COUGAR TRACK & FIELD

2024 SPRING SEASON DT SCHEDULE

MONDAY through SATURDAY team practice attendance is mandatory.

PHASE 1

PERFORMANCE WARM-UP (wks 1-5) PHASE 1

CORE CIRCUIT

60 sec. leg lifts 60 sec. chest lifts

60 sec. sit ups

60 sec. hands-and-knees bird dogs 60 sec. elbow-to-knee diagonal crunch

MOBILITY CIRCUIT

2 x 20m forward skips w/ arm swing

2 x 20m lateral shuffle w/ arm swing

2 x 20m lateral crossovers

300m BAREFOOT run (turf lap)

20 sec. lateral leg swings 20 sec. linear leg swings

300m BAREFOOT run (turf lap)

2 x 10m forward "h" skips

2 x 10m forward heel lift

2 x 10m forward knee lift

4 x 6-8 wicket strides

MEDIUM warm-up run -time indicated on training calendar (10-25min).

PERFORMANCE COOL-DN (wks 1-5) PHASE 1

MEDIUM cool-down run -time indicated on training calendar (10-15min).

A CIRCUIT in quad:

10-15 x triceps dips

10 x double leg jump-ups

10-15 x body-weight rows

10 x forward step-up/knee drive

B CIRCUIT on turf:

20 x mountain climbers

10-15 x lateral-walk push-ups

2 x 10m lateral squat walk

STRETCH CIRCUIT

FITNESS WARM-UP (wks 1-5) PHASE 1

CORE CIRCUIT

-3 x 30 sec. plank

-60 sec. scoops (on back)

-60 sec. chest crawl (on chest)

-60 sec. low reach crunch (on back)

-60 sec. pistons (on back)

-60 sec. opposite arm/leg (on chest) -60 sec. side crunches (30 sec. each)

GSM CIRCUIT

10 x Sway-back/Cat-back

10 x Lateral abductor leg-raise

10 x Lateral adductor leg-raise

10 x Scorpion

10 x Donkey whip

10 x Fire hydrant

BAREFOOT RECOMMENDED

40m btwn, 60 seconds each.

Jog Variation Between Each:

-360 jog x 2

-lateral shuffle x 2

-lateral crossover x 2

-lateral saddle swing x 2

-20m inchworms

-20m walking pillar dips -20m walking leg swings

-60 sec. hip/trunk rotations

-60 sec. inverted splits -60 sec. inverted scissors

-60 sec. chest eagles

-60 sec. back eagles

-20m reverse lunge to run pose (10 per

4 x 6-8 wicket strides

LADDER DRILLS

1. Forward double-leg "hop scotch"

2. Forward double-leg "slalom'

3. Forward double-leg "snake"

4. Forward half-step (x2)

5. Forward quick-step

6. Lateral quick-step 7. Lateral shuffle-step

8. Lateral "x-country" switch-step

9. Forward "icky shuffle"

10. Forward "speed skater"

MORNING FITNESS ROUTINE ks 1-5) PHASE 1

BAREFOOT RECOMMENDED

20m btwn. 60 seconds each.

SWISS BALL SIDE:

Prone hips on ball, alternate leg lift

Supine drop-push

Down-plank tuck

Left-oblique crunch, hands behind head

Right-oblique crunch, hands behind head

Double-leg hamstring curls

Supine leg-lift twists

8. Back extension, hands under chin. elbows high

Left-side-split leg raises

10. Right-side-split leg raises

11. Supine ball pass

MEDICINE BALL SIDE:

Good mornings, ball btwn shoulders

Standing straight-arm circles

Left-leg pillar dips

Right-leg pillar dips Sit-up wood chops

Squat biceps curl

Standing overhead lateral rainbow

Inchworm roll out/back

Standing straight-arm twists

Kettle bell swings

11. Ball on shins push crunch

LOWER LEG CIRCUIT

BAREFOOT CIRCUIT

Race-walk sideline btwn each (100m). Perform leg exercise across end-zone (50m). Repeat circuit as time allows

1. Toes up, turned out

2. Toes up, turned in

3. Heels up, turned in

4. Heels up, turned out 5. Heel-to-toe walk

STADIUM STEP CIRCUIT

Power walk up and down stadium steps btwn each exercise. Repeat circuit as time allows.

