

HYBRID- FIRE ACADEMY

PUBLIC SAFETY PROFESSIONS



OFFICE LOCATION: Workforce & Emerging Technology Bld., Floor 3, Rm. 316

OFFICE PHONE: 817-598-6347

OFFICE EMAIL: wcpinfo@wc.edu

OFFICE ADDRESS:

225 College Park Drive
Attn: Public Safety Professions
Weatherford, Tx 76086

All correspondence with our office must include:

- Student name
- Student ID (SID)
- Program name

NOTE: Only COMPLETE PACKETS will be considered for program.

Regional Fire Academy:

Individuals who desire a career as a firefighter must complete the Fire Academy and EMT in order to be certified by the State of Texas. At Weatherford College you choose which program (Fire Academy or EMT) you want to complete first. The hybrid Fire Academy has a 12 week in person / online academic portion, meeting each Tuesday, Wednesday and Thursday in person format. On-line requirements must be met.

IMPORTANT DATES

Deadline: January 06, 2025

Orientation: January 11, 2025

Start: January 13, 2025

CHECK OUT OUR Facebook pages



Weatherford College Law Enforcement Academy

Weatherford College Regional Fire Academy

Weatherford College EMS Academy

Important Announcement

An EMT certificate is required for Texas Fire Fighters. The Weatherford College EMT program follows the Metroplex area clinical site guidelines. Therefore, COVID-19 vaccination is highly recommended. Clinical sites retain the authority to enforce COVID-19 vaccination mandates.

This means that the COVID-19 vaccination may be required for the EMT program if the mandates are changed.



Office of Disabilities and Accommodations

Students or prospective students with disabilities can contact the Office of Disabilities and Accommodations. The Office of D/A exists to assist students with documented disabilities as they pursue their goal of a college education. The office serves as a liaison between students and the college in matters of communication and action toward achievement of reasonable accommodations. Each student is encouraged to act as his or her own advocate, and take the major responsibility for securing accommodations. The Office of D/A provides students with the voluntary and confidential means to seek accommodations for academic and related needs. Early and regular contact will assure the timely identification of needed services and the location of resources and options available to the student.

Eligibility for disability services at Weatherford College is dependent upon the nature of the disability and its impact on learning. A disability is defined as any mental or physical condition that substantially limits an individual's ability to perform one or more major life activities. These disabilities may be: physical, visual or auditory, neurological or psychological in nature, and also include chronic health problems and learning and communication disorders.

The Office of D/A is located in Office Number 118 in the Student Services Building, upper floor. *Physical Address:* Weatherford College 225 College Park Drive Weatherford, TX.. Due to the high volume of students who receive services through this office it is highly recommended that students make appointments with the counselor in the Office of Disabilities and Accommodations located in Students Services or call 817-598-6350.

| Fire Academy TUITION | | | | | |
|--|-----------------------------|-------------|---|-----------------------|--|
| | | In-Dist. | Out of dist. | out of dist. Wise co. | |
| Tuition per credit hour | | \$ 125.00 | \$ 220.00 | \$ 162.00 | |
| Fire Academy - credit hours | 23 | \$ 2,875.00 | \$ 5,060.00 | \$ 3,726.00 | |
| | | | | | |
| Tuition 2024-2025 (In-District) | | \$ 2,875.00 | | | |
| Institutional Enrichment fee | | \$ 575.00 | | | |
| | Lab Fee | \$ 168.00 | | | |
| | Course Fee | \$ 557.00 | TCFP Testing fees \$180.00; Training Facility Lease \$100.00; Course materials provisions \$277.00 (access to textbooks, online course materials and student workbooks) | | |
| | Course Supplies | \$ 650.00 | Bunker Gear Rental | | |
| | Technology Fees | \$ 345.00 | | | |
| | TOTAL - In District | \$ 5,170.00 | | | |
| ADDITIONAL COSTS (Estimated) | Castle Branch Access code 1 | \$ 42.00 | | | |
| | Castle Branch Access code 2 | \$ 82.00 | | | |
| | Meningitis | \$ 100.00 | | | |
| | Flu | \$ 50.00 | | | |
| | Tetanus | \$ 50.00 | | | |
| | Dr. physical | \$ 50.00 | | | |
| | TSI | \$ 25.00 | | | |
| | TOTAL - In District | \$ 5,569.00 | | | |

SIMPLIFY TUITION PAYMENTS:

- Self-service access on PC or mobile device
- One-time, flat set-up fee
- Interest-free payments, with real-time payment posting
- Multiple Payment Methods
- Dedicated phone support for authorized users
- Automated payment reminders and confirmations

How to Enroll in a Payment Plan Student Instructions:

1. Go to Weatherford College website and log into Coyote Connect and click on the Student Finance tab.
2. From the Account Summary screen, Click on Payment/Refund Options.
3. Click on Continue to Payment Center.
4. From the Student Account screen, click on Enroll in Payment Plans.

Payment Plans Support
833-269-3675

For more detailed instructions and links scan this QR code with your smart phone:





Weatherford College – Fire Academy
Instructions for Order Placement

Welcome to myCB!

When you place your initial order, you will be prompted to create your secure myCB account. From within your myCB, you will be able to:

- ✓ View your order results
- ✓ Upload and store important documents and records
- ✓ Manage requirements specific to your programs
- ✓ Place additional orders as needed.
- ✓ Complete tasks as directed to meet deadlines

To place an order, go to mycb.castlebranch.com

A screenshot of the myCB login interface. It features a 'Username' field, a 'Password' field with a 'show' button, a 'Target Password?' field, a 'Place Order' button, and a 'Package Code' field with a 'show' button.

