# WEBER STATE UNIVERSITY BASKETBALL



# STRENGTH AND CONDITIONING SUMMER 2013

The Pride and Success of the Weber State Wildcats will <u>NOT</u> Be Entrusted to the Timid or the Weak."

## **Contact Information**

John Henderson, MS, ATC, CSCS Head Strength and Conditioning Coach 801-920-7938 johnhenderson@weber.edu @WSU\_Strength



"There is no substitute for STRENGTH, and no excuse for the lack of it."

## Strength and Conditioning Philosophy

Our strength and conditioning program at Weber State University is designed to develop the athletes' total athletic performance capabilities. Strength and conditioning shall be conducted in a manner that plans multiple peaks throughout the athletes' competitive season as well as career. All programs will be constructed around the following list of program goals and objectives;

- All programs will be evidence based and include some form of progressive overload and periodization.
- Injury prevention.
  - o Attain optimal range of motion and flexibility for all joints and muscles.
  - Develop balanced strength and stability around joints.
  - o Train balance and proprioception.
  - Purposeful strength and flexibility training of injury prone areas in general and for specific sports.
- Athletic performance enhancement.
  - o Priority of training will be on movements, not muscles.
  - Explosive power will be developed through the use of Olympic lifts and plyometrics.
  - o Core strength lifts will include squats, dead lifts, pressing and pulling lifts in bilateral and unilateral variations.
  - o Train athletic movements/ basic motor skills
  - Develop aerobic/ anaerobic conditioning programs based on sports specific metabolic demands.
- Develop discipline, leadership, and mental toughness.
- Provide a safe, competitive, energetic and positive training environment.
- Provide education and resources on the topics of sports nutrition and recovery.
- Develop core strength using various methods and exercises. This will contribute to enhanced performance and injury prevention.
- Programs will be sequential and progressive.

# May 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Week 1			1	2 Lower Body Lift Plyometrics/ Agility	3 Upper Body Lift Movement/ Mobility Training	4
5 Week 2	6 Lower Body Lift Power Conditioning	7 Speed Training Upper Body Lift	8	9 Lower Body Lift Plyometrics/ Agility	10 Upper Body Lift Movement/ Mobility Training	11
12 Week 3	13 Lower Body Lift Power Conditioning	14 Speed Training Upper Body Lift	15	16 Lower Body Lift Plyometrics/ Agility	17 Upper Body Lift Movement/ Mobility Training	18
19 Week 4	20 Lower Body Lift Power Conditioning	21 Speed Training Upper Body Lift	22	23 Lower Body Lift Plyometrics/ Agility	24 Upper Body Lift Movement/ Mobility Training	25
<b>26</b> Week 5	27 Lower Body Lift Power Conditioning	28 Speed Training Upper Body Lift	29	30 Lower Body Lift Plyometrics/ Agility	31 Upper Body Lift Movement/ Mobility Training	

# June 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Week 5						1
2 Week 6	3 Lower Body Lift PowerConditioning	4 Upper Body Lift Speed Training	5	6 Lower Body Lift Plyometric/ Agility	7 Upper Body Lift Movement/ Mobility	8
9 Week 7	10 Lower Body Lift PowerConditioning Condition.	11 Upper Body Lift Speed Training	12	13 Lower Body Lift Plyometric/ Agility	14 Upper Body Lift Movement/ Mobility	15
16 Week 8	17 Camps Lower Body Lift PowerConditioning	18 Camps Upper Body Lift Speed Training	19 Camps	20 Camps Lower Body Lift Plyometric/ Agility	21 Camps Upper Body Lift Movement/	22
23 Week 9	24 Camps Lower Body Lift Power Condition.	25 Camps Upper Body Lift Speed Training	26 Camps	27 Camps Lower Body Lift Plyometric/ Agility	28 Camps Upper Body Lift Movement/	29
30						

# July 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Week 10	Lower Body Lift Power Conditioning	2 Speed Training Upper Body Lift	3	4 Lower Body Lift Plyometrics/ Agility	5 Upper Body Lift Movement/ Mobility Training	6
<b>7</b> Week 11	8 Lower Body Lift Power Conditioning	9 Speed Training Upper Body Lift	10	11 Lower Body Lift Plyometrics/ Agility	12 Upper Body Lift Movement/ Mobility Training	13
<b>14</b> Week 12	15 Lower Body Lift Power Conditioning	16 Speed Training Upper Body Lift	17	18 Lower Body Lift Plyometrics/ Agility	19 Upper Body Lift Movement/ Mobility Training	20
<b>21</b> Week 13	22 Lower Body Lift Power Conditioning	23 Speed Training Upper Body Lift	24	25 Lower Body Lift Plyometrics/ Agility	26 Upper Body Lift Movement/ Mobility Training	27
28 Week 14	29 Lower Body Lift Power Conditioning	30 Speed Training Upper Body Lift	31			

# August 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Week 15				1 Lower Body Lift Plyometrics/ Agility	2 Upper Body Lift Movement/ Mobility Training	3
<b>4</b> Week 16	5 Lower Body Lift Power Conditioning	6 Speed Training Upper Body Lift	7	8 Lower Body Lift Plyometrics/ Agility	9 Upper Body Lift Movement/ Mobility Training	10
11	12 Lower Body Lift Power Conditioning	13 Speed Training Upper Body Lift	14	15 Lower Body Lift Plyometrics/ Agility	16 Upper Body Lift Movement/ Mobility Training	17
18	19 Lower Body Lift Power Conditioning	20 Speed Training Upper Body Lift	21	22 Lower Body Lift Plyometrics/ Agility	23 Upper Body Lift Movement/ Mobility Training	24
25	26 School Starts	27	28	29	30	31

	Monday	29-Apr		6-May		13-Jun		20-May	
	EXERCISES	WEEK 1	Wt	WEEK 2	Wt.	WEEK 3	Wt.	WEEK 4	Wt.
	Warm-Up/ Prehab		ALPHABET	3X EACH A	NKLE				
	Clean Pull	3x6	85%PC	3x6	85%PC	4x5	90%PC	4x5	90%PC
	Squat (box or bench at 90)	3x10	75%	3x10	75%	4x8	80%	4x8	80%
W.	Sumo Deadlift	3x10		3x10		3x8		3x8	
CORE	Walking Lunge	3x12 steps		3x12 steps		3x10 steps		3x10 steps	
AND (	Lateral Step Up	3x12 each		3x12 each		3x10 each		3x10 each	
AN .	Calf Raises	3x20		3x20		3x20		3x20	
JUF	Heel Raises on Step	3x20		3x20		3x20		3x20	
\RN	(elevate toes, up on to heels)								
×									
DYNAMIC WARMUP	Running/Conditioning								
NAľ	Power Conditioning	WEEK 1		Week 2		Week 3		Week 4	
אַן		Stretch		Stretch		Stretch		Stretch	

	Tuesday								
	EXERCISES	WEEK 1	Wt	WEEK 2	Wt.	WEEK 3	Wt.	WEEK 4	Wt.
	Warm-Up/ Prehab		THROWE	RS TEN WITH	10 LB WE	IGHTS (DB OF	R PLATE)		
	Plyo Push Up	3x8		3x8		3x8		3x8	
	3 Level DB Bench	3x6,6,6		3x5,5,5		3x4,4,4		3x4,4,4	
ш	Seated Cable Row	3x12		3x12		3x10		3x10	
AND CORE	Rolling Tricep Extensions	3x12		3x12		3x10		3x10	
<u>o</u>	Rolling Bicep Curls	3x12		3x12		3x10		3x10	
	*Front DB Raise (*giant set all 3)	3x10		3x10		3x8		3x8	
₫	*Side DB Raise	3x10		3x10		3x8		3x8	
SS.	*Rear DB Raise	3x10		3x10		3x8		3x8	
≸	Renegade Rows with DB's	20 reps		25 reps		30 reps		35 reps	
DYNAMIC WARMUP	Running/Conditioning								
Α̈́	Speed Training	Speed		Speed		Speed		Speed	
Δ		Week 1		Week 2		Week 3	•	Week 4	

	Thursday								
	EXERCISES	WEEK 1	Wt	WEEK 2	Wt.	WEEK 3	Wt.	WEEK 4	Wt.
	Warm-Up/ Prehab		4 Way Ank	le With Ther	abands 30	x Each Way			
	Barbell Snatch+OH Squat	3x6		3x6		4x5		4x5	
	DB Squat Jump (20%BW)	3x8		3x8		3x8		3x8	
ш	Bulgarian Squat (Back Leg Elevated)	3x12 each		3x12 each		3x10 each		3x10 each	
Ö	Single Leg RDL	3x12 each		3x12 each		3x10 each		3x10 each	
0	Broad Jump	3x8		3x8		3x8		3x8	
Ā	Side Lunge	2x10 each		2x10 each		2x10 each		2x10 each	
₽	Single Leg DB Calf Raise	3x20 each		3x20 each		3x20 each		3x20 each	
8	EDT Below	Cou	nt the num	ber of sets c	ompleted. I	ncrease the i	number of	sets each we	ek.
≱	Step Ups 10x/ SB Hamstring 10x	5 minutes		5 minutes		5 minutes		5 minutes	
DYNAMIC WARMUP AND CORE	Running/Conditioning								
ΝΑΓ	Plyos/Agility	Dot Drills		Line Drills		Jump Rope	Circuit	Footladder-	-Plyos
M		Stretch		Stretch		Stretch		Stretch	