60-second right-leg toe taps

60-second left-leg toe taps

20 x right-side hip-sag gluteal squeeze

20 x left-side hip-sag gluteal squeeze

20 x right-side single-leg squat taps 20 x left-side single-leg squat taps 10 x double-leg heel lower-to-raise (inversion/extension)

STRENGTH ROUTINES (wks 1-5) PHASE 1

2-3 circuits: MAX weight & speed for power! Focus on POWER (maximal force in minimal time) with concentric contractions. Focus on resistance with eccentric contractions! In other words, lift explosively and

GENERAL STRENGTH CIRCUIT

A1. -8 x arm curls (dumbbells)

A2. -8 x triceps press (dumbbell)

A3. -8 x hip-sag gluteal squeeze (dumb-bell/box)

B1. -8 x pull-ups

B2. -8 x bar-dips

B3. -8 x squat-press (landmine)

C1. -8 x bench press (dumbbells)

C2. -8 x single-arm bent row (dumbbells)

C3. -8 x standing hip matrix (band)

EG STRENGTH CIRCUIT

-8 x suitcase squats (dumbbell)

-8 x dead lifts (barbell)

-8 x box jump matrix (box)

STRETCH CIRCUIT

1. Triceps (elbow behind head)

2. Shoulder (pull arm in front) 3. Oblique/IT band (standing leg crossover,

side reach over head)

4. Hamstring (standing crossover reach) 5. Quad (standing, pull ankle away from same side gluteal)

6. Upper calf (standing, straight leg) 7. Lower calf (standing, bent leg)

8. Groin/quad (forward lunge, ankle to gluteal)

9. Groin/hamstring (lateral lunge)

10. Quad (hip thrust, knee down) 11. IT band (lunge/shin to ground)

12. IT band/gluteal (ankle on knee, sag hips) 13. Hamstring (sit modified hurdle)

14. Groin (butterfly sit)

15. Hips/back (corkscrew sit)

16. Gluteal/hip (corkscrew sit/ knee to chest)

G-S-M CIRCUIT

10 x Sway-back/Cat-back

10 x Lateral abductor leg-raise (invert-

ed/neutral/out) 10 x Lateral adductor leg-raise (inverted/neutral/out)

10 x Scorpion

10 x Donkey whip

10 x Fire hydrant

10 x Single-leg bridge thrust

COUGAR TRACK & FIELD

2024 SPRING SEASON DT SCHEDULE

MONDAY through SATURDAY team practice attendance is mandatory.

PHASE 2

PERFORMANCE WARM-UP (wks 6-10) PHASE 2

CORE CIRCUIT

-60 sec. spread eagle diagonal pike -60 sec. leg lifts w/ flutter & scissor

-60 sec. chest lifts w/ arms in front

-60 sec. Russian twists

-60 sec. bird dogs w/ lateral movement

MOBILITY CIRCUIT

2 x 20m forward skips w/ arm swing

2 x 20m lateral shuffle w/ arm swing

2 x 20m lateral crossover w/ knee drive

300m BAREFOOT run (turf lap)

20 sec. lateral leg swings

20 sec. linear leg swings

300m BAREFOOT run (turf lap)

2 x 20m forward rotary run 2 x 20m forward 3rd-stride quick stride

4 x 10-12 wicket strides

MEDIUM warm-up run -time indicated on training calendar (10-25min).

PERFORMANCE COOL-DN (wks 6-10) PHASE 2

MEDIUM cool-down run -time indicated on training calendar (10-15min).

A CIRCUIT in quad:

15-20 x triceps dips

2 x stadium-step double-leg hops

15-20 x body-weight rows

10 x switch-step toe tap (on bench)

B CIRCUIT on turf:

10 x Mountain climber matrix

10 x Burpees

STRETCH CIRCUIT

FITNESS WARM-UP (wks 6-10) PHASE 2

CORE CIRCUIT

-3 x 30 sec. plank matrix

-60 sec. straight-leg full lift

-60 sec. chest crawl

-60 sec. oscillating heel reach

-60 sec. elbow-to-knee bicycles

-60 sec. opposite-arm/leg lift w/ lateral

-60 sec. suitcases

GSM CIRCUIT

10 x Sway-back/Cat-back

10 x Lateral abductor leg-raise

10 x Lateral adductor leg-raise

10 x Scorpion

10 x Donkey whip

10 x Fire hydrant

BAREFOOT RECOMMENDED

40m btwn, 60 seconds each.