In the "Place Order" field, enter the following package code specific to your organization:

WV20im : Compliance Tracker

During order placement you will be asked for personal identifying information needed for security or compliance purposes. Supplying accurate and comprehensive information is important to the speed in which your order is completed.

The email address you use when placing your order will become your username for your myCB and will be the primary form of communication for alerts and messages. Payment methods include: MasterCard, Visa, debit card, electronic check, money order, and installment payment.

TO-DO LISTS

You can respond to any active alerts or To-Do List items now, or return later by logging into your myCB. You will receive alerts if information is needed to process your order. Access your myCB anytime to view order status and completed results. Authorized users at your organization will have access to view your compliance status from a separate CastleBranch portal.

Your myCB Service Desk is available to assist you via phone, chat and email
Monday-Thursday 8:00 am-8:00 pm & Friday 8:00 a.m. - 6:30 p.m. & Sunday 10am- 6:30pm EST
888-723-4263 or servicedesk.cu@castlebranch.com

Required Textbooks

The cost of Textbooks is included in tuition. You *DO NOT* need purchase textbooks. You will be issued textbooks in class.

Uniform requirements for skills training

Your uniforms can be purchased from:

North Texas Uniforms

151 College Park Drive

Weatherford TX 76086, 817-599-7160

Uniform Requirements:

- Full uniform must be worn each day Fire Academy
- Short sleeve button down uniform shirt with patches
- Uniform pants- navy blue
- Black belt with silver buckle
- Silver name tag- Burton Trophy, 169 W. Main St. Azle TX 817-444-1606
- PT shorts and t-shirt
- Black boots (No cowboy boots); must be polish-able
- If physical fitness shoes are worn, they must be worn with black socks
- Boots must be solid black with no obvious logos or designs



Additional Items

Can be purchased if desired: Boots (required), coats, hats etc. are purchased at the student's expense and are not provided by Weatherford College

Dress Code and appearance

Male Hairstyle and Grooming Standards:

- Shall maintain a hairstyle that is neat, clean, trimmed and presents a groomed appearance.
- Are prohibited from using colors that detract from a professional appearance. If members use dyes, tints, or bleaches, they must choose a natural hair color.
- Are prohibited from hairstyles that prevent the proper and snug wearing of authorized headgear or that pose a health or safety hazard.
- Shall not have a hair style that extends below the bottom of the collar.
- Sideburns shall be neatly trimmed and not extend below the bottom of the ear lobe or exceed one inch in width.
- May have mustaches, but they shall not extend more than one quarter inch beyond the corner of the mouth.
- Shall be clean shaved and are not permitted to have beards, goatees or facial hair other than a mustache within standards.
- Shall not wear jewelry or personal ornaments that are visible except a wristwatch, 1 rings that are consistent with safety, and a conservative tie bar.
- Shall keep fingernails clean and neatly trimmed so as not to extend beyond the fingertip.

Female Hairstyle and Grooming Standards:

- Shall maintain a hairstyle that is neat, clean, trimmed and presents a groomed appearance.
- Are prohibited from using colors that detract from a professional appearance. If members use dyes, tints, or bleaches, they must choose a natural hair color.

- Are prohibited from hairstyles that prevent the proper and snug wearing of authorized headgear or that pose a health or safety hazard.
- Shall not have a hair style that extends below the bottom of the collar.
- Shall not wear decoration in the hair. Hair clips or pins that match the color of hair are authorized.
- Shall not wear jewelry or personal ornaments that are visible except a wristwatch, 1 rings that are consistent with safety, a conservative tie bar, and earrings as outlined below.
- May wear one ear post in each ear. Ear posts must lie flush with the ear, be plain metal color and the face shall not have a diameter of more than three-eighths inch. Additionally, nothing shall hang from the post.
- Fingernails shall not exceed one-quarter inch as measured from the tip of the finger.
- Females shall maintain nails that are professional in appearance, do not present a safety concern or interfere with the performance of their duties.
- Females may wear clear acrylic nails, provided they have a natural appearance and conform to these standards. Natural colored nail polish is allowed.

Example of female hairstyle:



Example of male hairstyle





Weatherford College - Public Safety Professions
**PAPERWORK CHECK LIST FOR
 FIRE ACADEMY**

All paperwork must be submitted with this checklist to our office in person or mail. Please note: No other offices on campus will process your paperwork. We do not accept applications via email.

INCOMPLETE PAPERWORK will NOT be considered for program.

OFFICE LOCATION: Workforce & Emerging Technology Bld., Floor 3, Rm. 316

OFFICE PHONE: 817-598-6347

OFFICE EMAIL: wcpinfo@wc.edu (in the subject line include program name)

OFFICE ADDRESS: 225 College Park Drive,
 Attn: Public Safety Professions
 Weatherford, Tx 76086

All correspondence with our office must include:

- Student name
- Student ID (SID)
- Program name

Please **type** or **print**.

