



## ORIENTEERING COURSE

In orienteering you use compass bearings and distances to locate a series of checkpoints. You follow the route that will help you find all the checkpoints and get to the finish line. On the easy (orange) course each checkpoint is marked to help you find the way. The difficult red course is not marked on the map and the posts are not in numerical order. Follow the sequence and write in the post #'s as you go. Check the answer key after completing the course

The courses can be used for recreation, orienteering practice, or BSA Orienteering/ Rank Advancement.

## STEPS TO ORIENTEERING

To successfully orienteer you will need to complete the following steps.

1. Obtain a map and a compass.
2. Determine your pace.
3. Orient the map to the land.
4. Determine where you are on the map and where you want to go.
5. Determine the direction (compass direction) between the two points and the distance.
6. Using the compass, walk in the direction found in step five, counting your paces to determine the distance.

After completing the RED course scratch here to check your post #'s.

**Answer Key:** 1, 2, 4, 3, 9, 8, 7, 5, 6, 0, 6, 1



### Environmental Education Center

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(NE corner of Chandler Heights and Lindsay roads)



[chandleraz.gov/eec](http://chandleraz.gov/eec)

# Veterans Oasis ORIENTEERING COURSE

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## ABOUT THE PARK

Veterans Oasis Park covers 113 acres and features both lush wetland and arid habitat suitable for the diverse plants and wildlife of the Sonoran Desert. This “non-traditional” facility capitalizes on the divergent and plentiful outdoor recreation opportunities at the site created by the park land, lake, and wetlands/groundwater recharge basins. The park also includes 4½ miles of trails, wildlife viewing areas, ramadas and picnic areas.

## ORANGE COURSE | EASY

Orienteering Post	Heading (Magnetic)	Distance (feet)
1 (start)	100°	100
2	69°	350
3	5°	258
4	312°	345
5	16°	376
6	67°	301
7	52°	220
8	100°	232
9	165°	351
10	176°	310
11	332°	132
12	Finish	

Distance: 0.6 miles

The first two orienteering posts will help you find a pace. The distance between them is 100 ft. Walk with your normal gait between the two posts and count the number of steps/paces you take. Do this in both directions multiple times until you get a consistent number. When you have this divide 100 by your number to find how long your step/pace is.

Example: It takes me 23 paces to travel 100 ft. So I divide 100 by 23 and get about 2.5 feet per step. Using this number, now you can figure the number of paces needed to travel between the orienteering posts.

## RED COURSE | DIFFICULT <sup>1</sup>

Control Sequence	Heading (Magnetic)	Distance (feet)	Record Post #
1 (start)	103°	100	1
2	75°	380	2
3	155°	543	
4	213°	583	
5	90°	1005	
6	1°	240	
7	355°	1435	
8	276°	590	
9	253°	266	
10	280°	444	
11	170°	956	

Distance: 1.3 miles

After completing the RED course check your answers on the back of this brochure.

<sup>1</sup> The red course is not marked on the map so that participants must rely on orienteering skills alone.