Jog Variation Between Each: -360 jog x 2

-lateral shuffle x 2

-lateral crossover x 2

-lateral saddle swing x 2

-20m inchworms

-20m walking pillar dips -20m walking leg swings

-60 sec. hip/trunk rotations -60 sec. inverted splits

-60 sec. inverted scissors

-60 sec. chest eagles

-60 sec. back eagles

-20m backward prisoner-lunge

4 x 10-12 wicket strides

LADDER DRILLS

1. Forward double-leg "hop scotch"

2. Forward double-leg "slalom'

3. Forward double-leg "snake"

4. Forward half-step (x2)

Forward quick-step
 Lateral quick-step

7. Lateral shuffle-step

8. Lateral "x-country" switch-step

9. Forward "icky shuffle"

10. Forward "speed skater"

MORNING FITNESS ROUTINE ks 6-10) PHASE 2

BAREFOOT RECOMMENDED

20m btwn. 60 seconds each.

SWISS BALL SIDE:

Supine drop-push

2. Down-plank tuck-twist

3. Left-oblique crunch, hands behind head

4. Right-oblique crunch, hands behind head

Supine double-leg hamstring curls

Supine leg-lift twists

7. Back extension, arms straight, bothhands high

Supine ball-pass

Left side-split leg-raises

Right side-split leg-raises

11. Down-plank alternate arm-raises

MEDICINE BALL SIDE:

Good mornings, ball overhead

Alternating lateral hay-bale squat

Alternating-leg V-up, ball-to-toe

Alternating axe-swing lunge-twist Sit-up alternating wood-chop twist Left-leg pillar-dip "h"-press

Left-leg pillar-dip "h"-press

Standing overhead lateral pass

Inchworm roll out/back

Trunk rotations ball btwn knees

11. Kettle bell swings walk forward/back

LOWER LEG CIRCUIT

BAREFOOT CIRCUIT

Race-walk sideline btwn each (100m). Perform leg exercise across end-zone (50m), Repeat circuit as time allows.

1. Toes up, turned out

2. Toes up, turned in

3. Heels up, turned in

4. Heels up, turned out

5. Heel-to-toe walk

STADIUM STEP CIRCUIT

Power walk up and down stadium steps btwn each exercise. Repeat circuit as time allows.

60-second right-leg toe taps

60-second left-leg toe taps

20 x right-side hip-sag gluteal squeeze

20 x left-side hip-sag gluteal squeeze

20 x right-side single-leg squat taps 20 x left-side single-leg squat taps 10 x double-leg heel lower-to-raise (inversion/extension)

WEIGHT CIRCUIT ROUTINE (wks 6-10) PHASE 2

2-3 circuits: MAX weight & speed for power! Focus on POWER (maximal force in minimal time) with concentric contractions. Focus on resistance with eccentric contractions! In other words, lift explosively and

GENERAL STRENGTH CIRCUIT

A1. -8 x pull-ups

A2. -8 x bar dips

A3. -2 x 8 x single-leg squats-to-run pose (box)

B1. -60-second running arms (dumbbells)

B2. -8 x push-up rows (dumbbells)

B3. -8 x lunge-press to single-leg run pose, alternate sides (dumbbells)

C1. -10 x prone hip matrix: knee drive / side raises / gluteal lifts (band)

L<mark>EG STRENGTH</mark> CIRCUIT

-8 x one-arm squat high-pull (dumbbell)

-8 x kettle-bell swing -8 x double-leg down-up box jumps (boxes)

STRETCH CIRCUIT ROUTINE

1. Triceps (elbow behind head)

2. Shoulder (pull arm in front) 3. Oblique/IT band (standing leg crossover, side reach over head)

4. Hamstring (standing crossover reach)

5. Quad (standing, pull ankle away from same side gluteal)

6. Upper calf (standing, straight leg) 7. Lower calf (standing, bent leg) 8. Groin/quad (forward lunge, ankle to

gluteal) 9. Groin/hamstring (lateral lunge)

