

TTH FASTEST IN THE UNITED STATES IN 2018-19 I 11TH FASTEST IN THE WORLD IN 2018-19
A気

## 400M SUCCESS

- 2016: Ashland University PR 3:17.69. Only broke 3:20 one time
- 2018: Ashland University PR 3:07.66 NCAA DII National Champs
- 10 second drop in 2 seasons
- 3 freshman and 1 junior on the relay
- 2 freshman split 46 point in 2018
- Junior 44 point split
- Last guy only broke 50 once in his HS career, split 48.0 frosh



## 400M SUCCESS

- TOP GUYS IN THE LAST 5 Seasons
- Derrick Morgan, Indiana University
- Made the NCAA DI Regional Meet

- Previous Collegiate PR of 47.65
- 1 season w/ Ed Bethea and myself 46.38
- I did NOT write his workouts, but assisted him with mindset and race strategy


## 400M SUCCESS

- Trevor Bassitt, Ashland University
- QUALIFIED for NCAA DII Championships
- 49 point $4 \times 400 \mathrm{~m}$ Split in High School
- $4 \times 400 \mathrm{~m}$ Split of 46.65 Frosh year
- Sophomore year, 400 m open this season 47.61
- NCAA DII 4x400 NCAA Champion



## 400M SUCCESS

- Channing Phillips, Ashland University
- QUALIFIED for NCAA DII Championships
- 48.59 in High School
- $4 x 400 \mathrm{~m}$ Split of 46.99 Frosh Year
- Sophomore year, 400 m open this season 47.65
- NCAA DII Championships, $10^{\text {th }}$ Place
- NCAA DII 4x400 NCAA Champion



## 400M SUCCESS

- Myles Pringle, Ashland University
- 47.30 in High School
- Freshman Year, 400 m Open 46.04
- 5x NCAA DII CHAMPION
- 2x NCAA DII National Record Holder, Indoor
- Indoor PR 45.67
- Outdoor PR 45.35
- $4 x 400 \mathrm{~m}$ Split, 44.69
- NCAA DII 4×400 NCAA Champion



- 2016
- $4 x 400 \mathrm{~m}$ PR - 3:17.69
- 2018
- $4 \times 400 \mathrm{~m}$ PR - 3:07.66

NCAA Runner-Up NCAA Champions NCAA All-Americans

## SPEED PHILOSOPHY

- Faster sprinters make faster sprinters
- Coaching Points/Goals
- HAVE fast guys in the 400 m
- Speed is the NUMBER ONE indicator of potential, know your athletes speed
- Develop their 30m Fly
- Develop their 100 m
- Develop their 200 m
- GET THEM to 200 m times that set them up for 200 m SPLIT success


## SPEED DEVELOPMENT



- Step 1:
- Warmup Drills
- Technique Drills
- If you're not coaching them then you're missing a huge opportunity, especially at the High School level.
- Improving posture
- Coordination
- Dorsi flexion
- Arm Drive
- Leg Movement

Doing JUST this will drastically improve in speed if instructed daily

Ashland Track \& Field

## Sprint Tech Warm Up:

Step Over Lunge, running arms
Reverse Walk (new)
Spiderman Walk w/ T-Reach
Walking Quad, raise opposite arm
Quick Skip
A Skip
Lateral High Knee, switch halfway Butt Kick
Fast leg Lft/Rt
Combo Drill
Combo to Sprint (40m)
2x Sprint
Dorsiflexion Day:
Step Over Lunge, running arms
Reverse Walk (new)
Walking Windmill
Walking Quad, raise opposite arm
Quick Skip
A Skip
C Skip
Double HK Carioca
Pogo Jumps
Alt. Fast Leg
4x Sprint
Step Over Lunge, running arms
Reverse Walk (new)
Leg Cradle OR Walking SLRDL
Walking Quad, raise opposite arm
Quick Skip
A Skip
Straight Leg Bound Small/Big
Bounds x3
Quick Bound into Sprint (30m)
4x Sprint

Recovery Day:
Prisoner Lunge
Spiderman Walk w/ T-Reach
Reverse Walk
Walking Windmill
Walking Quad, raise opposite arm
Zombie Walk
Zombie to Lunge
Lateral Shuffle
$4 x$ Build up, each rep faster

## SPEED DEVELOPMENT: WORKOUTS

- EVERY warmup ends with Acceleration/Sprints, coached! (video)
- Speed Workouts are 30 m - 150 m in rep length in my program
- Any longer is no longer speed
- Shortest rest in these workouts is 4 minutes, USUALLY longer to keep QUALITY and TECHNIQUE high

Coach Every Drill. Every Day.