Semester: _____ **FALL** _____ **SPRING** Year: _____

| | | | |
|-------------------------------|-------------------------------|---|-----------------------------|
| WC Student ID: _____ | | Date of birth: _____/_____/_____ | |
| NAME: _____ | | | |
| Last | First | Middle | Other (e.g.Maiden) |
| Gender: _____ | Race: African American | Caucasian | Asian Hispanic Other: _____ |
| Ethnicity: _____ | | | |
| Mailing address: _____ | | | |
| Street | City | State | Zip |
| Apt. # | County | | |
| Email: _____ | | Phone: _____ | |

REQUIRED PAPERWORK

(All paperwork must be submitted at one time with checklist)

| INITIAL | PAPERWORK |
|---------|--|
| | Cadet file waiver (notarized) |
| | TSI scores – not required if you have a degree |
| | High school/college transcript |
| | Color copy – Driver’s license |
| | Background check |

| | |
|--|---|
| | Drug Screen |
| | Gear measurement sheet |
| | Doctor’s Physical |
| | Diphtheria/Tetanus <i>(DTap, Tdap, DT and TD) expires every 10 years</i> |
| | Meningitis (21 over not required) |
| | Flu (must be current) |

RENTAL AGREEMENT (Sizing information page)

Student/Customer Name _____

Academy Attending _____

Height _____ **Weight** _____

Coat:

Chest/Bust _____ * (Chest measurement + 4" or coat chest size +4")

Arm Length (optional) _____

Pants:

Waist _____ *(Waist measurement + 4" or jean waist size + 4")

Inseam _____

Boots (If rented): _____

Gloves (If rented) : _____

Special Note: _____

***We ship the size you submit.**

You must add the 4 inches to your chest and waist ONLY.

Physical Exam

Weatherford College Fire Academy program requires a physical examination by a licensed physician/health care provider before a student is allowed to register for this program.

Student's Name

| | | | | |
|------|-----|-------|-----|-------------------|
| Last | M/I | First | Sex | DOB: (DD/MM/YYYY) |
|------|-----|-------|-----|-------------------|

Please complete all blanks

Legend: N = normal X = abnormal NE = Not Examined

| | | | | |
|--------|--------|-------|--------------|-----------------------|
| Weight | Height | Pulse | Respirations | Blood Pressure S D |
|--------|--------|-------|--------------|-----------------------|

| | | | | | | | |
|--------------------|------|-------|-----------------|-------|-------|--------|--------|
| General Body Build | | Skin | Abnormal Masses | Eyes | Ears | Nose | Throat |
| Teeth | Neck | Lungs | Cardiac | Chest | Liver | Spleen | Spine |

Joint Function

| | | | | | | | | |
|------|-----------|--------|--------|-------|-----------|-------|--------|------|
| Neck | Shoulders | Elbows | Wrists | Hands | Hips/Back | Knees | Ankles | Feet |
|------|-----------|--------|--------|-------|-----------|-------|--------|------|

Please describe Abnormal Findings

Medical History (Please check all that apply)

Diseases:

| | | | |
|---|--|---------------------------------------|--|
| <input type="checkbox"/> Asthma | <input type="checkbox"/> Heart Disease | <input type="checkbox"/> Tuberculosis | <input type="checkbox"/> Measles |
| <input type="checkbox"/> Diabetes | <input type="checkbox"/> Seizures | <input type="checkbox"/> Emphysema | <input type="checkbox"/> Hypoglycemic |
| <input type="checkbox"/> Hepatitis | <input type="checkbox"/> Rheumatism | <input type="checkbox"/> Small Pox | <input type="checkbox"/> Tuberculosis |
| <input type="checkbox"/> Diphtheria | <input type="checkbox"/> Influenza | <input type="checkbox"/> Pneumonia | <input type="checkbox"/> Infantile Paralysis |
| <input type="checkbox"/> Osteoarthritis | <input type="checkbox"/> Mumps | | |

Other (Please describe)

Surgery: Shoulder Arm Back Knee Ankle

Other (Please describe)

List Current Medications

| |
|----|
| 1. |
| 2. |
| 3. |
| 4. |

Allergies (meds / Food)

| |
|----|
| 1. |
| 2. |
| 3. |
| 4. |

Immunizations (Please provide most recent date)

| | | |
|---------|------------|----------|
| Tetanus | Meningitis | Flu Shot |
|---------|------------|----------|

Student's Name

| | | | | |
|------|-----|-------|-----|-------------------|
| Last | M/I | First | Sex | DOB: (DD/MM/YYYY) |
|------|-----|-------|-----|-------------------|

NFPA 1582 Essential Job Tasks and Descriptions.

The physician shall consider the physical, physiological, intellectual, and psychological demands of the occupation when evaluating the candidate's or member's ability to perform the essential job tasks.

Medical requirements for candidates shall be correlated with the essential job tasks as determined below.

The fire academy shall provide the physician with the list of essential job tasks to be used in the medical evaluation of candidates.

(1) While wearing personal protective ensembles and self-contained breathing apparatus (SCBA), performing firefighting tasks (e.g., hoseline operations, extensive crawling, lifting and carrying heavy objects, ventilating roofs or walls using power or hand tools, forcible entry), rescue operations, and other emergency response actions under stressful conditions including working in extremely hot or cold environments for prolonged time periods

(2) Wearing an SCBA, which includes a demand valve-type positive-pressure face piece or HEPA filter masks, which requires the ability to tolerate increased respiratory workloads

(3) Exposure to toxic fumes, irritants, particulates, biological (infectious) and nonbiological hazards, and/or heated gases, despite the use of personal protective ensembles and SCBA

(4) Depending on the local jurisdiction, climbing six or more flights of stairs while wearing a fire protective ensemble, including SCBA, weighing at least 50 lb (22.6 kg) or more and carrying equipment/tools weighing an additional 20 to 40 lb (9 to 18 kg)

(5) Wearing a fire protective ensemble, including SCBA, that is encapsulating and insulated, which will result in significant fluid loss that frequently progresses to clinical dehydration and can elevate core temperature to levels exceeding 102.2°F (39°C)

(6) While wearing personal protective ensembles and SCBA, searching, finding, and rescue-dragging or carrying victims ranging from newborns to adults weighing over 200 lb (90 kg) to safety despite hazardous conditions and low visibility