10. Quad (hip thrust, knee down) 11. IT band (lunge/shin to ground)

12. IT band/gluteal (ankle on knee, sag hips)

13. Hamstring (sit modified hurdle)

14. Groin (butterfly sit) 15. Hips/back (corkscrew sit)

16. Gluteal/hip (corkscrew sit/ knee to chest)

G-S-M ROUTINE

10 x Sway-back/Cat-back

10 x Lateral abductor leg-raise (invert-

ed/neutral/out) 10 x Lateral adductor leg-raise (invert-

ed/neutral/out)

10 x Scorpion

10 x Donkey whip 10 x Fire hydrant

10 x Single-leg bridge thrust

COUGAR TRACK & FIELD

2024 SPRING SEASON DT SCHEDULE

MONDAY through SATURDAY team practice attendance is mandatory.

PHASE 3

PERFORMANCE WARM-UP (wks 11-15) PHASE 3

CORE CIRCUIT

-90 sec. Pelé matrix (partner) -90 sec. sit-up push back (partner) -90 sec. strait-leg scoops (partner) -90 sec. leg-lift circles (partner)

MOBILITY CIRCUIT

2 x 20m forward skips w/ arm swing 2 x 20m lateral shuffle w/ arm swing 2 x 20m lateral crossover-reach back

300m BAREFOOT run (turf lap)

20 sec. lateral leg swings 20 sec. linear leg swings

300m BAREFOOT run (turf lap)

2 x 20m forward rotary run 2 x 20m forward quick step 4 x 12 wicket strides

MEDIUM warm-up run -time indicated on training calendar (10-25min).

PERFORMANCE COOL-DN (wks 11-15) PHASE 3

MEDIUM cool-down run -time indicated on training calendar (10-25min).

A CIRCUIT in quad: 2 x stadium-step single leg hops 20 x triceps dips 20 x body-weight rows

B CIRCUIT on turf

2 x 10 push-up lateral hops 2 x 10 split-lunge hops

STRETCH CIRCUIT

FITNESS WARM-UP (wks 11-15) PHASE 3

CORE CIRCUIT

-3 x 40 sec, plank matrix

-60 sec. V-ups

-60 sec. chest lifts w/ lateral reach

-60 sec. push-up position bird dogs -60 sec. alternate single-leg full lift

GSM CIRCUIT

10 x Sway-back/Cat-back

10 x Lateral abductor leg-raise

10 x Lateral adductor leg-raise

10 x Scorpion

10 x Donkey whip

10 x Fire hydrant

BAREFOOT RECOMMENDED

40m btwn, 60 seconds each.

Jog Variation Between Each:

-360 jog x 2 -lateral shuffle x 2

-lateral crossover x 2

-lateral saddle swing x 2

-20m inchworms

-20m walking pillar dips

-20m walking leg swings -60 sec. hip/trunk rotations

-60 sec. inverted splits

-60 sec. inverted scissors

-60 sec. chest eagles

-60 sec. back eagles

-20m backward prisoner-lunge twist

4 x 12 wicket strides

LADDER DRILLS

1. Forward double-leg "hop scotch"

Forward double-leg "slalom"
 Forward double-leg "snake"

4. Forward half-step (x2)

5. Forward quick-step

6. Lateral quick-step

7. Lateral shuffle-step
8. Lateral "x-country" switch-step

9. Forward "icky shuffle"

10. Forward "speed skater"

MORNING FITNESS ROUTINE

BAREFOOT RECOMMENDED

20m btwn. 60 seconds each.

SWISS BALL SIDE:

Down-plank tuck pike

Supine drop push

Down-plank alternate lateral leg

Left-oblique crunch twist

Right-oblique crunch twist

Supine ball pass

Down-plank left-leg lift

Down-plank right-leg lift

Supine leg-lift lateral sweep

Back extension, arms straight, alternate reach

Trunk rotations, ball btwn ankles

MEDICINE BALL SIDE:

Around the world, ball overhead

Speed skater squats

Suitcase press

Left-leg pillar clock bounce

Right-leg pillar clock bounce

Straight-arm reverse circles Lateral standing overhead toss

Squat jump press

Inchworm bounce out/back

10. Standing knee lift straight arm twist

11. Kettle bell swings walk forward/back

LOWER LEG CIRCUIT

BAREFOOT CIRCUIT

Race-walk sideline btwn each (100m). Perform leg exercise across end-zone (50m). Repeat circuit as time allows.