	Friday								
	EXERCISES	WEEK 1	Wt	WEEK 2	Wt.	WEEK 3	Wt.	WEEK 4	Wt.
	Warm-Up/ Prehab		PRONE I, V	V, T, W 2X10	EACH WIT	H 10 LB WE	IGHT (DB O	R PLATE)	
	Bench Press	3x10	75%	3x10	75%	4x8	80%	4x8	80%
	Pull Ups	3x Max		3x Max		4x Max		4x Max	
	Alt Incline DB Bench	3x10 each		3x10 each		3x8 each		3x8 each	
بى	Shrugs	3x10		3x10		3x8		3x8	
ő	DB Shoulder Press	3x12		3x12		3x10		3x10	
9	Single Arm DB Row	3x12		3x12		3x10		3x10	
Æ	EDT-Below	Cor	unt the num	ber of sets o	completed.	Increase the	number of	sets each w	eek.
Ę.	Seated Rows 8x/ Tate press 8x	4 minutes		5 minutes		5 minutes		6 minutes	
DYNAMIC WARMUP AND CORE									
⋛	Running/Conditioning								
€	Court Conditioning	On Court		On Court		On Court		On Court	
MAI									
<u></u>									

	Monday	27-May		3-Jun		10-Jun		17-Jun	Camp
	EXERCISES	WEEK 5	Wt	WEEK 6	Wt.	WEEK 7	Wt.	WEEK 8	Wt.
	Warm-Up/ Prehab		Barbell Hip	Mobility Circu	uit 10x Each	Position			
	Hang Clean+Front Squat	4x5+5	70%	4x5+5	70%	4x4+4	75%	4x4+4	75%
	Pause Squats (hold 1 sec. @ 90)	4x6	80%	4x6	80%	4x5	85%	4x5	85%
Ä	Hex Bar Deadlift	3x8		3x8		4x6		4x6	
AND CORE	45 degree Lunge	3x8 each		3x8 each		3x6 each		3x6 each	
Š	GHD Hamstrings	3x10		3x10		3x10		3x10	
Ā	Calf Raises	4x20		4x20		4x20		4x20	
₽	EDT	C	ount the nu	mber of sets o	ompleted. li	ncrease the nu	mber of set	s each week.	
Y.R.	Machine HS Curl 8x/ Quad Ext 8x	6 minutes		6 minutes		6 minutes		6 minutes	
⋛	(Lower quad ext slow) Inj prev.								
S	Running/Conditioning								
DYNAMIC WARMUP	Power Conditioning	Week 5		Week 6		Week 7		Week 8	
ď		Stretch		Stretch		Stretch		Stretch	

	Tuesday								
	EXERCISES	WEEK 5	Wt	WEEK 6	Wt.	WEEK 7	Wt.	WEEK 8	Wt.
	Warm-Up/ Prehab		THROWE	RS TEN WITH 1	0 LB WEIG	HTS (DB OR PL	ATE)	•	•
	Power Drop (MB Plyo Press)	3x8		3x8		4x6		4x6	
	Bench Press	4x6	85%	4x6	85%	5x5	87%	5x5	87%
ш	Reverse Band Bench (90%1RM)	2xMax Reps	85%	2x Max Reps	85%	2 x Max Reps	87%	2 x Max Reps	87%
CORE	Lat Pulldown	4x8		4x8		4x6		4x6	
2	DB Incline Bench	3x8		3x8		3x6		3x6	
AND	Bent Over Row	3x8		3x8		3x6		3x6	
5	EDT	(	Count the nu	umber of sets o	ompleted.	Increase the nu	mber of se	ts each week.	
	Barbell Curl 8x/ CG Pushup 8x	6 minutes		6 minutes		6 minutes		6 minutes	
\$									
₹	Running/Conditioning			_		<u> </u>		_	
DYIVAIVIIC WARIVIOR	Speed Training	Speed		Speed		Speed		Speed	
: د		Week 5		Week 6		Week 7		Week 8	

	Thursday								
	<b>EXERCISES</b>	WEEK 5	Wt	WEEK 6	Wt.	WEEK 7	Wt.	WEEK 8	Wt.
	Warm-Up/ Prehab	-	4 Way An	kle With Therak	bands 30x	Each Way		-	
	Clean and Jerk	4x4		4x4		5x3		5x3	
	Band Squats	3x6 80%				3x5 85%			
ш	Single Leg Press			3x6 each				3x5 each	
AND CORE	Reverse Lunge to Step Up	3x8 each		3x8 each		3x6 each		3x6 each	
0	Opposite Arm/Leg DB Dead Lift	3x8 each		3x8 each		3x6 each		3x6 each	
	Single Leg Machine Hamstring Curl	2x10 each		2x10 each		2x8 each		2x8 each	
₽	Calf Raise (Body Weight)	3x30 sec		3x30 sec		3x30 sec		3x30 sec	
AR S	Heel Raise (Body Weight)	3x30 sec		3x30 sec		3x30 sec		3x30 sec	
≱									
DYNAMIC WARMUP	Running/Conditioning								
M	Plyos/Agility	6 Cone Drills		Jump Rope C	Circuit	Dot Drills		Footladder+P	lyos
M	Mobility	Stretch		Stretch		Stretch		Stretch	

<b>EXERCISES</b>	WEEK 5	Wt	WEEK 6	Wt.	WEEK 7	Wt.	WEEK 8	Wi
Warm-Up/ Prehab	F	PRONE I, V	V, T, W 2X10 E	ACH WITH	10 LB WEIGHT	(DB OR PL	ATE)	
Incline Band Bench Press	3x8		3x8		4x6		4x6	
Cable Rope Upright Rows	3x8		3x8		4x6		4x6	
Floor Bench	4x5 90%		4x5 90%		5x4 92%		5x4 92%	
Landmine Rows	4x8		4x8		4x6		4x6	
Arnold Press	3x8		3x8		3x6		3x6	
Barbell Curls (drop set)	2x10,10,10		2x10,10,10		2x10,10,10		2x10,10,10	
Super Set With below								
CG Bench with boards (0,1,2,3,4)	2x4 per level		2x4 per level		2x4 per level		2x4 per level	
Running/Conditioning							1	
Court Conditioning	On Court		On Court		On Court		Pick-Up Durin	g Can

	Monday	24-Jun	Camp	1-Jul		8-Jul		15-Jul	
	EXERCISES	WEEK 9	Wt	WEEK 10	Wt.	WEEK 11	Wt.	WEEK 12	Wt.
	Warm-Up/ Prehab		Barbell Hip	Mobility Cir	cuit 10x Ea	ch Position			
	Power Clean	5x4	75-85%	5x4	75-85%	5x3	80-90%	5x3	80-90%
王	Back Squats			4x6	85%			5x5	87%
EI	Deadlift	4x6				5x5			
STR	Leg Press	4x6				5x5			
Š	RDL			4x6				5x5	
Ā	Side Lunges	3x8 each		3x8 each		3x6 each		3x6 each	
Į.	Bulgarian Goblet Squat	3x8 each		3x8 each		3x6 each		3x6 each	
4R	Calf Raises	3x15		3x15		3x15		3x15	
*	Heel Raises	3x15		3x15		3x15		3x15	
€	Running/Conditioning								
DYNAMIC WARMUP AND STRETCH	Power Conditioning	WEEK 9		Week 10		Week 11		Week 12	
۵		Stretch		Stretch		Stretch		Stretch	

	Tuesday								
	EXERCISES	WEEK 9	Wt	WEEK 10	Wt.	WEEK 11	Wt.	WEEK 12	Wt.
	Warm-Up/ Prehab		THROWER	S TEN WITH	10 LB WE	GHTS (DB O	R PLATE)		
	Speed Bench (Red Bands)	5x3	50%	5x3	55%	6x2	60%	6x2	60%
	Multi Grip Upright Rows	3x Max		3x Max		3x max		3x max	
щ	Skull Crushers+CG Bench	3x8+8		3x8+8		3x6+6		3x6+6	
AND CORE	EZ Bar Curls	3x8		3x8		3x6		3x6	
0	EZ Bar Upright Rows	3x8		3x8		3x6		3x6	
	DB Up In, Down Out	3x8		3x8		3x6		3x6	
ģ	DB Up Out, Down In	2x10		2x10		2x8		2x8	
AR.	EDT	Cou	unt the num	ber of sets o	ompleted. li	ncrease the	number of s	sets each we	ek.
≱	Dips 10 Reps/Shrugs 10 Reps	6 minutes		6 minutes		6 minutes		6 minutes	
DYNAMIC WARMUP	Running/Conditioning							•	
NAI	Speed Training	Speed		Speed		Speed		Speed	
≧		Week 9		Week 10		Week 11		Week 12	