## SPEED DEVELOPMENT: WARMUP ACCELERATIONS



## SPEED DEVELOPMENT

- SAMPLE WORKOUTS (directly from my workout sheets)
- Wall Claws, Max Velocity Drills, $3 \times 80,3 \times 60 \mathrm{~m}, 2 \times 150 \mathrm{~m} 90 \%$ walk back rest
- $3 \times 10 \mathrm{~m}$ partner pushes, $2 \times 80,2 \times 60,2 \times 30$ ( $100 \%$ but relaxation focus) $3+$ min rest, $2 \times 150$ @ 21,18
- 2x4x30m Flys, $3 \times 150$ @ 18/19, 3x150m bu, Band Exercises / Hurdle Walk Thrus
- $5 \times 30 \mathrm{~m}$ Flys, $5 \times 150 \mathrm{~m}$ @ $90 \% 4$ min rest $(18 / 20)$
- $1 \times 60 \mathrm{~m}, 50 \mathrm{~m}, 40 \mathrm{~m}, 4 \times 100$ Hand Offs or $3 \times 150 \mathrm{~m}$


## WHY AM I A SPEED BASED COACH?

- Simple. The athletes 200 m split will immediately dictate the final time.
- We MUST get the athletes to 200 m in a time that gives them a chance to hit big performances.
- Goal: first 200 m of 400 m is within .5 1.0 of athletes 200 m PR. KEY to my teaching. 21.5 guy goes out in 22.00 !
- What performances to you HOPE your athletes can hit this year?

| Time | 47.00 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| 1st 50 m | 6.39 |  |  | 1ST 100M | 11.63 |
| 2nd 50m | 5.24 | 11.63 |  | 2ND 200M | 10.76 |
| 3rd 50 m | 5.29 | 16.92 |  | 3RD 100M | 11.50 |
| 4th 50 m | 5.48 | 22.40 |  | 4TH 100M | 13.05 |
| 5th 50 m | 5.66 | 28.06 |  |  |  |
| 6th 50 m | 5.84 | 33.90 |  | 1ST 200M | 22.40 |
| 7th 50 m | 6.22 | 40.11 |  | 2ND 200M | 24.55 |
| 8th 50 m | 6.83 | 46.94 |  |  |  |
|  |  |  |  | 200M DIFF. | 2.15 |

## WHY SPEED IS KEY

## Wayde van Niekerk smashes Michael Johnson's

 400 M WORLD RECORD

| Time | 56.00 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 1st 50m | 7.62 |  | 1ST 100M | 13.86 |
| 2nd 50m | 6.24 | 13.86 | 2ND 200M | 12.82 |
| 3rd 50m | 6.30 | 20.16 | 3RD 100M | 13.70 |
| 4th 50m | 6.52 | 26.68 | 4TH 100M | 15.55 |
| 5th 50m | 6.75 | 33.43 |  |  |
| 6th 50m | 6.96 | 40.39 | 1ST 200M | 26.68 |
| 7th 50m | 7.41 | 47.80 | 2ND 200M | 29.25 |
| 8th 50m | 8.14 | 55.93 |  |  |
|  |  |  | 200M DIFF. | 2.56 |

## FINISH PHILOSOPHY

- Training to get men within 2.0 of first 200 m
- Training to get women within 3.0 of first 200 m
- Find one more gear/burst/effort
- Speed off the ground
- Fast technical arm drive
- Good posture
- Mental toughness before physical toughness
- Handle pain better than everybody else
- Attack mentality to the finish line



## FINISH PHILOSOPHY

- Design workouts to prepare athletes to finish in goal times for goal 400 m time


## FINISH PHILOSOPHY

- $4 \times 2003$ min cycle $(28 / 32)+4 \times 200 \mathrm{~m} 3$ min cycle $(28 / 32) 5$ min rest between sets, Cool Down: $3 x$ forward/reverse runs, (THIS IS EARLY SEASON/Conditioning)
- Progressive 200's - $3 \times 3 \times 200 \mathrm{~m}$ ( $\mathrm{M} 30,27,24 / W 36,33,29$ ) $1 \mathrm{~min} / 7 \mathrm{~min}$, Scissor Jumps $1 \times 26,22$
- LS: 50s/60s, 40s, 30s Run, 2 min rest, 8 min rest $2 \times 200 \mathrm{~m}$ M:24/25|W:29
- LS: $2 \times 300,200,150: 3$ min rest ( 200 pace) Scissor Jumps $2 \times 24,3 \times 150$ BU
- $3 \times 300+150 / 200 \mathrm{~m}(35 / 43) \mathrm{w} / 1: 30 \mathrm{~min}$ rest (last $100 \mathrm{~m} 13.0 / 16.0$ based on(47.50/58.00))
- $2 \times 200+2001.5$ min rest | 8 min rest (Myles 3 sets)
- FINAL PIECE: After MOST workouts, 3 technical Buildups ending at 90\% or faster through the line. Part of cool down, but KEY in getting athletes to stay sharp when fatigued. One of the MANY keys to our success!


## QUESTIONS

Coach Ernie Clark

Youtube: Ernie Clark

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Ashland University


## RACE STRATEGY

- Take control with speed
- 200 m speed to get control
- USUALLY whoever wins the 300 m mark, wins the race
- Put yourself in a position to be successful
- Finish with competitiveness, desire, training, and toughness!
- "Refuse to Lose" is much stronger than "I want to win"