1. Toes up, turned out

2. Toes up, turned in

3. Heels up, turned in

4. Heels up, turned out

5. Heel-to-toe walk

STADIUM STEP CIRCUIT

Power walk up and down stadium steps btwn each exercise. Repeat circuit as time allows.

60-second right-leg toe taps

60-second left-leg toe taps

20 x right-side hip-sag gluteal squeeze

20 x left-side hip-sag gluteal squeeze 20 x right-side single-leg squat taps

20 x left-side single-leg squat taps

10 x double-leg heel lower-to-raise (inversion/extension)

WEIGHT CIRCUIT ROUTINE (wks 11-15) PHASE 3

2-3 circuits: MAX weight & speed for power! Focus on POWER (maximal force in minimal time) with concentric contractions Focus on resistance with

GENERAL STRENGTH CIRCUIT

A1. -60-second running arms (dumbbells)

A2. -8 x push-up rows (dumbbells)

A3. -2 x 30m resistance-run (band/partner)

B1. -8 x pull-ups

B2. -8 x bar dips

B3. -8 x double-leg squat-press to single-leg run pose, alternating sides (dumbbells)

LEG STRENGTH CIRCUIT

1. -2 x 8 x double-leg lateral hops (green hurdles)

2. -8 x double-leg jump up to single-leg run pose, alternating sides (box)

STRETCH CIRCUIT ROUTINE

1 Tricens (elbow behind head)

2. Shoulder (pull arm in front) 3. Oblique/IT band (standing leg crossover, side reach over head)

4. Hamstring (standing crossover reach)

5. Quad (standing, pull ankle away from same side gluteal)

6. Upper calf (standing, straight leg) 7. Lower calf (standing, bent leg) 8. Groin/quad (forward lunge, ankle to

gluteal)

9. Groin/hamstring (lateral lunge) 10. Quad (hip thrust, knee down)

11. IT band (lunge/shin to ground) 12. IT band/gluteal (ankle on knee, sag hips)

13. Hamstring (sit modified hurdle)

14. Groin (butterfly sit)

15. Hips/back (corkscrew sit)

16. Gluteal/hip (corkscrew sit/ knee to chest)

G-S-M ROUTINE

10 x Sway-back/Cat-back

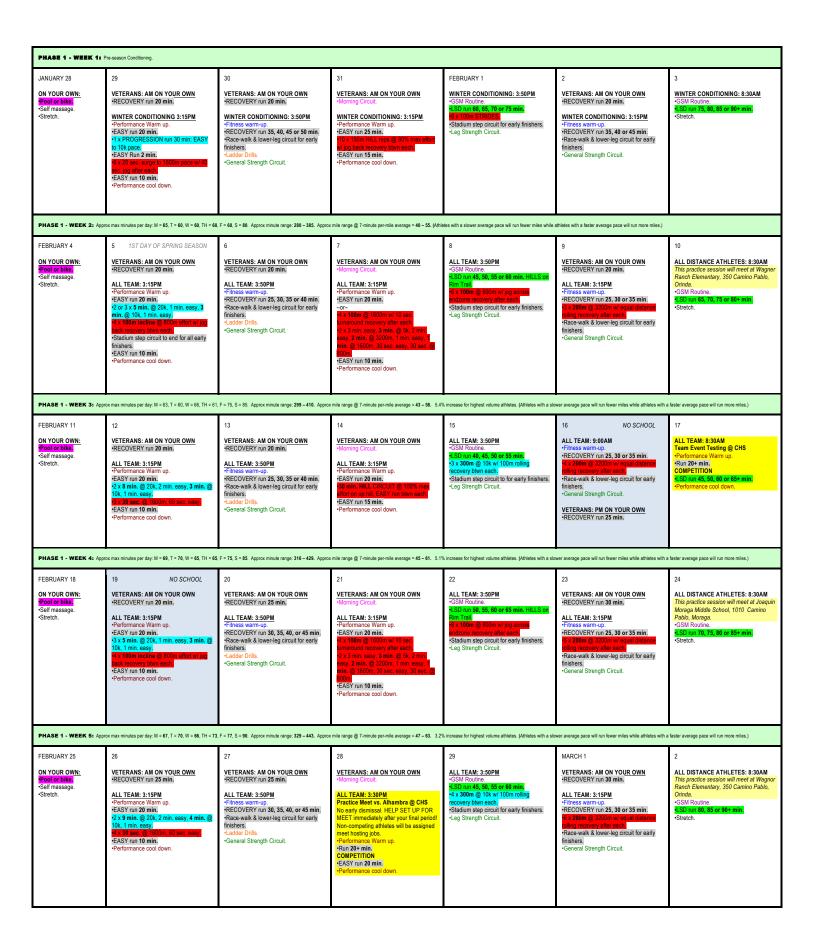
10 x Lateral abductor leg-raise (inverted/neutral/out)