	Thursday								
	EXERCISES	WEEK 9	Wt	WEEK 10	Wt.	WEEK 11	Wt.	WEEK 12	Wt.
	Warm-Up/ Prehab		4 Way Ank	le With The	rabands 30	x Each Way			
	Box Squat (on bench or box @ 90)	4x6	85%	4x6	85%	4x4	90%	4x4	90%
	Box Jump 36-42 in. (superset above)	4x6		4x6		4x6		4x6	
ш	TRXHamstrings	3x10		3x10		3x8		3x8	
AND CORE	Broad Jump (superset above)	3x6		3x6		3x6		3x6	
0	Side Lunge	3x6 each		3x6 each		3x5 each		3x5 each	
	Banded Skater Hops (superset above)	3x10		3x10		3x10		3x10	
₽	DB Hip Flexion (or 4way hip)	3x8 each		3x8 each		3x6 each		3x6 each	
-RN	Tuck Jumps (superset above)	3x6		3x6		3x6		3x6	
×									
S₩	Running/Conditioning								
DYNAMIC WARMUP	Plyos/Agility	6 Cone Dril	lls	Line Drills		Jump Rope	Circuit	Dot Drills	
DΛ	Mobility	Stretch		Stretch		Stretch		Stretch	

Friday	ı	1	ī	ı	1		1	1
<b>EXERCISES</b>	WEEK 9	Wt	WEEK 10	Wt.	WEEK 11	Wt.	WEEK 12	w
Warm-Up/ Prehab		I, W, T, W	2X10 EACH	WITH TRX	•		•	
DB Bench	4x6	85%	4x6	85%	5x5	87%	5x5	87%
Single Arm DB Row	3x6 each		3x6 each		3x5 each		3x5 each	
Incline Bench	3x6		3x6		3x4		3x4	
WG Pulldowns	3x8		3x8		3x6		3x6	
Curl To Reverse Press	2x8		2x8		2x6		2x6	
Reverse Curl to Press	2x8		2x8		2x6		2x6	
Wrist Rollers	2x		2x		3x		Зх	
	Med Ball D	rills I	Med Ball D	rills	Med Ball D	rills	Med Ball D	rills
Running/Conditioning								
Court Conditioning	Pick-Up Du	ıring Camp	On Court		On Court		On Court	
								ļ

	Monday	22-Jul		29-Jul		5-Aug		12-Aug	
	<b>EXERCISES</b>	WEEK 13	Wt	WEEK 14	Wt.	WEEK 15	Wt.	WEEK 16	Wt.
	Warm-Up/ Prehab		Barbell Hip	Mobility Circuit	10x Each F	Position			
	Power Clean	6x3	75%	6x3	75%	6x2	80-85%	6x2	85-90%
	Front Squat-Complex Below	5x4		5x4		6x3		6x3	
Ä	Squat Jump	5x5		5x5		5x6		5x6	
AND CORE	RDL	3x6		3x6		3x5		3x5	
Š	Barbell Hip Bridge	3x8		3x8		3x6		3x6	
	Side Step Up	2x8 each		2x8 each		2x6 each		2x6 each	
MUF	Calf Raise	4x12		4x12		4x12		4x12	
DYNAMIC WARMUP									
MIC	Running/Conditioning			1	I	ı	I	I	
MAI	Power Conditioning	Week 13		Week 14		Week 15		Week 16	
DY		Stretch		Stretch		Stretch		Stretch	

	Tuesday								
	<b>EXERCISES</b>	WEEK 13	Wt	WEEK 14	Wt.	WEEK 15	Wt.	WEEK 16	Wt.
	Warm-Up/ Prehab		THROWER	S TEN WITH 10	LB WEIGHT	S (DB OR PLAT	E)	•	
	Bench Clusters	5x6	90%	6x4	92.50%	7x3	95%	8x2	95-100%
	Rest Period sets/ Cluster Interval	1 min/10 sec.		90 sec/15 sec.		2 min/15 sec.		2 min/15 sec.	
ш	TRX Row with Vest	3x Max		3x Max		4x Max		4x Max	
AND CORE	Incline DB Bench	4x4		4x4		3x4		2x4	
0	Seated Row	4x6		4x6		4x5		4x5	
	Rope Tricep Extensions	3x6		3x6		3x6		3x6	
JU P	Hammer Curls	3x6		3x6		3x5		3x5	
SS.									
≶									
DYNAMIC WARMUP	Running/Conditioning		•			•			5
Ą	Speed Training								
DΑ		Week 13		Week 14		Week 15		Week 16	

	Thursday								
	<b>EXERCISES</b>	WEEK 13	Wt	WEEK 14	Wt.	WEEK 15	Wt.	WEEK 16	Wt.
	Warm-Up/ Prehab		4 Way Ank	le With Theraba	nds 30x Ea	ch Way			
	Single Arm DB Snatch	2x5 each		2x5 each		3x3 each		3x3 each	
	Squat Clusters	5x6	90%	6x4	92.50%	7x3	95%	8x2	95-100%
ш	Rest Period sets/ Cluster Interval	1 min/15 sec.		90 sec/15 sec.		2 min/15 sec.		2 min/15 sec.	
Ö	Bumper Lunges	3x6 each		3x6 each		3x5 each		4x4 each	
0	Band Lateral Slide	2x 30 feet		2x30 feet		2x 40 feet		3x30 feet	
A	Manual Hip Flexors	3x8		3x10		3x12		3x12	
ΠŪ	TRX Hamstring Circuit-below	2x10 each		2x10 each		3x8 each		3x10 each	
DYNAMIC WARMUP AND CORE		Hi	o Bridges, S	Single Leg Curls	, Double Le	g Curls			
ĕ	Running/Conditioning		•		•		•		
MAI	Plyos/Agility	Foot Ladder+F	Plyos	6 Cone Drills	•	Jump Rope Ci	rcuit	Dot Drills	
λd		Stretch		Stretch		Stretch		Stretch	

Friday								
<b>EXERCISES</b>	WEEK 13	Wt	WEEK 14	Wt.	WEEK 15	Wt.	WEEK 16	Wi
Warm-Up/ Prehab		I, W, T, W	2X10 EACH WITH	I TRX				
DB Incline Bench	4x5		4x5		5x4		6x4	
Standing Cable Row	4x6		4x6		4x6		4x6	
Stability Bench with KB Hang	3x8		3x8		3x6		3x6	
RG Pulldown	3x8		3x8		3x6		3x6	
OH DB Triceps	3x8		3x8		3x6		3x6	
Incline DB Curls	3x8		3x8		3x6		3x6	
6 Way Shoulder	2x10		2x10		2x8		3x8	
	Med Ball Drills	1	Med Ball Drills		Med Ball Drills		Med Ball Drills	
Running/Conditioning		<u> </u>						
Court Conditioning	On Court		On Court		On Court		On Court	

MAX	97.5%	95.0%	92.5%	90.0%	87.5%	85.0%	82.5%	80.0%	77.5%	75.0%	72.5%	70.0%	67.5%	65.0%	62.5%	60.0%	57.5%	55.0%	52.5%	50.0%
400	390	380	370	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200
395	385	375	365	356	346	336	326	316	306	296	286	277	267	257	247	237	227	217	207	198
390	380	371	361	351	341	332	322	312	302	293	283	273	263	254	244	234	224	215	205	195
385	375	366	356	347	337	327	318	308	298	289	279	270	260	250	241	231	221	212	202	193
380	371	361	352	342	333	323	314	304	295	285	276	266	257	247	238	228	219	209	200	190
375	366	356	347	338	328	319	309	300	291	281	272	263	253	244	234	225	216	206	197	188
370	361	352	342	333	324	315	305	296	287	278	268	259	250	241	231	222	213	204	194	185
365	356	347	338	329	319	310	301	292	283	274	265	256	246	237	228	219	210	201	192	183
360	351	342	333	324	315	306	297	288	279	270	261	252	243	234	225	216	207	198	189	180
355	346	337	328	320	311	302	293	284	275	266	257	249	240	231	222	213	204	195	186	178
350	341	333	324	315	306	298	289	280	271	263	254	245	236	228	219	210	201	193	184	175
345	336	328	319	311	302	293	285	276	267	259	250	242	233	224	216	207	198	190	181	173
340	332	323	315	306	298	289	281	272	264	255	247	238	230	221	213	204	196	187	179	170
335	327	318	310	302	293	285	276	268	260	251	243	235	226	218	209	201	193	184	176	168
330	322	314	305	297	289	281	272	264	256	248	239	231	223	215	206	198	190	182	173	165
325	317	309	301	293	284	276	268	260	252	244	236	228	219	211	203	195	187	179	171	163
320	312	304	296	288	280	272	264	256	248	240	232	224	216	208	200	192	184	176	168	160
315	307	299	291	284	276	268	260	252	244	236	228	221	213	205	197	189	181	173	165	158
310	302	295	287	279	271	264	256	248	240	233	225	217	209	202	194	186	178	171	163	155
305	297	290	282	275	267	259	252	244	236	229	221	214	206	198	191	183	175	168	160	153
300	293	285	278	270	263	255	248	240	233	225	218	210	203	195	188	180	173	165	158	150
295	288	280	273	266	258	251	243	236	229	221	214	207	199	192	184	177	170	162	155	148
290	283	276	268	261	254	247	239	232	225	218	210	203	196	189	181	174	167	160	152	145
285	278	271	264	257	249	242	235	228	221	214	207	200	192	185	178	171	164	157	150	143
280	273	266	259	252	245	238	231	224	217	210	203	196	189	182	175	168	161	154	147	140
275	268	261	254	248	241	234	227	220	213	206	199	193	186	179	172	165	158	151	144	138
270	263	257	250	243	236	230	223	216	209	203	196	189	182	176	169	162	155	149	142	135
265	258	252	245	239	232	225	219	212	205	199	192	186	179	172	166	159	152	146	139	133
260	254	247	241	234	228	221	215	208	202	195	189	182	176	169	163	156	150	143	137	130
255	249	242	236	230	223	217	210	204	198	191	185	179	172	166	159	153	147	140	134	128