(7) While wearing personal protective ensembles and SCBA, advancing water-filled hoselines up to 2 1/2 in. (65 mm) in diameter from fire apparatus to occupancy [approximately 150 ft (50 m)], which can involve negotiating multiple flights of stairs, ladders, and other obstacles

(8) While wearing personal protective ensembles and SCBA, climbing ladders, operating from heights, walking or crawling in the dark along narrow and uneven surfaces that might be wet or icy, and operating in proximity to electrical power lines or other hazards

(9) Unpredictable emergency requirements for prolonged periods of extreme physical exertion without benefit of warm-up, scheduled rest periods, meals, access to medication(s), or hydration

(10) Operating fire apparatus or other vehicles in an emergency mode with emergency lights and sirens

(11) Critical, time-sensitive, complex problem solving during physical exertion in stressful, hazardous environments, including hot, dark, tightly enclosed spaces, that is further aggravated by fatigue, flashing lights, sirens, and other distractions

(12) Ability to communicate (give and comprehend verbal orders) while wearing personal protective ensembles and SCBA under conditions of high background noise, poor visibility, and drenching from hoselines and/or fixed protection systems (sprinklers)

(13) Functioning as an integral component of a team, where sudden incapacitation of a member can result in mission failure or in risk of injury or death to civilians or other team members

I certify that I have examined this individual and he/she is physically able to enter Fire Academy training activities.

Yes

No (if no, please explain)

| | |
|---------------------|---------------------------------|
| Date of Examination | Printed/Typed Name of Physician |
| Physicians Address | Signature of Physician |



PUBLIC SAFETY PROFESSIONS

225 College Park Drive
Weatherford, Texas 76086
Fax 817-599-6507

Law Enforcement Academy - Fire Academy - Paramedic - EMT

CADET FILE WAIVER

I _____
Print Name

represent and warrant the answers I have made to each and all of the foregoing questions are full and true to the best of my knowledge and belief. In order that the officials of the Weatherford College Public Safety Professions programs (LEA, EMT, Paramedic & Fire Academy) may be fully informed as to my personal character and qualifications for enrollment in the academy, I refer them to each of my former employers and to any other person who may have information concerning me. As this information is furnished at my express request and for my benefit, I do hereby release them from any and all liability for damage of whatsoever nature an account of furnishing such information. I acknowledge that any false statements, omissions or misrepresentations knowingly made in answering the above questions is good cause for removal from consideration for the Academy or discharge during it.

Signature of applicant

_____/_____/_____
Date

Sworn to and subscribed before me, this the _____ day of _____, _____

Notary public in and for, State of _____

My commission expires _____/_____/_____

Printed Name of Notary

Notary seal or stamp

Signature of Notary

*Weatherford College Is An Equal Opportunity College
Weatherford College does not discriminate on the basis of sex, race, color, national origin, religion, disability or age in educational programs, activities, admission or employment practices.*

(800) 287-5471 Extension 347

Fax: (817) 599-6507

Weatherford College Fire Academy

Physical Fitness Pre Academy Plan

The following information will help you get an idea of what is expected physically for the Weatherford College Fire Academy. The Academy prides itself on being very physically and mentally challenging so that you are prepared to serve. This is done by teaching you to perform physically demanding, time-critical skills in stressful environments.

The recruit physical training program was written to introduce, train and prepare new Oklahoma City Firefighters to be able to perform their job functions at a high level and to create routines and awareness to continue a healthy fitness and lifestyle journey throughout their career.

The physical training program is based off research that shows the need for high levels of aerobic fitness, muscular endurance, and muscular strength to perform firefighting job tasks safely and effectively. The Academy physical training program works in conjunction with the safety standard operating procedures and uses constantly varied, functional movements, performed at high intensity to improve cardiovascular and respiratory endurance, stamina, strength, flexibility, power, speed, and coordination. This is to train and prepare firefighters to be able to perform job functions safely and successfully at high levels.

During the academy, you will be expected to be able to run 1.5 miles under 15min, perform a minimum of 35 bent-knee sit-ups under 2 min, a minimum of 25 push-ups and a minimum of 3 strict pull-ups (palms away). This is the absolute bare minimum for physical fitness in the recruit academy and it is one small step above inadequate. We understand that some of you do not have a fitness or sports background. Regardless, you have decided to enter a career that will demand a very high level of physical fitness. Hard work and dedication in getting physically fit prior to entry to the academy will be necessary and it is completely up to you.

The following pages titled “Theoretical Hierarchy of Fitness” is a **2-month** preparation and fitness plan that includes basic information on nutrition, hydration, mobility, stability, strength, conditioning, rest, and recovery. If followed, this plan can help you build the strength and endurance needed for the beginning of the Recruit Academy. This is just one plan that may be used. There are many fitness plans that can prepare you for the Recruit Academy. With this said, be ready to perform. Do not take this opportunity for granted.

Please Note: There is inherent risk in any physical activity.

Before beginning any new fitness program, it's important to consult with a healthcare professional, particularly if you have any pre-existing medical conditions or concerns. The information provided in this program is intended for general educational purposes only and should not be considered a substitute for professional medical advice, diagnosis, or treatment.

By participating in this fitness program, you acknowledge that you are doing so voluntarily and at your own risk. Always listen to your body and modify exercises as needed to suit your individual fitness level and capabilities. Stop any exercise that causes discomfort, pain, or dizziness, and seek medical attention if necessary.

The creators of this fitness program are not liable for any injuries or damages that may result from following the exercises or recommendations provided. Remember to stay hydrated, warm up properly before exercising, and cool down afterward.

