

## 2018 Technical Rescue Academy



The North Area Technical Rescue Team will be hosting a Heavy Rescue Academy in the spring of 2018. The ten day heavy rescue academy is scheduled from April 30 to May 11 (Monday-Friday). The cost for non-NATRT members is \$1000. *(Priority registration will be provided to agencies that participate on the NCR/UASI EFS9 committee.)*

The academy will be taught in accordance with NFPA 1006 and will cover the four main disciplines practiced by the North Area Tech Rescue Team: ropes (3 days), confined space, (2 days) trench rescue (2 days) and structural collapse (2 days). The final day of the academy will consist of several complex scenarios that will challenge students to use their new skills in a simulated real world environment.

[Additional Information](#)[Registration Form](#)

Contact Chief Hobbs at [NATRT@hotmail.com](mailto:NATRT@hotmail.com) for more information.



# NATRT Heavy Rescue Academy

Welcome to the 2018 North Area Technical Rescue Team Heavy Rescue Academy. This email will provide students and department representatives with an overview of the upcoming academy. Please take the time to read through all the information.

## Course Overview:

This ten day academy introduces students to technical search and rescue in the disciplines of rope rescue, confined space, trench and structural collapse rescue. Students will receive instruction through classroom lectures, hands-on tool labs/ skill stations, and real-time rescue scenarios. Our goal is to provide students with the pre-requisite skills and knowledge required to safely assist with NATRT operations.

## Personal Protective Equipment:

PPE is the responsibility of each student. Students who do not comply with these important safety standards will not be allowed to participate.

- 1) Eye protection- safety goggles or glasses. For safety reasons, clear lenses must be worn indoors and in low light. All sunglasses must be safety rated.
- 2) Gloves- durable leather is preferred. Rope gloves can be used during rope operations. Please no "extrication gloves" for use with ropes as the textured palms can damage ropes.
- 3) Footwear, sturdy, adequate for climate preferably steel toe. Lighter shoes and boots can be worn for rope rescue.
- 4) Hearing protection- ear plugs are preferred.
- 5) Helmet - USAR or a type of Tech Rescue Helmet. A rope rescue certified helmet is the minimum standard.
- 6) Pants and Shirts- 100% cotton or fire resistant BDU's or coveralls are recommended. Heavy duty pants or jeans at a minimum. Students must have long-sleeved shirts for certain training sessions.
- 7) Respiratory protection- an air-purifying respirator is recommended but a N95 rated mask can be used.
- 8) Elbow and Knee pads are recommended for certain evolutions.
- 9) Tools- Tool belt, hammer, framing square, tape measure, carpenters pencil are recommended. We will have some additional tool sets available on site.
- 10) Scott SCBA mask- There will be some masks available; however, we encourage students to wear their own masks when possible. This ensures that the mask has been fit tested for the individual.

### Lunches/Snacks:

We will provide water and sports drinks each day- and coffee/snacks during lectures. Students will need to provide their own snacks and bag lunches each day of the academy. Students will be required to remain at the training site during lunch, as there will not be enough time provided for individuals to leave.

### Weather:

May in Colorado can provide a variety of weather. Plan to train during times of inclement weather. If a day must be cancelled (due to extreme circumstances), we will make up that material on Friday May 11<sup>th</sup>. We will either adjust or cancel the final scenarios in order to accommodate any training that is cancelled.

### Safety:

The safety of our students is our #1 priority. The material that we are covering is highly technical in nature. There will be a safety briefing the first day of the course as well as before each training session. Please report any unsafe act immediately to an instructor or safety officer.

### Schedule:

There are four disciplines that will be covered in the academy- rope rescue, confined space, trench rescue and structural collapse. Each discipline will consist of a lecture (the first morning of each discipline) followed by hands-on instruction. The training will be held on site at the North Metro Fire Training Center. We will be working a live trench off site on May 8<sup>th</sup>. We reserve the right to hold other training sessions off-site if it will add to the value of the course.

Rope Rescue— April 30, May 1, 2

Confined Space – May 3, 4

Trench Rescue— May 7, 8\*

Structural Collapse— May 9, 10

Final Disaster Scenario— May 11

Course attendance is mandatory for the entire ten days. Students that miss a lecture or training session will not receive a certificate of completion. Training sessions will begin at 0800 hours and end at 1700 hours (including clean-up). Please be at the appropriate training site ready to work each day.

### Course Materials:

The 2018 NATRT Heavy Rescue student manual will be provided to all students.

The following additional reference manual is required:

- IFSTA Fire Service Technical Search and Rescue, 8<sup>th</sup> Edition

*Students will have required reading from this manual. There will also be a short, written examination at the completion of the course with questions referenced from this textbook.*

The following additional reference manuals are highly recommended:

- Technical Rescue Field Operations Guide, 5th Edition (Desert Rescue Research)
- Urban Search & Rescue Field Operations Guide (FOG) 8th Edition

*There will be copies of these manuals available for use during the academy; however, we recommend students have a personal copy to reference after the academy.*

North Metro Fire Training Complex:

North Metro Fire has been generous enough to host our academy- please clean up after yourselves. We would like to leave the facility in better shape than when we found it. Students will be required to fill out waivers the first day of class. A representative from North Metro Fire Rescue will provide instruction on the rules and safety issues specific to their facility. Students must receive the safety briefing and sign the appropriate forms before they will be allowed to participate in any training activities.

Final Scenarios:

Our academy provides an overview of standards and a hands-on approach with a heavy focus on fundamental skills. This year we will challenge our students with some real-time rescue scenarios. We plan to run several scenarios throughout the day, and we are inviting team leaders, training staff and chiefs from each department to come watch our final exercise. The final exercise is planned for the afternoon of May 11<sup>th</sup> beginning at 1330 hours. We will send out official invitations at a later date, but please mark this event on your department calendars.

Conclusion:

We look forward to having another successful academy with a great group of students and instructors. If you have questions or comments- please feel free to contact the NATRT Academy Coordinator.

Regards,  
Gary Hobbs  
Thornton Fire Department, Assistant Chief  
North Area Technical Rescue Team, Operations Chief  
303-549-2032  
[NATRT@hotmail.com](mailto:NATRT@hotmail.com)  
[www.NATRT.com](http://www.NATRT.com)