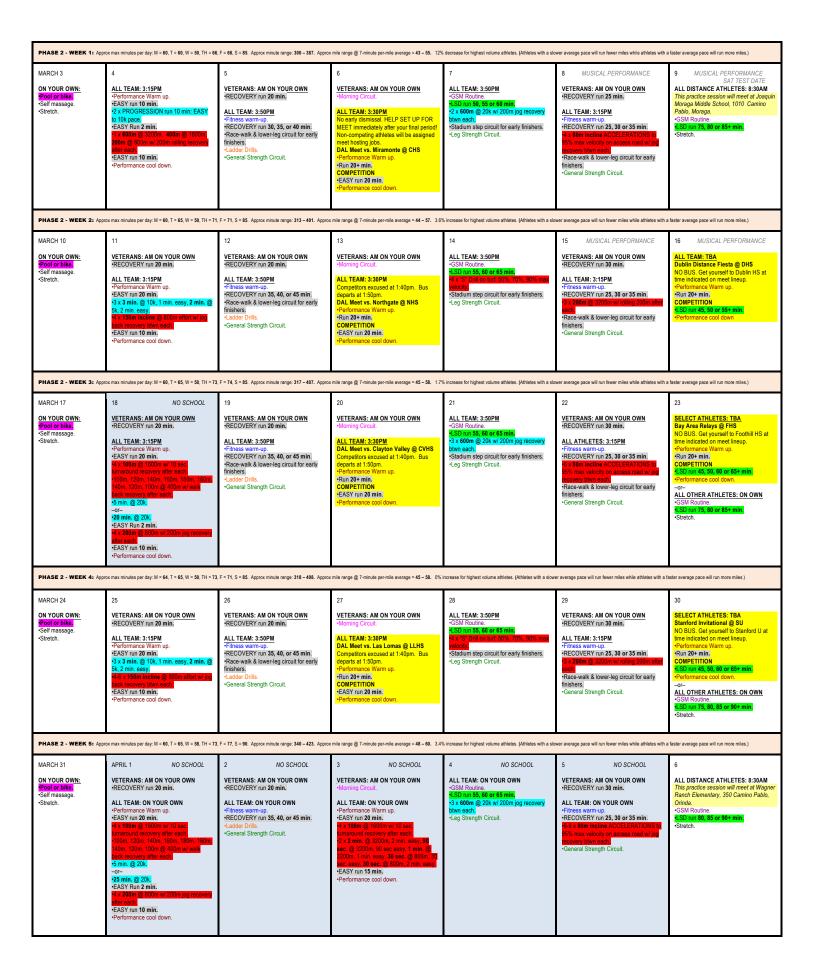
10 x Lateral adductor leg-raise (inverted/neutral/out)