By proceeding with this fitness program, you accept full responsibility for your own health and well-being.

Theoretical Hierarchy of Fitness

The Theoretical Hierarchy of Fitness includes the following factors:

Nutrition & Hydration. The most essential piece that a firefighter needs to perform their best is an adequate diet and proper hydration. Proper nutrition and adequate hydration will increase firefighters' performance levels.

Mobility & Stability. The ability to maximize range of motion at a given joint while maintaining active muscular control on a joint to redirect force and control movement in the presence of normal muscle flexibility and joint mobility. Considering the kinetic chain, if the body is not able to make a movement, it will compensate with a poor movement elsewhere. This can cause undesired negative issues in the body.

Strength & Conditioning. The ability to use muscles or groups of muscles to apply force and the body's ability to process, deliver, store, and utilize energy and deliver oxygen. This includes core strengthening, resistance training, cardio conditioning, all coupled with functional movements.

Rest & Recovery (Regeneration). A candidate will be physically, mentally, and emotionally exhausted during the Training Academy. Each candidate will need to efficiently use their rest time to recover from the cumulative physical demands of the Training Academy to perform at their best and prevent injury.

Fit. The level that all candidates should aspire to reach. A proper program should be followed to monitor and track personal progress and results.

Using the Fitness Manual

Each day should begin with foam roll stretches and dynamic warm up prior to strength training and conditioning. The guideline is to perform strength training prior to conditioning. Prior to

each strength movement, warm-up to the appropriate weight for your ability. Warm-up repetitions do not count towards your total workload.

Be sure to record the amount of weight used, repetitions, and sets/rounds completed, as well as modifications to any exercise. Passive stretching shall be incorporated in the cool down portion after the conditioning workout.

Phases:

There will be 2 phases of this fitness manual. Each phase will consist of four weeks. The exercises shall be progressive. Each week will encompass 4-5 days of workouts. If you receive notice of hire with less than 8 weeks before your start date, just progress through as far as you are able in the given time. If your fitness level is higher than the program provided feel free to continue utilizing your own program.

Before each workout, the participant will be expected to:

1. Hydrate, nourish properly
2. Perform the Foam Roll Sequence
3. Perform a 10-minute Dynamic Warm-up

After each workout, the participant will be expected to:

1. Hydrate, nourish properly
2. Perform Static Stretching at 30 seconds each body part

Rest day: Depending on how your body adjusts to each workout, you have the option to rest and recover. Remember, that everyone has their own limits and boundaries. Rest and recovery are important to keep the body balanced, allow for recovery, and to decrease the potential for overtraining.

Mobility/Stability:

Foam Roll

The foam roll will be used to assist with muscle regeneration and recovery. The more sensitive a certain area is, the more the muscles may require attention. Foam rolling breaks up adhesions and scar tissue formed within the body. It increases circulation to the muscles, which increase the recovery rate. The Training Academy will incorporate foam rolling within the workout program. It can be used during warm-up and it can be used post-workout to assist with recovery. The foam roll series should also be used on days off when you are not planning to workout.

NOTE: If you do not have access to a foam roll, to achieve the same effect, some examples of substitutes are a PVC pipe, a tennis ball, softball, or a lacrosse ball. If you have any further questions, feel free to ask for more alternatives.

Coaching Tips: Breathe slow and controlled. Hold at sensitive areas when necessary.

Calves



Start Position: Sit with foam roll under the back of the calf with opposite leg placed on top. Place hands on the ground behind the body for support. Procedure: Using the hands for support, roll the calves over the foam roll. Move foam roll up and down the entire length of the back of each calf.

*May begin with both calves on foam roll at the same time.

Hamstring



Start Position: Sit with foam roll under the back of the hamstring. Place hands on the ground behind the body for support.

Procedure: Using the hands for support, roll each hamstring over the foam roll. Move foam roll up and down the entire length of the back of both hamstrings.

Gluteus Maximus/Piriformis



Start Position: Sit on the foam roll with hands on ground for support, knees bent, and feet flat on the floor (ie: Place outside of right ankle to the top of the left knee)

Procedure: Roll the area of the glutes over the foam roll.

You Should Feel: Sensitivity to the glutes on the side in which the knee is bent.

Iliotibial Band (IT Band)



Start Position: Lie on the side with foam roll under outside of thigh (IT Band). Place opposite foot flat on the floor in front of the bottom leg.

Procedure: Using arms for support roll the IT band over the foam roll from just above the knee to the hip.

*Advanced: Place top leg parallel with bottom leg when rolling.

You Should Feel: Sensitivity on the side of the thigh.

Quadriceps/Hip Flexor



Start Position: Face down using arms for support in push up position. Place the quadriceps/hip flexor area (in between knee and hip) over foam roll.

Procedure: Using the hands and/or forearms for support, roll the quadriceps/hip flexors over the foam roll from the top of the hip to just above the knee. Alternate legs. *Advanced: use softball, tennis ball, lacrosse ball, etc. in place of foam roll.

Latissimus Dorsi



Start Position: Lie on the side with foam roll under the bottom portion of the armpit.

Procedure: Using the legs for support, roll the upper body over the foam roll. Move it up and down the side from the armpit to the waistline.

You Should Feel: Sensitivity on the side being rolled.

Back



Start Position: Sit with foam roll perpendicular to the lower lumbar spine with knees bent and hands supporting head.

Procedure: Using the feet and legs for support, roll the upper and mid back over the foam roll. Once you feel it under the end of your ribcage, stop. Do not hold on lower back.

*May place hands behind head for support.

You Should Feel: Sensitivity to the muscles of the upper and lower back.

