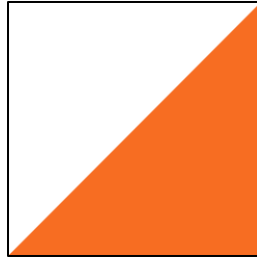


## Orienteering Course Description



1. Beginning at the Waterwise Garden sign, head towards bearing  $92^\circ$  for 145 feet to the entrance of the Multi-use Trail bridge.
2. Cross the bridge to the trails and from the end bear  $21^\circ$  for 291 feet. This one may be slightly shielded from view, so look beyond the tree line.
3. Go  $33^\circ$  for 762 feet, passing a pine tree with an injury.
4. Go  $164^\circ$  for 711 feet to a post by a downed tree.
5. From here let's head  $88^\circ$  for 668 feet to a post by the stream bed a tree with a hollow base.
6. Go  $160^\circ$  for 273 feet by the bridge.
7. Cross the bridge and from the end of it go  $67^\circ$  for 368 feet.
8. Bear  $261^\circ$  for 273' and search for another one near the stream.
9. Set your compass for  $345^\circ$  and walk 317' to another bridge and point.
10. Cross the bridge and head  $211^\circ$  for 806' to a pine tree with an owl box. This path is very hilly and has lots of obstacles, don't despair if you go off course. Look for the point East of the homesite.
11. Go  $282^\circ$  for 186 feet to the historic homesite tree.
12. Go  $320^\circ$  through the woods to a fallen white oak 425 feet away.
13. Go  $280^\circ$  for 503 feet to the road and the final point on a roadside post.
14. Back to the start.

### Tips:

- Metal or magnetic objects close to the needle may throw off the compass.
- You may run into issues with distance accuracy when traveling over rough/uneven terrain. Distances calculated today may vary, only constant practice will give someone an accurate step distance number. There is also a certain amount of error with the tools used to collect and calculate distances and degrees.
- **Use caution** when traveling through wooded areas and up steep hills. You may have to go around fallen debris, estimate the distance you would have traveled through the debris path, and re-check your bearing on the other side.
- **Some parts of the course cross multi-use trails where bikes may be traveling at high rates of speed-cross as you would a street**
- **Poison ivy** is not just shiny leaves of three, it can also look like a hairy vine crawling up a tree 😊 Be sure to keep your distance!
- **The main park road is south to south west of the course in case you get too far off track.**
- If you are lost you can reach Charlie at 984-202-9840

### Determine Your Length of Step

Distance Column		Length of Step Columns			
To walk this distance:		Take this amount of steps			
		1 1/2 Feet	2 Feet	2 1/2 Feet	3 Feet
1 foot		1/2 step	1/2 step	1/2 step	1/2 step
2 feet		1 step	1 step	1 step	1/2 step
3 feet		2 steps	1 1/2 steps	1 step	1 step
4 feet		2 1/2 steps	2 steps	1 1/2 steps	1 1/2 steps
5 feet		3 steps	2 1/2 steps	2 steps	1 1/2 steps
6 feet		4 steps	3 steps	2 1/2 steps	2 steps
7 feet		5 steps	3 1/2 steps	3 steps	2 1/2 steps
8 feet		5 1/2 steps	4 steps	3 steps	2 1/2 steps
9 feet		6 steps	4 1/2 steps	3 1/2 steps	3 steps
10 feet		6 1/2 steps	5 steps	4 steps	3 steps
20 feet		13 1/2 steps	10 steps	8 steps	6 1/2 steps
30 feet		20 steps	15 steps	12 steps	10 steps
40 feet		26 1/2 steps	20 steps	16 steps	13 steps
50 feet		33 1/2 steps	25 steps	20 steps	17 steps
60 feet		40 steps	30 steps	24 steps	20 steps
70 feet		46 1/2 steps	35 steps	28 steps	25 steps
80 feet		53 1/2 steps	40 steps	32 steps	27 steps
90 feet		60 steps	45 steps	36 steps	30 steps
100 feet		66 steps	50 steps	40 steps	33 steps

Number of Steps in 200 feet	Length of Step
66-73	3 Feet
74-87	2 1/2 Feet
88-113	2 Feet
114-over	1 1/2 Feet