**LawFit® Fitness Leadership Curriculum Overview**

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To enhance instruction, every session has an associated activity component, which allows officers to apply in a practical manner the concepts that they are learning. This hands-on, experiential approach motivates fitness leaders in the LawFit® Program to lead by example and reinforces the fact that any successful fitness program must have the active support of senior management.

**Day One**

**Session** **1 (07:00-08:15) BREAK (08:15-08:30)**

 **Officers and Physical Fitness**

 **Instructional Session**

 Introduction to the training school:

 (1) Organization and schedule for the week

 (2) Staff objectives

 (3) Defining the components of fitness

1. Legal aspects of a physical fitness program for officers
2. The pre-hire screening process

**Session 2 (08:30-11:00)**

 **Activity Session**

**During this session participants will complete a battery of health and fitness assessments.**

 (1) Height

 (2) Weight

 (3) Blood Pressure

 (4) Resting Heart Rate

(5) Determination of Percent Body Fat: to analyze body composition

* 1. Bioelectrical impedance
	2. Skinfold measurements
1. **Push-up Test**: to measure upper body muscular endurance
2. **1-Minute Sit-Up Test**: to measure abdominal muscular endurance
3. **Sit and Reach Test**: to measure hamstring and low-back flexibility

.**Lunch (11:00-12:00)**

**Session 3 (12:00-13:00)**

 **Instructional Session**

**Interpreting and Applying Assessment Information: Flexibility**

 This session includes:

 (1) Do's and don'ts of stretching exercises

 (2) Importance of stretching in warm-up routines

 (3) Physiological factors related to stretching

 **Activity Session**

This session acquaints participants with activities designed to develop, maintain, and improve flexibility including:

 (1) Static stretching regimens

 (2) Warm-up routines

 (3) Stretching to avoid injuries

1. Trainer-assisted isolated stretching

**Session 4 (13:00-14:00)**

 **Instructional Session**

**Prevention and Treatment of Exercise-Induced Injuries**

 (1) Common injuries associated with conditioning programs

 (2) Care and treatment of exercise-induced injuries

 (3) Exercise in environmental extremes

 **Activity Session**

Participants will preview state-of-the-art fitness and training equipment as well as the modalities which are used by athletic trainers and physical therapists to rehabilitate injuries.

**Session 5 (14:00-15:30**

 **Instructional Session**

 **Interpreting and Applying Assessment Information: Cardiovascular Fitness**

(1) Anatomical and physiological considerations of the circulatory and respiratory systems

 (2) Exercise and heart disease

 (3) Protocols for taking blood pressure

 **ACTIVITY SESSION**

(1) Evaluation of aerobic capacity

 (2) Determination of training heart rates

1. Safety considerations in aerobic fitness
2. **1.5-Mile Run**: to measure cardiorespiratory efficiency

 **Day Two**

**Session 6**

**(07:00-09:45)** **Interpreting and Applying Assessment Information: Muscular Strength and Endurance**

 **INSTRUCTIONAL SESSION**

 In this session staff will discuss:

 (1) Anatomical and physiological factors related to the development, improvement, and maintenance of both muscular strength and endurance

 (2) The application of muscular strength and muscular endurance in the performance of policing duties

 (3) Interpretation of measures of muscular endurance and

 strength

 (4) Introduction of the overload principle

 **ACTIVITY SESSION**

This session will acquaint participants with activities designed to develop and maintain muscular strength and endurance including:

1. **One-Repetition Maximum Bench Press**: to measure upper body strength

(2) **Pull-Up Test and/or Lat Pull-downs**: to measure upper body muscular endurance

 (3) Review of the LawFit® Basic Five:

 a. Bench Press

 b. Lat Pull-Downs

 c. Shoulder Press

 d. Bicep Curls

 e. Shoulder Shrugs

1. Leg training and strength development
2. Squats
3. Leg Press
4. Leg Extensions
5. Leg Curls
6. Calf Raises

**Session 7**

**(10:00-11:00)**

 **Work Performance Testing, Pre-hire Screening, and Special Operations Team Selection**

 **Instructional Session**

 (1) Discussion of the job task analysis process in the development of the Virginia Law Enforcement Work Performance Test

 (2) Job-related pre-hire screening

1. Utilizing fitness and work performance tests in the selection of special operations team members

**Lunch (11:00-12:00)**

 **Activity Session (12:00-13:30)**

This session is designed to acquaint fitness leaders with a variety of options for developing work related screening tests for their departments.

 (1) The Virginia Law Enforcement Work Performance Test

1. Work Performance Test variations
	1. Handcuffing
	2. Target acquisition & shooting accuracy

**Session 8**

(**13:30-14:30)**

 **Interpreting and Applying Assessment Information and Results: Body Composition, Blood Pressure, Resting Heart Rate, and Fitness Test Scoring**

 In this session staff will discuss:

1. Interpretation of measures of body fat
2. Measurement of height and weight- Calculation of Body Mass Index (BMI)
3. The importance of blood pressure and resting heart rate as indicators of cardiovascular health
4. Using the LawFit scoring system to determine levels of fitness

 **Activity Session**

Staff will assist participants in conducting physical assessment tests on one another. The purpose of this session is to refine the measurement and evaluation skills of fitness leaders.

1. Skin fold measurement
2. Blood pressure
3. Bioelectrical impedance
4. Heart Rate monitoring

**Session 9**

**(14:30-15:30)**

 **Nutrition and Weight Control for Officers**

 **Instructional Session**

1. Diet and Nutrition

 (2) Weight Control and Hypertension

 (3) The role of exercise in weight control

 **Activity Session**

 (1) Nutrition and Physical Performance

 (2) Food Labeling for Better Nutrition

 (3) Eating Well - Eating Right

**This session will be used to answer questions about materials and activities that were introduced. Program staff will summarize salient aspects of the program.**

  **Presentation of Fitness Leader Certificates**