Movement Prep-Dynamic Stretches

Dynamic Stretching has been proven to not only decrease injuries, but also increase performance. The goal of a dynamic warm-up is to increase the heart rate and body temperature to raise the readiness of the muscles and the brain. The movements encompass multiple low intensity movements and activities in several directions and planes of motion, which target specific body parts for the intended exercise. Each movement should be held for only 2-seconds at a time. It will benefit the participant to familiarize themselves with the movements displayed.

Active Hamstring Stretch



Start Position: Lying on back

Procedure: Keep down leg completely straight and toes pointing up. Keep hip of leg being stretched above 90 degrees at all times. Hold stretch for 2 seconds, relax, and repeat 10 times.

You Should Feel: Stretching groins, hip flexors, glutes, and hamstrings.

Inch Worm



Procedure: Start standing. Bend at waist reaching hands to floor. Walk hands to pushup position. Walk feet forward towards hands with knees straight. *Advanced: may walk hands past shoulders if body permits. May wear gloves if necessary.

Coaching Tips: Keep abdominals contracted. Keep knees straight.

You Should Feel: Stretching hamstrings. Core and shoulder stability.

Walking Straight Leg Raise



Start Position: Standing with feet parallel and arms reached forward.

Procedure: Step forward, bring leg out and up to straight leg position. Alternate legs.

Coaching Tips: Stay upright as possible with chest out.

You Should Feel: Balanced in standing leg and stretch in both hamstrings.

Reverse Lunge with Twist



Start Position: Standing.

Procedure: Step backward with left leg into a lunge position. Contract left glute, open your right hand to the right while maintaining your base posture.

Coaching Tips: Keep good posture. Keep front knee over front foot.

You Should Feel: Stretch to hip flexor of back leg and glute and groin of front leg.

Piriformis Stretch



Start Position: Standing or Quadruped.

Procedure: Standing: Stand upright with shoulders down and back: While balancing, bring right foot into left hand and right knee into right hand. Hold for 2-seconds.

Quadruped: Using arms for support, bring lower shaft of left leg perpendicular to midline of body. Shift hips back and down. Hold for two seconds. Alternate legs.

Coaching Tips: Breath slow and controlled. Keep back straight and chest out.

You Should Feel: A stretch in the piriformis, glutes, and hips.

Strength and Conditioning

The exercises displayed on the following pages may require a higher level of training and quality form. If you do not understand the procedure or are not familiar with any of the movements or exercises, it is highly advised that you DO NOT attempt to perform them. Be sure to ask a qualified professional for assistance. The following list of exercises is a small list. Once good movement is established, begin to load with weight incrementally.

Planks

Fireground Application: All fireground operations.

Start Position: Face down with bodyweight on forearms and toes. The closer the feet, the higher the difficulty.

Procedure: Pull abdominals in towards spine. Maintain for a desired amount of time. Maintain a straight line from the head, shoulders, hips, and heels.

Coaching Tips: Breathe slow and controlled. Keep back flat and arms straight. Do not allow hips to raise or sag throughout the hold.

Front Leaning Rest Position

Fireground Application: All fireground operations.

Start Position: Move to the top of the push-up position. Wrists should be directly under shoulders, body in straight line with head in neutral position and balls of feet on floor. The closer the feet, the higher the difficulty.

Procedure: Pull abdominals in towards spine. Maintain position for a desired amount of time.

Maintain a straight line from the head, shoulders, hips, and heels.

Coaching Tips: Breathe slow and controlled. Keep back flat and arms straight. Do not allow hips to raise or sag throughout the hold.

Hanging Leg Raise

Fireground Application: All fireground operations. Core stability.

Start Position: Hanging from pull up bar with palms facing away from body and thumbs around the bar. Place hands slightly wider than shoulder width apart.

Procedure: Without swinging, keep knees straight and pull feet and legs up so hips are at a 90-degree angle in the air. Hold for allotted time or for reps (if unable to do toes to bar in the following workout plan)

Glute Bridges

Fireground Application: Lifting objects such as a hose, ladder, or patients.

Start Position: Lie face up on back on the floor. Bend knees and have feet flat on the floor and arms next to the side.

Procedure: Engage core and push through the heels to lift hips off the floor. Shoulders, hips, and knees should be in a straight line. Hold position for a count of 3-5 seconds and return in control to start position.

Coaching Tips: Should feel movement in hamstrings and glutes. Do not hyperextend back.

Good Mornings

Fireground Application: Lifting objects such as a hose, ladder, or patients.

Start Position: Standing with feet shoulder-width apart and toes pointed forward.

Procedure: Initiate movement with bend at hips. With slight knee bend, bend at the hips as far as you can while pushing hips back keeping back straight and a neutral spine.

Coaching Tips: Should feel movement in hamstrings NOT low back. Do not allow knees to bend into a squat position.

Dead Lift with Kettlebell (or Barbell)*DISCLAIMER*****

If unfamiliar, do NOT attempt without proper instruction, supervision, or guidance.

Fireground Application: Lifting equipment such as a hose, ladder, or patients from the ground.

Start Position: Standing with feet hip-width apart and knees slightly bent. Appropriate weighted kettlebell should be placed between legs with handle lined up perpendicular to body. (If using barbell- same body position but hands will be place just outside of the knees)

Procedure: Contract core and keep shoulders back and down with palms facing body. Shift hips backwards and begin to reach for weight while keeping back flat. Grasp weight, contract hamstrings and glutes to return to standing position while pushing the body weight through the heels. Guide weight back to starting position with the same movement.

Coaching Tips: Keep weight very close to the body throughout the movement. Do not allow back to round during the movement. Keep chest out.

