

## What We'll Cover Review of Principles and Biomotor Training Theory Exercise Inventory Planning for Your Program Facilities If ONLY 2 Exercises Hurdle Specific Plans

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Training Principles		
Principle of Progression	Principle of Variation	
<ul> <li>Training must follow an organized progression</li> </ul>	<ul> <li>Training must have a varied approach to ensure continual adaptation</li> </ul>	
Simple to Complex	Lower Volumes, Raise Intensities	
Principle of Overload	Principle of Recovery	
<ul> <li>Athletes must be subjected to</li> </ul>	Most Overlooked	
loads beyond what they have adapted to	• 8% Rule (2h of 24)	1
• Weight Training is KEY!	<ul> <li>Athletes control what happens outside practice</li> </ul>	

## Speed Strength - General - slow speedhigh forces (Squats, Bench, Med-Balls) - Max Velocity - Agility - Specific - Evert specific (Bubkas, weighted sled runs, etc) - Specific - Evert specific (Bubkas, weighted sled runs, etc) - Specific - Evert specific (Bubkas, weighted sled runs, etc) - Specific - Evert specific (Bubkas, weighted sled runs, etc) - Specific - Evert specific (Bubkas, weighted sled runs, etc) - Specific - Evert specific (Bubkas, weighted sled runs, etc) - Specific - Evert specific (Bubkas, weighted sled runs, etc) - Coordination - Static - large ranges of motion without movement (e. ledg swings) - Dynamic - large ranges of motion without movement (e. ledg swings) - Dynamic - large ranges of motion without movement (e. ledg swings) - More common & provent injury - More common & provent injury - More common & provent injury - Specific - Evert specific (Bubkas, weight to feel body in space in sp

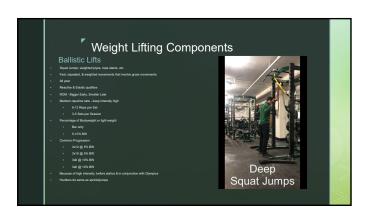


## Grouping Elements Some elements can be BOTH General & Neuromuscular Hurdle Mobility Fast = Neuro Slow = General Static Liffs Heavylintense = Neuro Light/Noturne = General Flexibility Drills Dynamic = Neuro Static = General Med-Ball Exercises High Intensity = Neuro Low Intensity = General

Event Specific Train	ning	
Should model the needs of the events of athletes	Any crossover should have a specific purpose	
<ul> <li>Heavy Squats and Power Cleans for Distance?</li> <li>Endurance Training for Throwers?</li> </ul>	Light load squats for distance runners to increase strength 8 injury prevention     Power Cleans for Mid-Distance to work Speed/Power     30-50m sprints for throwers – increase fitness & explosiveness	۱
<ul> <li>400m repeats for High Jumpers?</li> </ul>	<ul> <li>150m sprints for high jumper &amp; pole vaulter – helps with coordination of running at slower speeds to help coordination at faster speeds</li> </ul>	
300/400m hurdlers doing mileage runs?	Fartleks for 300H to more closely represent work loads for event     30s @75% / 90s @jog for 10 min total	

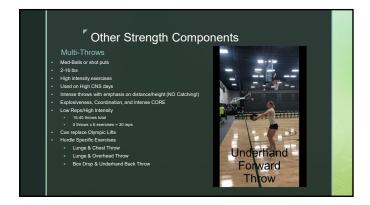


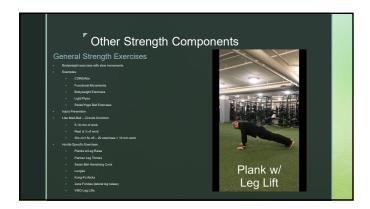




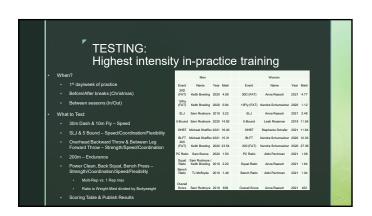












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If I Could ONLY do 2 exercises	
Olympic Lifts Power Cleans, Snatch, etc. Works explosiveness, strength, and hits triple extension	
Multi-Throws     Med-Balls, Shot Puts, Large Rocks, etc.     Works explosiveness, strength, and hits triple extension	







Mentors/Teachers	
Uncles – Tom & Jerry Lange Ran hurdles or high jumped in HS (first coaches)	
Mike Cunningham (former Ball State & MS State)     Coached me in summers during HS	
Bill Massoels (former SJC HC, current MSOE HC)     College coach	
Paul Sargent (former HC @ Franklin College) Pushed education at state and national clinics like this	
Pete Corfeld (retired HC @ UW-Milwaukee)     Encouraged and funded certifications at USTFCCCAAcademy	
<ul> <li>Boo Schexnayder, Vince Anderson, Todd Lane, Dennis Shaver, Joey Woody, Kebba Tolbert, and many more</li> </ul>	
Instructors &/or Partners in Academy classes and at USTFCCCA Convention	

「Questions?	
<ul> <li>Want any charts, tables, ideas shared here?</li> </ul>	<u> </u>
Want to shadow a practice?	
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