MAX	97.5%	95.0%	92.5%	90.0%	87.5%	85.0%	82.5%	80.0%	77.5%	75.0%	72.5%	70.0%	67.5%	65.0%	62.5%	60.0%	57.5%	55.0%	52.5%	50.0%
250	244	238	231	225	219	213	206	200	194	188	181	175	169	163	156	150	144	138	131	125
245	239	233	227	221	214	208	202	196	190	184	178	172	165	159	153	147	141	135	129	123
240	234	228	222	216	210	204	198	192	186	180	174	168	162	156	150	144	138	132	126	120
235	229	223	217	212	206	200	194	188	182	176	170	165	159	153	147	141	135	129	123	118
230	224	219	213	207	201	196	190	184	178	173	167	161	155	150	144	138	132	127	121	115
225	219	214	208	203	197	191	186	180	174	169	163	158	152	146	141	135	129	124	118	113
220	215	209	204	198	193	187	182	176	171	165	160	154	149	143	138	132	127	121	116	110
215	210	204	199	194	188	183	177	172	167	161	156	151	145	140	134	129	124	118	113	108
210	205	200	194	189	184	179	173	168	163	158	152	147	142	137	131	126	121	116	110	105
205	200	195	190	185	179	174	169	164	159	154	149	144	138	133	128	123	118	113	108	103
200	195	190	185	180	175	170	165	160	155	150	145	140	135	130	125	120	115	110	105	100
195	190	185	180	176	171	166	161	156	151	146	141	137	132	127	122	117	112	107	102	98
190	185	181	176	171	166	162	157	152	147	143	138	133	128	124	119	114	109	105	100	95
185	180	176	171	167	162	157	153	148	143	139	134	130	125	120	116	111	106	102	97	93
180	176	171	167	162	158	153	149	144	140	135	131	126	122	117	113	108	104	99	95	90
175	171	166	162	158	153	149	144	140	136	131	127	123	118	114	109	105	101	96	92	88
170	166	162	157	153	149	145	140	136	132	128	123	119	115	111	106	102	98	94	89	85
165	161	157	153	149	144	140	136	132	128	124	120	116	111	107	103	99	95	91	87	83
160	156	152	148	144	140	136	132	128	124	120	116	112	108	104	100	96	92	88	84	80
155	151	147	143	140	136	132	128	124	120	116	112	109	105	101	97	93	89	85	81	78
150	146	143	139	135	131	128	124	120	116	113	109	105	101	98	94	90	86	83	79	75
145	141	138	134	131	127	123	120	116	112	109	105	102	98	94	91	87	83	80	76	73
140	137	133	130	126	123	119	116	112	109	105	102	98	95	91	88	84	81	77	74	70
135	132	128	125	122	118	115	111	108	105	101	98	95	91	88	84	81	78	74	71	68
130	127	124	120	117	114	111	107	104	101	98	94	91	88	85	81	78	75	72	68	65
125	122	119	116	113	109	106	103	100	97	94	91	88	84	81	78	75	72	69	66	63
120	117	114	111	108	105	102	99	96	93	90	87	84	81	78	75	72	70	68	67	65
115	112	109	106	104	101	98	95	92	89	86	83	81	78	75	72	69	67	66	64	62
110	107	105	102	99	96	94	91	88	85	83	80	77	74	72	69	66	64	63	61	59
105	102	100	97	95	92	89	87	84	81	79	76	74	71	68	66	63	61	60	58	57
100	98	95	93	90	88	85	83	80	78	75	73	70	68	65	63	60	59	57	56	54

## **Core Progression**

#### Week 1

Full Sit-Ups 3x20 Supermen 3x30 seconds Side Crunches 2x20 each side

#### Week 2

Crunches 3x25
Russian Twist with 25 lb. plate 2x30 seconds
Back extensions on Stability Ball 3x25

#### Week 3

25 lb. plate Sit-Ups with Punch 3x20 25 lb. plate Toe Touches 3x30 seconds Jackknife 2x25

#### Week 4

Little Bigs 3x20 Toe Touches 3x20 Russian Twist 25 lb. 3x30 seconds. Supermen 3x30 seconds

#### Week 5

Full Sit-Ups 3x20 Supermen 3x30 seconds Side Crunches 2x20 each side

#### Week 6

Crunches 3x30 Russian Twist with 35 lb. plate 2x30 seconds Back extensions on Stability Ball 3x25

#### Week 7

35 lb. plate Sit-Ups with Punch 3x20 35 lb. plate Toe Touches 3x30 seconds Jackknife 2x25

#### Week 8

Little Bigs 3x20 Toe Touches 3x20 Russian Twist 25 lb. 3x30 seconds. Supermen 3x30 seconds

#### Week 9

Crunches 4x30 Russian Twist with 35 lb. plate 2x30 seconds Back extensions on Stability Ball 3x25

#### Week 10

45 lb. plate Sit-Ups with Punch 3x20 45 lb. plate Toe Touches 3x30 seconds Jackknife 2x25

#### Week 11

Little Bigs 3x20 Toe Touches 3x20 Russian Twist 35 lb. 3x30 seconds. Supermen 3x30 seconds

#### Week 12

45 lb. plate Sit-Ups with Punch 3x20 45 lb. plate Toe Touches 3x30 seconds Jackknife 2x25

#### Week 13

Little Bigs 3x20 Toe Touches 3x20 Russian Twist 25 lb. 3x30 seconds. Supermen 4x30 seconds

#### Week 14

Crunches 4x30 Russian Twist with 45 lb. plate 2x30 seconds Back extensions on Stability Ball 3x25

#### Week 15

Crunches 4x30 Russian Twist with 45 lb. plate 2x30 seconds Back extensions on Stability Ball 4x25

#### Week 16

45 lb. plate Sit-Ups with Punch 3x25 45 lb. plate Toe Touches 3x30 seconds Jackknife 2x30 Planks 1x30 seconds front, side, side.

### **Barbell Mobility**

### **Front Hip Flexion**

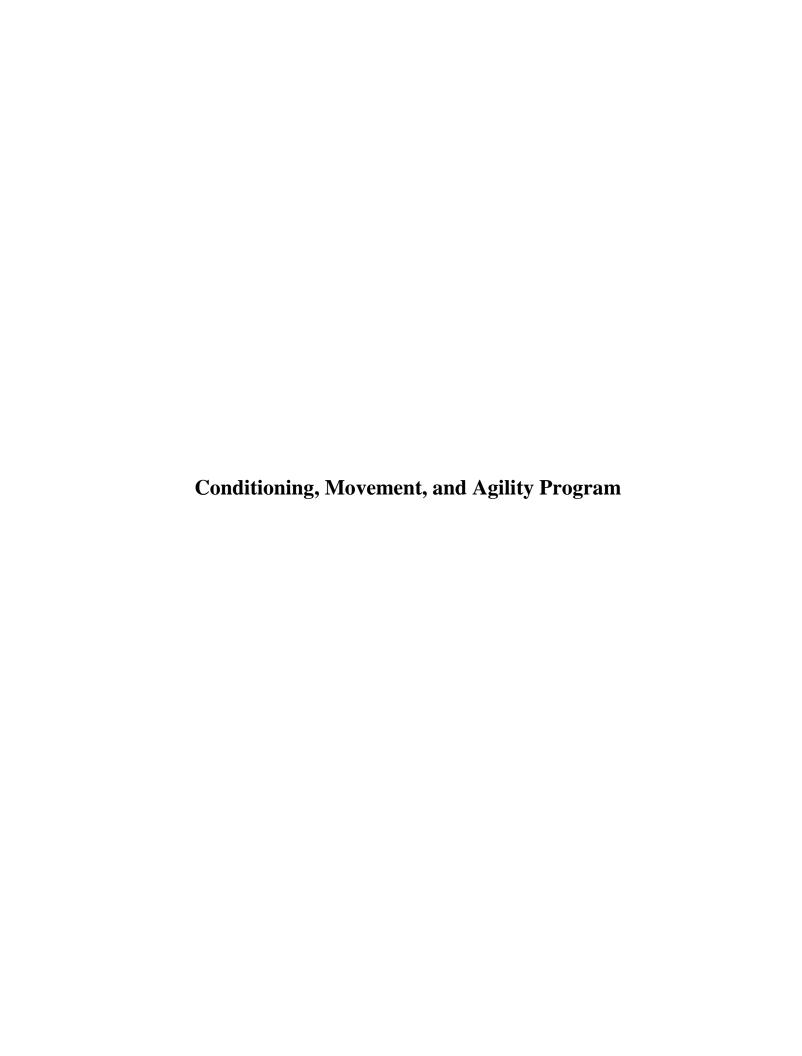
Set bar at knee level. Standing with toes just in front of bar, elevate one leg and lift it over the bar in front of you. Keep toes pointed up and straight forward until heel lightly touches the floor over the bar. Bring leg back over to the starting position. Repeat this drill 10 times on each leg.

