

ACSM PERSONAL TRAINER EXAM STUDY GUIDE 2014/2015

FITT-VP: Exercise Prescription Framework

F= Frequency, I= Intensity, T= Time, T= Type, V= Volume, and P= progression

CARDIORESPIRATORY FITNESS: Aerobic fitness

3-5 days a week, depending on intensity

Go beyond baseline to lose weight (150 mins +)

Volume → measured by MET (500-1000)

MUSCULAR FITNESS: Muscular strength (1RM) and Muscular Endurance (hold contraction)

2-3 days a week (48 HOURS between using each muscle group)

Intensity: 8-12 reps @ 60%-80%

10-15 reps @ 40-50%

Sets/Volume: Each muscle → 2-4 sets, 2-3 mins between each set

ALWAYS train opposing muscle group as well!

Progression: Many ways → add weight, add sets, add reps, add more training days

FLEXIBILITY: Improve joint range of movement → 10 mins/4 reps each stretch

Hold stretches for 10-30 secs where it is tight

NEUROMOTOR EXERCISE: Great for elderly/ people who are fall risks

Includes balance, coordination, agility, and proprioceptive training

2-3 days a week

Intensity: Changes in 3 ways → Base of support, center of mass, peripheral cues

Tia chi, Yoga, Pilates (walking balance, seated balance, standing balance)

ADVANCED TRAINING: Plyometrics → improve power, agility, speed (jumping training)

Resistance Training → weight training/strength training

Came about during WWII

Should be guided by evidence, not testimony

SAID → Specific Adaptations to Imposed Demands (more reps, more endurance the muscle builds)

PROGRAM DESIGN: Always needs to be changed overtime for progress

Do initial assessments (goals, time frame, health issues, target areas)

Asses → body composition, anthropometric measurements, endurance

Follow up assessment: Keep logs, always customize to the clients physiological needs, ask for feedback → always listen to your client and read their body language

AFFECTS OF OVERTRAINING: Delayed Onset Muscle Soreness (DOMS)

DOMS is not a goal. Soreness should be 3 on scale from 0-10

HYDRATE

*diuretics can influence tissue damage

Rhabdomyolysis → Rapid breakdown of tissue in high amounts

Acsm Personal Trainer Study Guide

Robert R. Redfield



Acsm Personal Trainer Study Guide:

Acsm Personal Trainer Study Guide Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has become much more apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Acsm Personal Trainer Study Guide**," compiled by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we shall delve to the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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