You Should Feel: Working glutes, hamstrings, and back.

Squats (Body weight and weighted)

Fireground Application: Lifting objects such as a hose, ladder, or patients.

Start Position: Standing with shoulder-width apart and toes pointed forward or slightly turned outward. (If using weight- barbell will be placed behind the neck- sitting on traps not directly on the neck. Hands will be comfortably place on either side of the bar outside of the shoulders)

Procedure: Initiate movement with bend at hips. Squat by pushing hips back and down until the thighs are parallel to the floor. Extend hips and knees until legs are straight into neutral position.

Coaching Tips: Push body weight through heels not the toes. Do not allow knees to move forward past the toes. (If using weight- use proper technique. Do NOT lift heavy if you are not experienced with this movement.)

Split Squat

Fireground Application: Lifting equipment or patients from the ground.

Start Position: Standing with shoulder-width apart and toes pointed forward.

Procedure: Step forward with right foot and bend both knees until they are both at 90-degree angles and the back knee is just above the floor. Keep right foot flat on the floor. Push through the front right hip to return to starting position. Repeat for exercise. Alternate legs.

Coaching Tips: Keep chest up and posture upright. Do not allow front knee to move beyond the front foot.

Step Ups (Box Jumps)

Fireground Application: Stepping into the cab of a fire engine, stepping onto a tailboard, climbing stairs.

Start Position: Standing with shoulder-width apart and toes pointed forward.

Procedure: Lift right foot to box step and lean slightly forward. Contract the right glute while bringing the left foot up to the box step. Alternate by stepping down with the leg that initiated the movement. (For workouts following: when it asks for box jumps use a two foot take off, land with soft knees and stand all the way up to full extension with hips and knees, then step down. Do not jump off of the box)

Coaching Tips: Keep upright posture. Maintain hip, knee, and ankle alignment. Keep body weight over midline of front foot.

Push Ups

Fireground Application: Forcible entry, rescue, ceiling breach

Start Position: Push up position with arms directly under shoulders.

Procedure: While keeping core tight, using the arms, lower body to floor so the chest is just above the floor. Control the body as the arms push back up, pushing chest away from the floor.

Coaching Tips: Keep body and core tight and straight.

Wall Walk

Fireground Application: Raising a ladder.

Start Position: On stomach with hands under shoulders and elbows back towards heels. Feet should be facing a wall. Wrists should be directly under shoulders, body in straight line with head in neutral position and balls of feet on floor. The closer the feet, the higher the difficulty.

Procedure: Pull abdominals in towards spine. Move to the top of the push-up position.

Simultaneously walk feet up the wall and hands towards the base of the wall until head is through the arms and eyes are facing the wall. Maintain a straight line from the head, shoulders, hips, and heels. Hold for a desired amount of time.

Coaching Tips: Breath slow and controlled. Do not allow thighs to touch wall. Keep back flat and arms slightly bent. Do not allow hips to raise or sag throughout the movement. If you feel unsafe at any time, bring legs down in a safe manner.

Renegade Rows

Fireground Application: Forcible entry, starting equipment, ceiling breach, and halyard raise.

Start Position: Push up position (up position) with hands directly under shoulders. Each hand should be holding a dumbbell.

Procedure: While keeping core tight and legs spaced for balance, row arm up and back to core of body. Elbow should move towards the ceiling. Hold movement, then slowly lower down to floor. Alternate arms. Control the body as the arms alternate keeping the body inline.

Coaching Tips: Keep body and core tight and straight.

Burpees

Fireground Application: Advancing a hose line from the prone position.

Start Position: Standing.

Procedure: Lower body to floor using the squat position. Quickly push the legs back behind body into a push-up position. Perform a push-up. Immediately return feet under body to the squat position. From the squat position, jump as high as possible. Land in the squat position with knees soft and hips pushed back.

Coaching Tips: Keep a fast pace. Fully extend legs during push-up position. Jump as high as possible with a soft landing. Keep movements controlled.

Pull Ups

Fireground Application: Pulling body over a parapet, pulling body up a ladder, raising a ladder halyard.

Start Position: Hanging from pull up bar with palms facing away from body with thumbs around the bar. Place shoulders slightly wider than shoulder width apart.

Procedure: Without swinging, pull chest to bar. Return to start position.

Coaching Tips: Do not swing body or legs. Fully extend elbows after each repetition.

Push Press-Overhead press (Dumbbells or barbell)

Fireground Application: Lifting ladder or equipment overhead.

Start Position: Stand with feet under the hips. Hold bar or dumbbell in front of shoulders in the front squat position.

Procedure: Engage core, drop hips back and down to a slight squat position and quickly push back up through the starting position. Push bar or dumbbell overhead with hips, knees, and elbows fully extended. Control weight to the starting position.

Coaching Tips: Do not allow knees to move forward past toes. Do not begin pushing the weight overhead until the hips are fully extended.

Thruster (Dumbbells or barbell)

Fireground Application: Lifting ladder or equipment overhead.

Start Position: Stand with feet in the squat position. Hold bar or dumbbell in front of shoulders in the front squat position.

Procedure: Engage core, drop hips back and down to a squat position and quickly push back up through the starting position. Push bar or dumbbell overhead with hips, knees, and elbows fully extended. Control weight to the starting position.

Coaching Tips: Do not allow knees to move forward past toes. Do not begin pushing the weight overhead until the hips are fully extended.

Kettlebell Swing (KB) *DISCLAIMER*****

*DO NOT attempt without proper instruction, supervision, or guidance.

Fireground Application: Equipment manipulation, forcible entry, rescue, etc.