## Side to Side Hip Flexion

Stand sideways next to bar and perform same drill moving laterally over the bar and back with both legs. Keep toes pointing up and straight forward throughout the drill.

### Lateral Duck Unders

Set the bar at chest level just under the lowest point of you sternum. Stand sideways next to the bar. Lower your body and reach across and under the bar with your leg. Bend at the knees until you are doing a side lunge at the lowest point and transfer your weight to the other leg. Stand up on other side of the bar. Repeat opposite direction returning to the start position. Perform this drill over and back 10 times.



## **Dynamic Warm Up For Basketball**

Perform this dynamic warm-up prior to lifting weights or conditioning

#### Begin on baseline.

Jog 1/2 court and back

Perform the following dynamic stretches out to the 3 point line extended and jog back.

#### 1. Lunge with Instep.

Lunge forward and bend down placing you elbow on the instep of the forward foot. Twist torso around and reach for the ceiling with opposite arm.

#### 2. Sumo Stretch (Saigon Squat)

Squat down with feet wider than shoulder width apart. Place elbow against the inside of your knees and press out, stretching the adductors of the hips.

#### 3. High Knee Pull/Shin Hug (up on toes)

Raise leg high in front and hug knee towards your chest. Simultaneously elevate up onto your toe. Repeat on other leg for prescribed distance.

#### 4. Quad Pull and Reach (same arm / leg stretch)

Bend knee until heel of foot comes close to contacting backside. Pull foot with same side hand while reaching as high as possible toward the ceiling with the opposite hand.

#### 5. Defensive Slide Low and Slow Left

In a good defensive stance, slide to your left slowly. Emphasize a long stride and stretch of the hips. Attempt to maintain a lower than defensive position for the entire drill.

#### 6. Defensive Slide Low and Slow Right

In a good defensive stance, slide to your right slowly. Emphasize a long stride and stretch of the hips. Attempt to maintain a lower than defensive position for the entire drill.

#### 7. Zombies/ Golf Ball Pick Up

Kick leg up in front toward both outstretched arms. Then bend down as if to pick up a golf ball from the floor with both arms. While bending down towards the floor, elevate the same kicking leg behind you. Repeat on the opposite side. Progress down court for the prescribed distance.

#### 8. Spiderman Stretch to foul line extended.

Walk out on both hands and feet. Bring one leg up past your elbow. Sink hips down as low as possible to stretch the hip. Walk hands out in front until body is completely stretched to starting

position. Repeat on the opposite side, Continue drill down court in a "Spiderman" crawling method.

#### Perform the next set of drills to ½ court.

#### 1. Butt Kickers- Jog Back

Jog down court attempting to kick yourself in the backside with each step. Pump the arms in sprinting fashion with each step.

#### 2. High Knee Jog-Sprint Back

Jog down court attempting to drive the knee up higher than waist level on each step. Work on good arm action and explosive forward knee drive.

#### 3. High Knee Carioca Left- High Knee Carioca Right Back

Side shuffle down the court crossing your trail leg in front of your body and then behind your body alternating each step. Drive the knee up high with each step that crosses in front of the body. Focus on rotating the hips with each step and maintain squared shoulders.

#### 4. Zig Zag Defensive slide-Sprint Back.

Take three defensive slides to the left and then to the right alternating down the court.

#### 5. Sprint to foul line and closeout. Left slide back.

Finish each sprint with a hard closeout, chopping your feet. Turn and slide back to the starting position.

#### 6. Sprint to foul line and closeout. Right slide back.

Finish each sprint with a hard closeout, chopping your feet. Turn and slide back to the starting position

# **Power Conditioning**

Week	Drill	Reps/Distance	Rest Interval
1	Stride	2x100 yards	30 seconds
	Stride	2x80 yards	30 seconds
	Sprint	12x60 yards	60 Seconds
2	Stride	2x100 yards	30 seconds
	Stride	2x80 yards	30 seconds
	Sprint	12x40 yards	30 seconds
3	Stride	2x100 yards	30 seconds
	Stride	2x80 yards	30 seconds
	Sprint	2x60 yards	30 seconds
	Sprint	2x40 yards	30 seconds
	Sprint	2x20 yards	30 seconds
	Sprint	2x10 yards	30 seconds
	Sprint	2x20 yards	30 seconds
	Sprint	2x40 yards	30 seconds
	Sprint	2x60 yards	30 Seconds
4	Stride	2x100 yards	20 seconds
	Stride	2x80 yards	20 seconds
	Sprint	12x60 yards	45 Seconds
5	Stride	2x100 yards	20 seconds
	Stride	2x80 yards	20 seconds
	Sprint	12x40 yards	20 seconds
6	Stride	2x100 yards	20 seconds
	Stride	2x80 yards	20 seconds
	Sprint	2x60 yards	20 seconds
	Sprint	2x40 yards	20 seconds
	Sprint	2x20 yards	20 seconds
	Sprint	2x10 yards	20 seconds
	Sprint	2x20 yards	20 seconds
	Sprint	2x40 yards	20 seconds
	Sprint	2x60 yards	20 seconds

Week	Drill	Reps/Distance	Rest Interval
7	Stride	3x100 yards	30 seconds
	Stride	3x80 yards	30 seconds
	Sprint	12x60 yards	40 Seconds
8	Stride	3x100 yards	30 seconds
	Stride	3x80 yards	30 seconds
	Sprint	12x40 yards	30 seconds
9	Stride	2x100 yards	20 seconds
	Stride	2x80 yards	20 seconds
	Sprint	3x60 yards	20 seconds
	Sprint	3x40 yards	20 seconds
	Sprint	3x20 yards	20 seconds
	Sprint	3x10 yards	20 seconds
	Sprint	3x20 yards	20 seconds
	Sprint	3x40 yards	20 seconds
	Sprint	3x60 yards	20 seconds
10	Stride	3x100 yards	20 seconds
	Stride	3x80 yards	20 seconds
	Sprint	12x60 yards	35 Seconds
11	Stride	3x100 yards	20 seconds
	Stride	3x80 yards	20 seconds
	Sprint	12x40 yards	20 seconds
12	Stride	3x100 yards	20 seconds
	Stride	3x80 yards	20 seconds
	Sprint	3x60 yards	20 seconds
	Sprint	3x40 yards	20 seconds
	Sprint	3x20 yards	20 seconds
	Sprint	3x10 yards	20 seconds
	Sprint	3x20 yards	20 seconds
	Sprint	3x40 yards	20 seconds
	Sprint	3x60 yards	20 seconds

Week	Drill	Reps/Distance	Rest Interval
13	Stride	3x100 yards	20 seconds
	Stride	3x80 yards	20 seconds
	Sprint	12x60 yards	30 Seconds
14	Stride	3x100 yards	30 seconds
	Stride	3x80 yards	20 seconds
	Sprint	12x40 yards	20 seconds
15	Stride	2x100 yards	20 seconds
	Stride	2x80 yards	20 seconds
	Sprint	3x60 yards	20 seconds
	Sprint	3x40 yards	20 seconds
	Sprint	3x20 yards	20 seconds
	Sprint	5x10 yards	20 seconds
	Sprint	3x20 yards	20 seconds
	Sprint	3x40 yards	20 seconds
	Sprint	3x60 yards	20 seconds
16	Stride	3x100 yards	20 seconds
	Stride	3x80 yards	20 seconds
	Sprint	3x60 yards	20 seconds
	Sprint	3x40 yards	20 seconds
	Sprint	3x20 yards	20 seconds
	Sprint	5x10 yards	20 seconds
	Sprint	3x20 yards	20 seconds
	Sprint	3x40 yards	20 seconds
	Sprint	3x60 yards	20 seconds

Stride=75% Run Sprint= Full Speed Effort

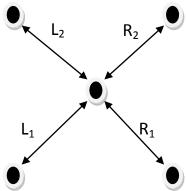
## **Speed Training Progression**

Perform dynamic warm up prior to beginning speed training progression.