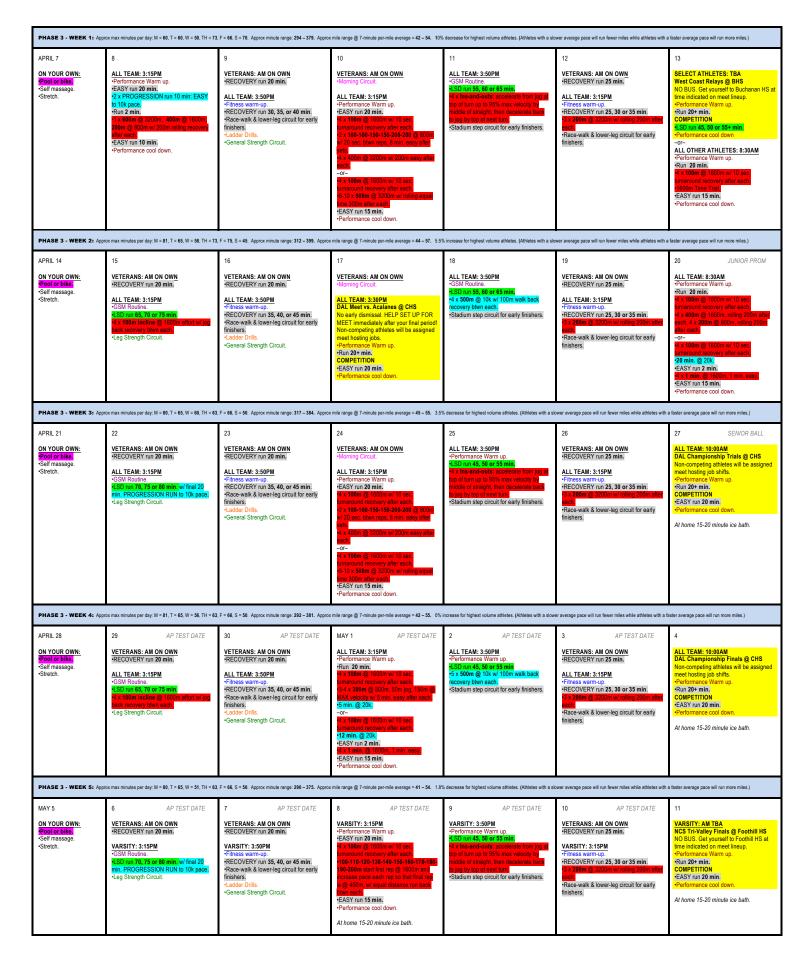
10 x Scorpion

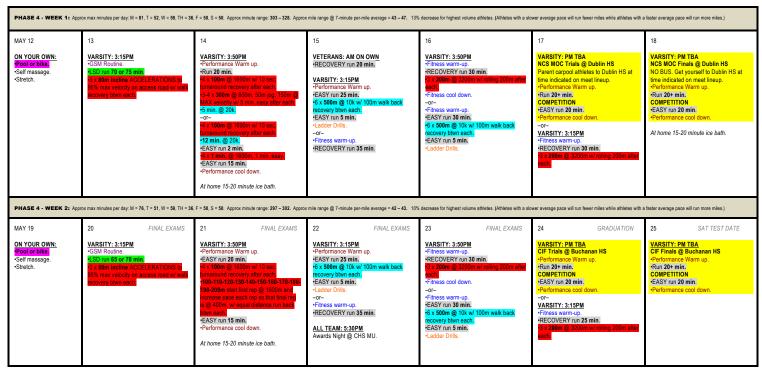
10 x Donkey whip

10 x Fire hydrant 20 x Bridge-thrust marching









MONDAY through SATURDAY team practice attendance is mandatory. Schedule conflicts with competition and/or daily practice must be discussed face-to-face with coaches well in advance.

VOLUME RECOMMENDATIONS:

Veteran AM core circuits on Mondays and Wednesdays are recommended for 2nd, 3rd and 4th-year athletes.

Veteran AM runs on Tuesdays and Fridays are recommended for 3rd & 4th-year athletes who have maintained a consistent training progression over the previous 12 months.

Time and repetition ranges are noted for several workout sessions. When 4 separate run times are indicated, it is recommended that 1st-year athletes choose the shortest duration, 2nd-year athletes choose the next longest duration, and so on. When only 3 run times are indicated, it is recommended that 1st-year athletes choose the shortest duration, 2nd-year athletes choose the next longest duration, and 3rd & 4th-year athletes choose the longest duration. When a range of repetitions is indicated, it is recommended that 1st-year athletes do the fewest repetitions, 2nd-year athletes do 1 additional repetition, and 3rd & 4th-year athletes do the most repetitions.