Start Position: Standing with feet hip-width apart and knees slightly bent. Appropriate weighted KB should be placed between legs with handle lined up perpendicular to body. Grasp KB with both hands. Keep arms straight and palms facing body.

Procedure: Contract core, keep back flat, while keeping shoulders back and down. Lower body into squat position by shifting hips back. Pushing the hips forward, stand up and simultaneously raise the arms in front of body until they are parallel to the floor. Without pausing, allow the KB to quickly swing back to the starting position.

Coaching Tips: Do not allow back to round during the movement. Keep chest out. The power should be coming from the glutes and hamstrings.

You Should Feel: Working glutes, hamstrings, and core.

V-Up:

Fireground Application: All fireground operations. Core stability

Start Position: Laying prone (laying on back) with legs straight and arms extended overhead:

Procedure: Contract the abdominals and reach for the toes while raising the legs. Maintain hip, leg and arm extension. Rep is completed with hands touching the feet.

Coaching tip: If unable to touch the toes, knees may bend slightly. The goal is to have the shoulders and torso off the ground leaving only the buttocks in contact with the ground creating a “V” shape.

Dip:

Fireground Application: Lifting ladder or equipment overhead, pulling ceiling, forcible entry.

Start Position: Sit on the edge of a stable chair, weight bench or dip bars with arms full extended.

Procedure: Press into your palms to lower yourself until your elbows are bent between 45 and 90 degrees, control movement throughout the range of motion. Push yourself back up until arms are straight.

Coaching tip: If using a chair or dip bench, depending on level of difficulty, place legs either straight out in front of you or bent to 90 degrees. If using a dip bar, you may hang your feet holding the entirety of your body weight.

Notes pertaining to the program:

1. Perform the foam roll series and a functional dynamic warm up for about 10-15 minutes prior to each workout. This will allow the body to get prepared for physical demands. The dynamic warm up coupled with foam roll will greatly reduce the risk of injury.
2. Always pay attention to your body while exercising. If you feel weak, dizzy, nauseous, experience chest pain, joint pain, or have trouble breathing, immediately stop and seek professional assistance.
3. It is very important to progress your workload gradually. Be realistic. Increase your intensity, distance, duration by no more than 10% each week.
4. With all movements and exercises, use proper form. Do not sacrifice your technique and form for ego or heavier weight. This is when the potential for injuries will most likely increase. Learn the proper way to perform a movement or focus on the progressions to your goal. Seek professional assistance if you are not comfortable with a particular exercise.
5. Remember to cool down gradually after each workout. This may include low-intensity aerobic exercise and stretching. The cool down allows the muscles to relax and assists with the removal of metabolic waste for the body to return to its state prior to exercise.
6. Stay hydrated and well nourished. Nutrition and hydration shall be a priority in proper fitness. Without adequate hydration, the body will fatigue more easily, be more susceptible to cramping, unable to regulate body temperature, as well as increasing the risk of heat illnesses. As a general guideline to properly hydrate, approximately 1 gallon would go with a minimum of 125 oz. of fluid replacement per day. I may even stress electrolyte replacement options that may help, (drip drop, liquid IV) a couple of suggestions.. Consumption of food within 30 minutes post-exercise is also highly recommended. This will assist in replenishing the body with nutrients.

Modifications:

If you do not have access to equipment (ex: rower, barbell, pullup bar, etc.)

- On strength training days, weight may be added to the movements (Ex: Squats).
- On conditioning days unless it calls for weight these are bodyweight movements (Ex: squat= air squat)
- Any distance should be modified to a run of the same distance.
- Any weighted exercise can be modified with a bodyweight exercise that is aiming for the same muscle group (push press- push up, etc.)
- Any pulling movement, if you do not have access to a pull up bar perform double the amount of burpees that the workout plan is asking for (ex: 15 pullups = 30 burpees).
- Toes to bar can be modified with either hanging knee raises or v-up.
- If you do not have a jump rope and the workout plan calls for single unders do jumping jacks for the same amount of reps.

Definitions and Descriptions

AMRAP: As Many Rounds/Repetitions as Possible

Conditioning: Designed to use various exercises to simulate firefighting tasks while increasing muscle strength, muscle endurance, and cardiovascular endurance. May use time or sets/reps as factors to complete the entire workout. Since a firefighter's demands, schedule, and task are never the same, it is important to simulate this by training the body as a whole.

Muscular Endurance: The ability for the muscles to exert and remain active for a long period of time at a submaximal force.

Muscular Strength: The muscles ability to exert maximal force in one contraction.

Power: A speed and strength combination that is the ability of the muscles to exert a maximum force in minimal time.

Sets/Rounds: A group of repetitions of an exercise in between rest periods.

Singles: Jump rope passes under feet one revolution per jump.

Repetitions: The number of times each exercise is completed.

Rest: The amount of time in between sets of exercises. This allows muscles time to recover before the next set.

Unbroken: Amount of repetitions able to complete *using good form* without resting.

Weight (Lbs.): The amount of weight chosen should be challenging for each individual at the number of repetitions the exercise chart states. For example, if it is extremely easy to perform 10 squats with 95 lbs. with good form, adjust the weight by increasing it slowly to make the exercise more challenging. Conversely, if 95 lbs. is too difficult and the exercise cannot be performed with good form, decrease the amount of repetitions or decrease the weight accordingly. *The chosen weight should be challenging yet should still be able to perform the movement safely, with good form, range of motion, and with no pain.*

*****DISCLAIMER*****

Some of the following exercises require more experience, training, and skill.

If you do not understand or are not familiar with any of the movements or exercises, DO NOT attempt to perform them and ask a qualified professional for assistance.