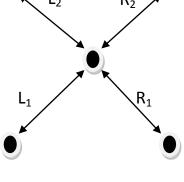
Week 1	Week 7	Week 12		
Seated arm swings 2x30 seconds	Prowler Sprints 90lbs 2x30 yards	Prowler Sprints 180lbs 2x20 yards. Full recovery		
Falling Starts 4x10 yards.	Sprints 5x20 yards (40 sec rest)			
Push up starts 4x10 yards	Week 8	Sprints 6x20 yards (45-60 sec rest)		
Buildups 4x40 yards. Rest 30 seconds	Seated arm swings 2x30 seconds	Week 13		
Week 2	Resisted Sprint (sled or partner tote) 4x15	Bounding 4x20 yards  Sprint 4x20 yards		
Hill sprints 4 x 25 yards	yards.			
High knee hill sprints 2x25 yards	Falling Starts 5x15 yards. Rest 30 seconds	Sprint 4x30 yards		
Week 3	Buildup 5x40 yards. Rest 30 seconds	Back pedal butt kickers 4x20 yards		
Resisted Sprint (sled or partner tote) 5x10	Week 9	Full speed back pedal sprint 4x20 yards		
yards	Resisted sprint (10 yards) and release (20	Week 14		
Falling Starts 4x10 yards. Rest 30 seconds	yards) 4x30	Partner Totes 5x15 Yards		
Buildup 4x40 yards. Rest 30 seconds	Resisted High Knee Sprints 4x15 yards	Bounding 5x20 Yards		
Week 4	Stadium Sprints skipping every other step to the top. 4x top	Flying 20s 4 Reps (jog 10, sprint 20, jog 10)		
Hill Sprints 6x20 yards	Week 10	Week 15		
High knee hill sprints 3x20	High Knee (10 yards) to sprint (20 yards)	Bounding 4x20 yards		
Week 5	4x30. Rest 30 seconds	Sprint 4x20 yards		
Seated arm swings 2x30 seconds	Butt kickers (10 yards) to sprint (20 yards) 4x30. Rest 30 seconds	Sprint 4x30 yards		
Resisted Sprint (sled or partner tote) 5x10 yards	Back pedal (10 yards) to sprint (20 yards) 4x30. Rest 30 seconds	Back pedal butt kickers 4x20 yards		
Falling Starts 6x10 yards	Week 11	Week 16		
Buildup 5x40 yards	Hill Sprints 6x20 yards. Rest 45 seconds.	Weight Vest Stadium Sprints 6 Reps to		
Week 6	High knee hill sprints 4x20	Step 20		
Hill Sprints 6x20 yards. Rest 45 seconds.	Back pedal hill sprints 3x20			

High knee hill sprints 4x20

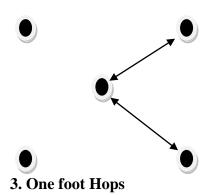
## **Dot Drills**

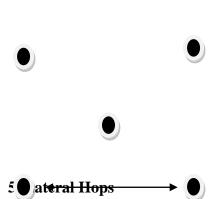


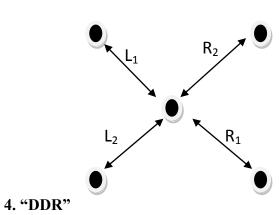


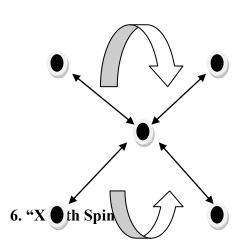












#### **Dot Drills**

These drills are to be performed on the dot drill mats for 20 each. If a dot mat is not available, place 5 pieces of tape on the floor with a two foot spacing from the center dot to the outside corners. Focus on quickness and accuracy.

#### 1. "X"

Start with feet apart at the bottom of the mat. Hop to the middle dot with feet together. Then hop to the top two dots with feet apart. Then hop backwards in the same pattern. Face the same direction the whole time.

#### 2. "Hour Glass"

Begin with your feet together at the bottom right, hop to the middle, then the top right, hop across to the top left dot, back to the middle, then to the bottom left dot, and then back to the beginning. Face the same direction the whole time, and keep your feet together the whole time.

#### 3. One Foot Hops

For the right foot only use the right side of the mat and for the left foot only the left side. Begin at the bottom of dot of the mat, hop to the middle, then to the top, and back in the same pattern. Face the same direction the whole time.

#### 4. Dance Dance Revolution "DDR"

Start with your feet together on the middle dot, jump to the opposing corners with your feet apart, return to the middle, and then switch to the other corners. Make sure you face the same direction the whole time.

#### 5. Lateral Hops

Feet together facing the same direction the whole time, jump side to side between the two dots that are farther apart.

#### 6. "X" with Spin

Repeat the steps in exercise 1, but include a 180 degree turn at the top and bottom of the mat.

#### On Court

## **Movement/ Mobility Training**

Week 1	Week 1-2	Week 3-4	Week 5-6	Week 7-8	Week 9-10	Week 11-12	Week 13-14	Week 14-15
			1x	1x	1x	2x	2x	2x
		1x10	2x10	2x10	2x10	3x10	3x10	3x10
		1x10	2x10	3x10	2x10	3x10	3x10	3x10
	1x	1x	1x	1x	1x	2x	2x	2x
1x	1x	1x	1x	1x	1x	2x	2x	2x
1x	1x	1x	1x	1x	1x	2x	2x	2x
1x	1x	1x	1x	1x	1x	2x	2x	2x
1x	1x	1x	1x	2x	2x	3x	3x	3x
2x10	2x10	2x10	2x10	2x10	2x10	3x10	3x10	3x10
1x	1x	1x	1x	1x	1x	2x	2x	2x
	1x 1x 1x 1x 1x 2x10	1x 1	1x10       1x10       1x10       1x     1x       2x10     2x10	1x       1x10     2x10       1x10     2x10       1x10     2x10       1x     1x     1x       2x10     2x10     2x10	1x     1x       1x10     2x10       2x10     2x10       1x10     2x10       3x10       1x     1x       2x10     2x10       2x10     2x10	1x     1x     1x       1x10     2x10     2x10     2x10       1x10     2x10     3x10     2x10       1x     1x     1x     1x     1x       1x     1x     1x     1x     2x       2x10     2x10     2x10     2x10     2x10	1x     1x     1x     2x       1x10     2x10     2x10     2x10     3x10       1x10     2x10     3x10     2x10     3x10       1x     1x     1x     1x     1x     2x       1x     1x     1x     2x     2x     3x       2x10     2x10     2x10     2x10     2x10     3x10	1x     1x     1x     1x     2x     2x       1x10     2x10     2x10     2x10     3x10     3x10       1x10     2x10     3x10     2x10     3x10     3x10       1x     1x     1x     1x     1x     2x     2x       2x10     2x10     2x10     2x10     2x10     3x10     3x10

#### **NBA Lane Agility**

Starting on Left Elbow, Sprint forward along lane line, Lateral slide across baseline to opposite lane line. Backpedal down lane line to right elbow. Lateral Slide to starting point. Touch the elbow with your and and retrace drill in reverse. This is performed full speed all the way around and back.

This is counted as 1 rep.

#### **Block to Block Touches**

Sprint back and forth touching the blocks with hand on each turn full speed for prescribed reps.

#### **Block to Block Touches with jump**

Same as block to block touches. Instead of touching block with hand, perform two full height jumps at each turn.

#### **Hour Glass Drill**

Using the Lane as a guideline, sprint forward along lane line. Defensive slide diagonal across lane to baseline.

Sprint forward again up opposite lane line. Defensive slide across the lane to the original starting position.

Each full hourglass run counts as rep.

#### **Lateral Slide Suicide**

Lateral slide full speed from the sideline to lane line. Return to start position. Repeat slide to opposite lane line. Repeat slide to opposite sideline. Return to start position. Each time through counts as 1 rep.

#### **Half Court Circle Sprint**

Sprint around the circle and back to start. This counts as 1 full rep.

#### **Half Court Circle Slide**

Trace circle full speed sliding laterally and return to start opposite direction.

#### **Half Court Circle Back Pedal**

Trace circle full speed in a controlled back pedal and return to start opposite direction.

#### **Elbow Dunk Elbow Dunk- Tennis Ball**

Begin on one elbow. Drive to basket and dunk tennis ball.

Pick up tennis ball and sprint to opposite elbow. Repeat drill on each side.

Each dunk counts as one rep.

#### **Medicine Ball Drills**

See page in manual

## **Jump Rope Circuit**

Perform each of the	following dr	rills for 2 sets of 30 s	seconds as quick and	accurate as possible.
remonineach of the	TOHOWING UL	1118 TOL Z SELS OL DU S	seconds as duick and	accurate as possible.

