Rescue from Water - Basic (CWRWB)
- Co-Worker Rescue from Water - Basic and Moving (CWRWBM)
- Flood Worker Safety (FWS)
- Flood Operations (FO)
- Rope Rescue Specialist (RRS)

Swiftwater and Flood Rescue Advanced Instructor (SRTAI)

The Swiftwater and Flood Rescue Advanced Instructor pathway is designed for teaching personnel with a swiftwater and rope capability up to Technician level.

Prerequisites

- Swiftwater and Flood Rescue Technician (SRT) (24 hours) at least twice
- Rope Rescue Operator (RRO) (30 hours) at least twice
- Swiftwater & Flood Rescue Technician Advanced (SRTA) (24 hours) at least twice
- EMT or Wilderness First Responder (WFR)

Instructor training & assessment

- Professional Qualification Assessment: Water & Rope (PQWR)
- Swiftwater and Flood Rescue Specialist Instructor (SFRSI) course (24 hours)

Qualification valid for

2 years

Able to teach

- Water and Flood Awareness (AWR)
- Basic Water First Responder (BWFR)
- Operations: Swiftwater and Flood First Responder (OPS)
- Swiftwater and Flood Rescue Technician (SRT)
- Swiftwater & Flood Rescue Technician Advanced (SRTA)
- Professional Qualification Assessment: Water (PQW)
- Professional Qualification Assessment: Water & Rope (PQWR)
- Lifejacket Competent User (LJCU)
- Safe Work Near Water (SWNW)
- Co-Worker Rescue from Water - Basic (CWRWB)
- Co-Worker Rescue from Water - Basic and Moving (CWRWBM)
- Flood Worker Safety (FWS)
- Flood Operations (FO)
- Rope Rescue Specialist (RRS)

Swiftwater Paddle Boat Handling Instructor (SPBHI)

The Swiftwater Paddle Boat Handling Instructor pathway is designed for existing water Instructors with the necessary paddle boat handling experience to deliver the SPBH course.

Prerequisites

- Current Whitewater Rescue for Paddlers (WRP), Whitewater Rescue Technician (WRT), Swiftwater and Flood Rescue Technician Instructor (SRTI) or Swiftwater and Flood Rescue Advanced Instructor (SRTAI)
- Logged experience of paddle boat handling
- Swiftwater Paddle Boat Handling (SPBH)
- EMT or Wilderness First Responder (WFR)

Instructor training & assessment

- Observe, assist & be assessed by SPBH-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Swiftwater Paddle Boat Handling (SPBH)

Swiftwater Recovery Specialist Instructor (SRSI)

The Swiftwater Recovery Specialist Instructor pathway is designed for existing SRTI, SRTAI, or SRT-ITs to be able to deliver SRS courses.

Prerequisites

- Current Swiftwater and Flood Rescue Technician Instructor (SRTI) or Swiftwater and Flood Rescue Advanced Instructor (SRTAI)
- Swiftwater Recovery Specialist (SRS)
- EMT or Wilderness First Responder (WFR)

Instructor training & assessment

- Observe, assist & be assessed by SRS-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Body Recovery from Water (BRW)
- Swiftwater Recovery Specialist (SRS)

Technical Animal Rescue from Swiftwater Instructor (TARI)

The Technical Animal Rescue from Swiftwater Instructor pathway is designed for existing SRTI, SRTAI, or SRT-ITs to be able to deliver TAR courses.

Prerequisites

- Current Swiftwater and Flood Rescue Technician Instructor (SRTI) or Swiftwater and Flood Rescue Advanced Instructor (SRTAI)
- Technical Animal Rescue in Swiftwater (TAR)
- EMT or Wilderness First Responder (WFR)

Instructor training & assessment

- Observe, assist & be assessed by TAR-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Technical Animal Rescue in Swiftwater (TAR)

Tower Rescue Instructor (TWRI)

The Tower Rescue Instructor course enables Instructors to teach workers and rescuers operating in and on towers.

Prerequisites

- Current Rope Rescue Technician (RRT)
- Current Tower Safety, Climbing, & Rescue (TWR)
- EMT, Wilderness First Responder (WFR), or equivalent workplace emergency medical certification

Instructor training & assessment

- Observe, assist & be assessed by TWR-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Tower Safety, Climbing, & Rescue (TWR)

Water and Flood Awareness Tutor (AWRT)

The Water and Flood Awareness Tutor pathway enables the candidate to deliver the classroom-based Water and Flood Awareness course.

Prerequisites

- Operations: Swiftwater and Flood First Responder (OPS) or higher
- Current CPR Certification

Instructor training and assessment

- Water and Flood Awareness Tutor course (8 hours)

Qualification valid for

2 years

Able to teach

- Water and Flood Awareness (AWR)
- Safe Work Near Water (SWNW)

Whitewater Rescue for Paddlers Instructor (WRPI)

The Whitewater Rescue for Paddlers Instructor (WRPI) pathway is designed for river professionals and outdoor instructors. It is designed for teaching whitewater rescue techniques. Those needing to teach a flood rescue capability should take the Swiftwater and Flood Rescue Technician Instructor course.

Prerequisites

- Whitewater Rescue for Paddlers (WRP)
- Whitewater Rescue Technician (WRT)
- Documented experience working in a Class III or above river environment.
- EMT or Wilderness First Responder (WFR)

Qualification valid for

2 years

Able to teach

- Recreational River Safety (RRS)
- Whitewater Rescue for Paddlers (WRP)

Whitewater Rescue Technician Instructor (WRTI)

The Whitewater Rescue Technician Instructor pathway is designed for instructors who have an extensive background in the recreational whitewater industry who wish to teach professional river guides.

Prerequisites

- Whitewater Rescue for Paddlers (WRP)
- Whitewater Rescue Technician (WRT)
- Documented experience working in a Class III or above river environment.
- EMT or Wilderness First Responder (WFR)

Qualification valid for

2 years

Able to teach

- Recreational River Safety (RRS)
- Whitewater Rescue for Paddlers (WRP)
- Whitewater Rescue Technician (WRT)

Wind Turbine Operator Instructor (WTOI)

The Wind Turbine Operator Instructor course enables Instructors to teach workers operating in and on wind turbines.

Prerequisites

- Current Rope Rescue Technician (RRT)
- Current Wind Turbine Operator (WTO)
- EMT, Wilderness First Responder (WFR), or equivalent workplace emergency medical certification

Instructor training & assessment

- Observe, assist & be assessed by WTO-IT and/or as agreed upon with Rescue 3's International Office

Qualification valid for

2 years

Able to teach

- Wind Turbine Access for Emergency Responders (WTAFER)
- Wind Turbine Operator (WTO)