



"NRXC is a group of friends that have fun running together and are excellent in our integrity, teamwork, and fitness."

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STRENGTH AND CORE TRAINING FOR WEEK OF JUNE 10-JUNE 16, 2024

I hope you enjoyed getting in the weight room and some strength work last week! "Enjoy" might be too strong of a word, but – I promise you – this will make a huge difference in your running and general health. Getting stronger is worth it. Let's get after it!

I. Strength Training

Tuesday, June 18, 2024

Time: Immediately after practice

Location: Northridge High School Weight Room

Exercise	Sets	Reps	Notes
Squats ¹	3	10	Runners selected appropriate resistance.
Kettlebell swing ²	3	10	Runners select appropriate weighted resistance that allows for good form.
Bulgarian split squat	3	10	Runners select appropriate weighted resistance.
Explosive lunges	1	5-8	Unweighted; try and be explosive.
Sled push ³	2	1	Variable weight; push hard, pull back. Full recovery.
Pushups	1	10 to Failure	No pushups on knees. Adjust body angle to modify difficulty. All runners do at least 10 reps.
Pullups or bodyweight rows	1	5 to Failure	All runners do at least 5 reps. If unable, can be assisted or eccentric. Focus on bring shoulder blades together.

¹ If you have squatted before and need to weight the exercise, you can use a barbell (if you know how to do so safely and have a spotter), kettlebell, dumbbell, milk jugs, or whatever for resistance. If no resistance is available, slow eccentric with an explosive jump.

² Vertical jumps and broad jumps are bodyweight alternatives, as [shown in this video](#).

³ If you don't have access to a sled, omit this exercise; your normal hill sprints are the alternative.

Thursday, June 20, 2024*Time: Immediately after practice**Location: Location TBD by captains*

Exercise	Sets	Reps	Notes
Single leg RDL	1	8-10 per leg	Bodyweight.
Two leg pogo hops	2	15	Only slight bend in the knees; powerful and quick off the ground.
Single leg lunge jump	1	5-8 each leg	Try and be explosive, short time on the ground.
Nordic hamstring curl	2	5	All runners perform these with a partner. Maintain the eccentric as long as possible.
Jump squats	2	10-20	Explosive; focus on a soft landing and being powerful and quick off the ground.
Mountain climbers	2	30"	Pull legs all the way in; keep the butt low; fast an explosive.

II. Core Training

Core (A) (Monday After Practice Routine)

Exercise	Sets	Reps/Time	Notes
A-Switches	1	0:30 per leg	Hold A-march position with good form, quickly switch legs.
Side Plank	1	0:30 / side	Hold for designated time per side. Keep hips high and body stable. Straight elbows, on hands.
High knees	2	0:30	Good posture, knees high, and feet quick off the ground.
Standing bicycle crunches	1	1:00	Focus on full range of motion with a good contraction of obliques.
Mountain climbers	2	0:30	Be fast and pull the knee in all the way.

Core (B) (Wednesday After Practice Routine)

Exercise	Sets	Reps/Time	Notes
Mountain climbers	2	0:30	Do as many quality reps as possible within the designated time, resting 0:30 between sets. Focus on keeping the butt low and pulling knees all the way in.
V-Ups	2	0:30	Do as many quality reps as possible within the designated time, with 0:30 between sets. Focus on pulling your arms and legs together with control and no collapsing between reps.
Bird dogs	1	1:00	Do slow and controlled reps for the designated time, aim for stability during and between reps, with no loss of balance or control.
Candlesticks (Level 1)	1	1:00	Do as many quality reps as possible in the designated time. Aim for full engagement of lower core muscles, straighter legs over time, and no collapsing between reps.
Pushups with rotation	2	0:30	Do as many slow and controlled reps as possible during the designated time. Everyone should be on feet (not on knees), modifying body angle for difficulty as necessary Focus on control, balance, and full range of motion. Aim to lower angle over time over time.
Burpees	1	10	Modify as necessary to complete the designated number of reps in a reasonable time, with the goal being a full pushup, jump down, jump feet back in, and high jump up.

Core (C) (Saturday After Long Run Routine)

Exercise	Sets	Reps/Time	Notes
High plank shoulder taps	1	1:00	Hold for the designated time. Straight arms. Keep hips high, core stable, and aim for minimal rotation.
Side plank leg raises	1	0:30 / side	Hold for designated time per side. Keep hips high and aim for core stability and balance with leg raises. Bent or straight elbows (your preference)
Superman holds	2	0:30	Hold extended position for the designated time, aim for high hands and feet (without pain).
Situps	2	0:30	Do as many quality reps as possible for the designated time. Aim for no one holding your feet, full range of motion, pulling from the core, and not collapsing between reps.
Burpees	2	10	Modify as necessary to complete the designated number of reps in a reasonable time, with the goal being a full pushup, jump down, jump feet back in, and high jump up.

Exercise Sheet

Core Exercises	Strength Exercises
Plank	Nordic Hamstring Curls
Side Plank	Single Leg Lunge Jumps
Superman	Single Leg Romanian Deadlift
Bicycle Crunches	Goblet Squat
Burpees	Kettlebell Swing
Mountain Climbers	Bulgarian Split Squat
V-Ups	Stiff Leg Ankle Hops
Bird Dogs	Pushups
Candlesticks (Level 1)	Pullups
Pushups with Rotation	Bodyweight Row
High Plank Shoulder Taps	
Side Plank Leg Raises	
Situps	
Superman Holds	
Standing Bicycle Crunches	
High Knees	
A-Switches	