- 1. Quick Skips
- 2. High Skips
- 3. Alternating Left Foot, Right Foot Skips
- 4. "W" Skips
- 5. Quick, Quick, High Skip
- 6. Side to Side Skips
- 7. Forward Backward Skips
- 8. Double Under Skips

Talent is never enough. With few exceptions the best players are the hardest workers. ~ Magic Johnson

## **Line Drills**

Perform each of the following drills for 2 sets of 20 seconds each as fast as possible over a line (free throw line).

- 1. Both Feet Forward/ Backward
- 2. Left Only Forward/ Backward
- 3. Right Only Forward/ Backward
- 4. Both Feet Side to Side
- 5. Left Only Side to Side
- 6. Right Only Side to Side
- 7. Type Writers over the Line Lead Left
- 8. Type Writers over the Line Lead Right

"When you go to war, you go to kill, not to be killed"

Louis Simmons

(World Champion Power Lifter- Westside Barbell)

## **Foot Ladder**

## + Basketball Specific Box Plyometric Drills

Perform each of these drills as fast as possible with great accuracy. Following each drill, burst out of the ladder to a cone placed 5 yards away and closeout. Complete each drill 2x through.

- 1. Left foot through quick hop.
- 2. Right foot through quick hop.
- 3. Double leg hops high as possible.
- 4. High Knee Run 2 feet each hole.
- 5. Ickey Shuffle
- 6. Hop Scotch
- 7. Two in, two out each hole.
- 8. Quick feet facing left.
- 9. Quick feet facing right.
- 10. Ski slalom quick as possible.
- 11. Ski slalom high as possible.
- 12. Single leg snake right-hop into ladder and out opposite side snaking upward through ladder.
- 13. Single leg snake left-hop into ladder and out opposite side snaking upward through ladder.

On a 30-36 Inch Box Perform 1 set of 10 reps for each drill. Hold a 6-10 lb. medicine ball strong EXCEPT FOR THE EURO for safety.

- 1. Power Dribble to Hop Right
- 2. Power Dribble to Hop Left
- 3. Side Hop to Box Right
- 4. Side Hop to Box Left
- 5. Reverse Pivot Right Foot to Box
- 6. Reverse Pivot Left Foot to Box
- 7. Guards-Euro Step Left to Box
- 8. Guards- Euro Step Right to Box
- 9. Posts-Up and Under Left Foot Pivot to Box
- 10. Posts- Up and Under Right Foot Pivot to Box

### **Medicine Ball Drills**

Perform the following drills with a medicine ball or weighted basketball for 2 sets of 30 seconds each.

#### 1. Two Ball Fast Dribble

Dribble two med balls at waist level as hard and fast as possible simultaneously.

#### 2. Alt Two Ball Dribble

Dribble two med balls at waist level as hard and fast as possible in alternating fashion.

#### 3. Between Legs Crossover Dribble

Using one med ball, crossover between the legs with the dribble back and forth with no side dribble. Hop in scissor fashion with the legs to accommodate the ball passing between them.

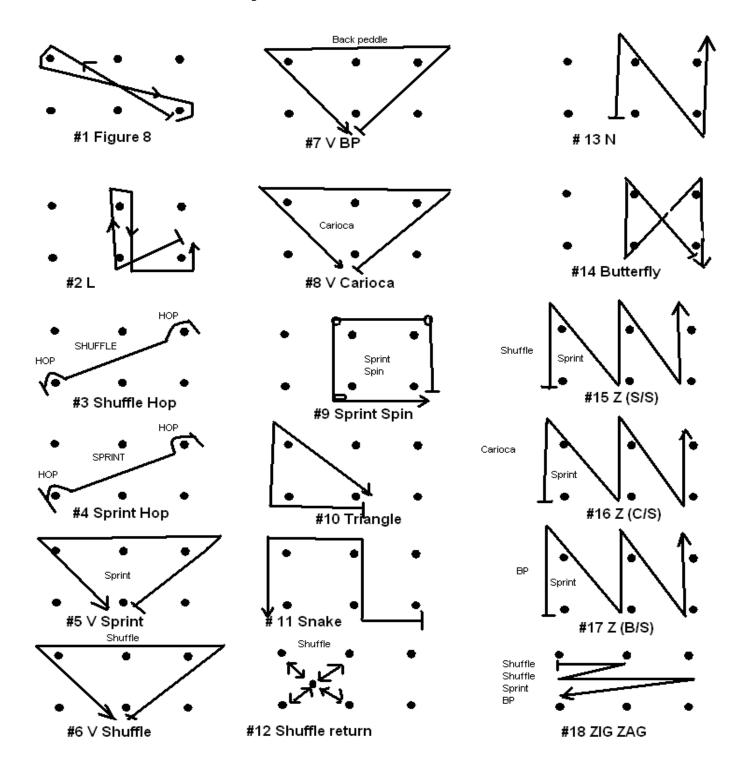
#### 4. Partner Tennis Ball Pass

While dribbling a medicine ball with one hand, have a partner pass a tennis ball to the other hand. The partner will mix up the location of the passes to increase the difficulty of the drill. Complete a set using each hand.

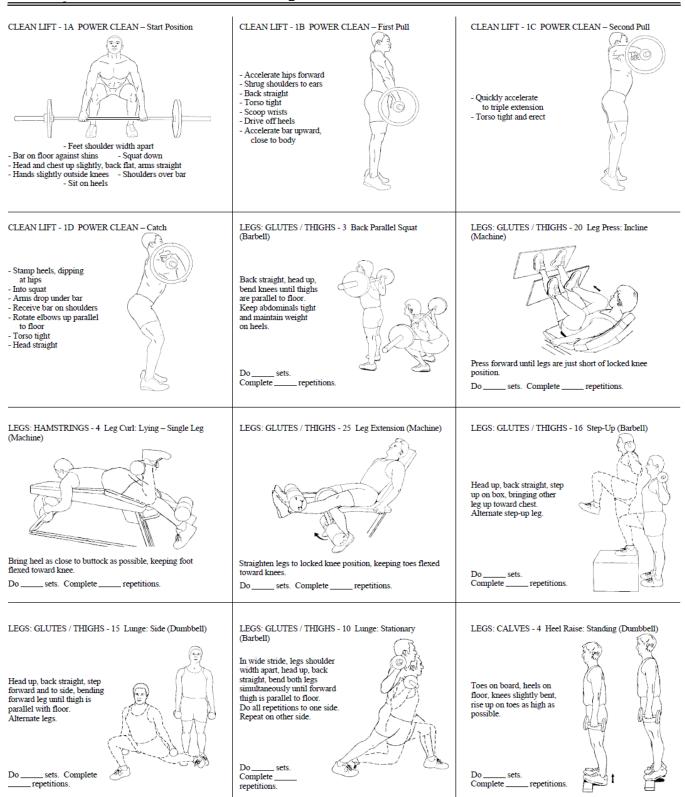
"Success always looks easy to those who weren't around when it was being earned."