PACE EXPLANATIONS:

PRE: Perceived Rate of Exertion. We will often discuss training paces using a scale from 1-10, with 1 being walking effort and 10 being maximal sprint effort.

RECOVERY: PRE = 3.5; This is approximately 2 minutes slower per mile than 5k date pace. For example, an athlete with a 5k date pace of 6 minutes per mile should run at a velocity of about 8 minutes per mile for RECOVERY effort. These runs can range in length from 25 to 50 minutes. The objective of a RECOVERY run is to provide gentle aerobic stimuli with minimal musculo-skeletal stress in order to promote optimal tissue repair. While "jogging" is often synonymous with careless, mechanically inefficient movement patters, RECOVERY pace running should be conducted with mindful mechanical efficiency in order to reinforce optimal movement patterns.

EASY: PRE = 3-4; This is similar to RECOVERY run effort. EASY pace running is used prior to, following, and/or in between higher intensity efforts like workout segments or races. Preceding a workout or race, athletes should begin at a PRE of 3 and gradually increase effort to a 4 over the course of the proscribed run time. Following or in between higher intensity efforts, athletes should begin at a PRE of 4 and either maintain or gradually reduce effort to a 3 over the course of the proscribed run time. Note: While "jogging" is often synonymous with careless, mechanically inefficient movement patters, EASY pace running should be conducted with mindful mechanical efficiency in order to reinforce optimal movement patterns.

LSD: PRE = 4.5; This is aerobic development pace, slightly higher in intensity than RECOVERY and EASY effort running. The purpose of Long Sustained Distance running of 40 to 90 minutes in duration is to stimulate adaptive response in various aerobic pathways, including cardio-vascular power and efficiency, mitochondrial density and efficiency, metabolic efficiency, muscle fiber size, and fatigue resistance. Given that the largest energy contribution comes from the aerobic system for races of 800m or longer, LSD paced running is the cornerstone of distance training. Extending the length of the Long Sustained Paced run over the course of the season and over the course of the high school career is essential for reaching endurance performance potential.

20k: PRE = 6; Often called "threshold" effort, this pace is about 30 seconds per mile slower than 5k date pace. It should be the fastest pace you can sustain for about a half-marathon (13 miles). This is the running effort at which the aerobic system is no longer able to supply the necessary energy to sustain the pace. This effort level creeps just beyond the "aerobic threshold", the point at which lactate acid levels in the blood stream begin to increase. 20k paced running should feel "comfortably quick", allowing maintenance of breathing rhythm and sustained mental focus. Only slightly faster than LSD pace, you should be able to sustain 20k pace with only slightly more effort and recover from it quickly. In segmented training, a rest interval of 1 minute should be sufficient. Training at this pace promotes improved lactate recycling and fatigue buffering. These adaptations allow you to sustain faster paces for longer durations.

10k: PRE = 7; Known to some as "critical velocity" (CV), this pace is about 15 seconds per mile slower than 5k date pace. 10k effort is approximately 90% of 5k effort and often used for training segments of 3 minutes in duration with relatively short recovery. Training at this pace is optimal for increasing the oxidative capacity of type II muscle fibers and improving stamina at higher velocities. This velocity is particularly beneficial due to the high adaptive stimulus with relatively low musculoskeletal stress.

5k: PRE = 8; This pace is approaching the VO2max window, wherein sustained effort becomes noticeably more difficult. Training at this pace stimulates adaptive response to the various pathways responsible for oxygen utilization and mechanical efficiency with more significant stress on the musculoskeletal system.

3200m, 1600m & 800m: PRE = 8.5-9.5; VO2max pace and sub-VO2max pace training. These training efforts are useful for reaching potential oxygen utilization capacity as well as developing and optimizing neuromuscular pathways, running economy, and power. In addition, training at these race paces is critical for developing race-pace awareness and race-specific mental endurance. These paces are most stressful to the musculoskeletal system and therefore account for the smallest fraction of total volume over the training cycle.