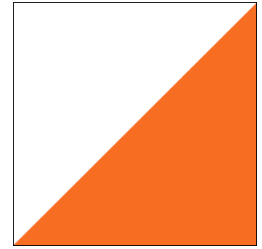


Welcome to our Orienteering Course



Orienteering is an activity that requires the participants to navigate with a map and compass through unknown terrain to find certain checkpoints marked with the orange-white orienteering symbol.

Guide for Advanced Users:

Step 1 – Gather a Compass, Protractor, Device with GPS, and a Printed copy of your course's Participant Map.

Step 2 – Find your pace count using the Pace Count set up by Kettle Run Road East Trail Head Kiosk.

Step 3 – To pace count, start at one end of the Pace Count and walk normally to the other end, counting every other step you take. Once you make it to the other end, the number of paces you took will be your pace count for 25 meters.

Step 4 – Using the GPS, plug in the coordinates and reference the Participant Map to determine which trails to take to get there.

Step 5 – Use the protractor to measure out the bearings listed between points. Put the dot in the center of your protractor on the marker you are currently at. Make sure to line up the North/South and East/West lines with the grid on your map. Then draw a straight line at the angle needed to find your next marker.

Step 6 – Using the protractor and grid, follow the drawn line and measure the line. Every half inch grid line translates to 100 meters on the trail which can be used to measure distances. When the line meets the measurement listed for that point and intersects with the trail, you will find your point.

Step 7 – Look at the trails that lead to your point, determine the best route and distance you will travel to get there. Pace count towards your point.

Step 8 – To determine the number of paces you need to take, divide your distances by 25 (since you did a pace count of 25 meters) then multiply that number by the number of paces from your pace count. The number you get in the end should be the number of paces you need to take. It may not be exact, but it should get you within 15 feet of your marker.

Step 9 – Continue the process until you complete your course.

For additional information, visit <https://blackrun.org/resources/orienteering-course/>