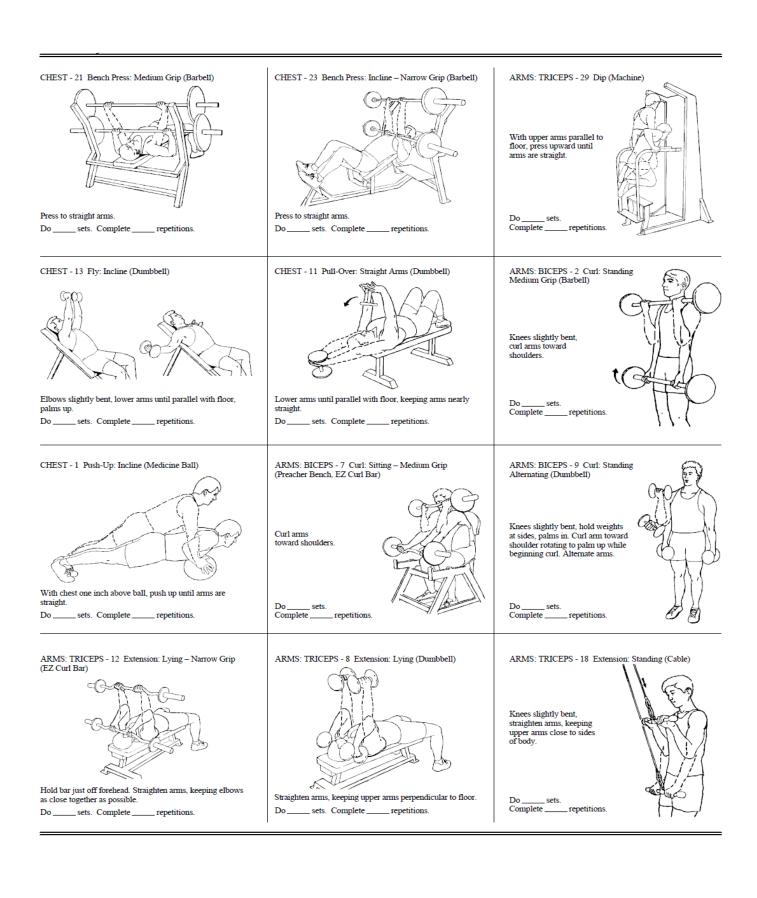
## **6 Cone Drills**

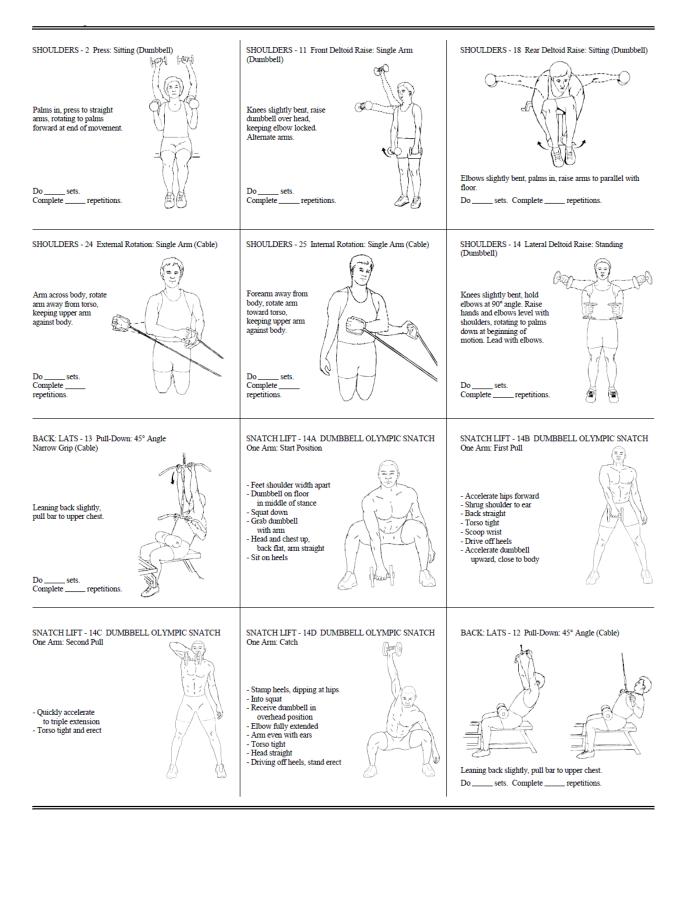
Place Cones 5 Yards Apart Complete Each Drill 2x Each Then Move to Next



## **Descriptions/Illustrations**







### **Nutrition Guide**

Nutrition is a key area that can help you to become a better athlete. Proper nutritional intake and timing are critical to maximizing lean muscle mass and minimizing fat mass. The following list provides very basic nutritional guidelines for athletes to follow. For individualized dietary assistance see John for consultation and if necessary, referral to team dietitian.

- 1. Eat Breakfast everyday! Jump start your metabolism and fuel your muscles as soon as possible.
- 2. Eat 5-6 small meals throughout the day at consistent intervals, i.e. every 2-3 hours.
- 3. Eat plenty of fruits and vegetables. (Approx 2 cups fruit, & 2 ½) vegetables per day)
- 4. Have a lean protein source with every meal.
- 5. Eat foods rich in fiber. (25-38 grams per day for women and men respectively)
- 6. Take a multivitamin.
- 7. Supplements can be helpful in some situations. See strength coach or dietitian for advice on specific supplements before starting to use them. Some useful supplements for the sport of basketball are.
  - a. Post-workout drink with protein and simple carbohydrates such as chocolate milk.
  - b. Creatine Monohydrate.
- 8. Carbohydrates. Attempt to obtain the majority of your carbohydrates from whole grain sources. (Ex. Brown rice, wheat breads and pastas, high fiber cereals) Whole grains are superior to "white" carbohydrates.
- 9. Consume between 1.5 -2.0 grams of protein for every kilogram of body weight. Example: A 200 lb athlete needs between 136 to 181 grams of protein daily.
- 10. You may eat fast foods but remember to not make a habit of it. Healthy food will make you feel and perform better. Moderation is the key to a balanced diet.

#### Before, During, and After Exercise

- 1) Consume a pre-workout drink or meal consisting of approximately 20 grams of protein approximately 20 min before working out
- 2) Sip on Powerade or other sports drink during your work out. Adding a spoonful of protein powder may increase anabolic hormone ratios during strenuous exercise.
- 3) Take 20-40 grams of protein after you work out with carbohydrates. (chocolate milk, RDT drinks)
- 4) Eat within one hour after you take your post workout shake.
- 5) Your body is composed of approx. 70% water. Drink between 80-120 ounces of water a day. \*\*\*Stay Hydrated\*\*

### **Flexibility**

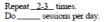
Flexibility training should be performed following all workouts to ensure proper range of motion for muscles, tendons, and ligaments in and around all of the joints of the body. Performing a dynamic warm-up like the one included in this program will properly prepare your body for activity. Finishing a workout with static stretching is the flexibility exercise that will improve range of motion and promote and maintain optimal tissue length and extensibility necessary for injury prevention.

- 1. Body temperature should be elevated before stretching. Some light activity should be performed prior to stretching so that the body temperature is elevated (the athlete should break a sweat) so that circulation to the muscles to be stretched is enhanced.
- 2. Static stretching should be performed after training. A brief dynamic warm-up session should be performed before actual training begins. The purpose of this stretching is to loosen up the muscles so that a full range of motion can be used in training, and reduce the risk of injury.
- 3. The majority of stretching for improvement of flexibility should be done immediately after training. Body and muscle temperatures are high after training and response to flexibility exercises is optimal.
- 4. Stretching should be done slowly, with a conscious effort to relax as much as possible. It is especially important to relax the muscles being stretched. Limits of range of motion should be approached slowly and when the position is attained, it should be held for two to three reps of 30 seconds.
- 5. Rapid or jerky stretching movements should always be avoided. Rapid lengthening of a muscle will initiate a reflex which produces contractions of that muscle. Contraction of a muscle that is rapidly elongating toward the limit of its range of motion can result in a strained or pulled muscle.
- 6. After stretching a muscle and holding the position, relax for about 10 second. Relaxation of the muscle following stretch will allow the blood to circulate freely, thus enhancing the stretching effect.

These general principles should be adhered to in the performance of the stretching program that follows, so that maximum benefit is obtained and injury is prevented.

ARMS - 1 Biceps

With arms straight and fingers interlaced, raise arms until stretch is felt. Hold 30 seconds.





SHOULDERS - 3 Posterior Deltoids / Rhomboids

Pull arm across chest until stretch is felt. Turn head away from pull. Hold <u>30</u> seconds. Repeat with other arm.

Repeat \_\_\_\_\_ times.
Do \_\_\_\_\_ sessions per day.



SHOULDERS - 4 Extensors



From kneeling position, slide arms forward while pushing buttocks toward floor. Hold <u>30</u> seconds.

Repeat 2-3 times. Do \_\_\_\_\_ sessions per day.

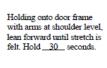
NECK - 8 Extensors / Flexors / Side Benders



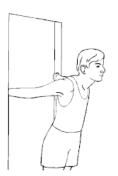
From sitting position with back straight, slowly roll head in a

Repeat 10 times. Do sessions per day.

CHEST - 3 Pectorals



Repeat <u>2-3</u> times. Do \_\_\_\_\_ sessions per day.



GROIN - 3 Thigh Adductors

Grasping feet with hands and bending from hips, gently pull forward until stretch is felt. Hold 30 seconds.



Repeat <u>2-3</u> times.
Do <u>sessions per day.</u>

GROIN - 6 Thigh Adductors



With legs apart, slide hands forward until stretch is felt. Hold  $\underline{\phantom{0}30\phantom{0}}$  seconds.

Repeat 2-3 times. Do \_\_\_\_\_ sessions per day.

HAMSTRINGS - 3 Head to Knee



With hands on ankle, pull head toward knee and hold 30 seconds. Repeat with other leg.

Repeat 2-3 times. Do \_\_\_\_\_ sessions per day.

HIP OBLIQUE - 10 External Rotators



With left leg over right, bring right ann over left leg. Push left leg across body until stretch is felt. Turn head over left shoulder. Hold <u>30</u> seconds. Repeat with other side.

Repeat 2-3 times. Do \_\_\_\_\_ sessions per day.

LOWER LEG - 7 Soleus

Keep back leg slightly bent, with heel on floor. Lean into wall until a stretch is felt in calf. Hold 30 seconds. Repeat with other leg.

Repeat <u>2-3</u> times.
Do <u>sessions per day.</u>



LOWER LEG - 8 Gastroc

Keeping back leg straight, with heel on floor and turned slightly outward, lean into wall until a stretch is felt in calf. Hold 30 seconds. Repeat with other leg.

Repeat <u>2-3</u> times. Do <u>sessions per day.</u>



UPPER LEG - 1 Quadriceps



Lying on stomach with thighs together, gently pull ankle toward buttocks until stretch is felt. Hold 30 seconds. Repeat with other ankle.

Repeat 2-3 times. Do \_\_\_\_\_ sessions per day.