

## 2018 NJROTC Area 8 Orienteering Championships

### Course and map notes:

#### Map:

The Oak Mountain State Park orienteering map is in the process of being updated. The new map was created using LIDAR data. If you are not familiar with LIDAR technology, look it up with GOOGLE or YouTube. This map is far more accurate than the old map which was produced in the 1980's with many field checks and updates over the years. The new map still uses standard 5 meter contours. The 5 meter contours were produced from the LIDAR data. High resolution contour data allows for much greater accuracy in determining locations of features, especially streams and ditches. Field checking has been done over the past few weeks, especially in the areas used by all the courses. For the most part, the map looks the same as the old map, but with better accuracy.

Mapping standards have also changed since last year. Very little has changed in the mapping standards. The only significant change for this map is the mapping symbols for a rootstock. In previous years, a rootstock was shown as a brown X on the map. There is no mapping symbol for a rootstock in the new mapping standards. However, we have chosen to use a green X (special vegetation feature) to represent a rootstock on the new map. Trails crossing a stream with a bridge are shown with a black rectangle (like a building) to emphasize the crossing is a bridge.

Un-crossable dirt banks and cliffs are shown with heavy black lines. Some of these can be found in places along large streams and along roads. Yellow course may encounter some along the road in the middle of the course.

There are a few marshy areas shown on the map that you may encounter. These areas will most likely be crossable but you will probably get your feet wet. Most streams are crossable without getting wet. However, with the recent heavy rainfall, you may have to choose a suitable crossing point if you don't want to get your feet wet. Most of the larger streams have footbridges that are marked on the map. We will update everyone on the status of these areas in the morning safety briefing.

Additional restrooms have been added at the northwest end of the main parking lot and at the northwest end of the field (to the east of the main parking lot).

All orienteers will be using electronic e-punch sticks. Damaged or lost e-sticks will cost you \$40.

#### Courses:

The start location will be at the southwest end of the lake this year.

3 hour time limit on all courses. Anyone going over the 3 hour time limit will be listed as OVERTIME and disqualified.

There are many trails in the competition area. These include hiking trails, horse riding trails and mountain bike trails. All trails may be used by hikers (and orienteers). If traveling on a trail, please give way to bikes and horses. If you need to stop on a trail to look at your map, please step off the trail to minimize issues with bikes and horses. Most of the leaves have now fallen. Some of the smaller, less traveled trails may be hard to see and follow in some places. Most trails have some sort of markers on the trees that are generally pretty visible. All courses will also be crossing paved roads and parking areas. Please be careful when crossing or travelling along the road and parking areas. Most likely you will encounter bikes and/or cars while on the road and parking areas. Try to safely cross the road and parking in areas that are open where you can be seen by cars and bikes.

All Vulcan Orienteering Club controls are orange and white with a light blue line. They are all attached to a small aluminum rod with the electronic control located on top approximately 2 feet off the ground at the control location. All controls are numbered from 101 to 139. UAB ROTC also uses this same area for land navigation practice. UAB ROTC uses orange and white controls (no blue stripe) with no control

numbers and generally hung from a tree/limb about shoulder high and generally visible from a long distance. There may be some UAB ROTC controls very close to our controls. Orienteering rules state that the feature should be visible before seeing the control.

All competitors must carry a whistle for safety. If you do not have a whistle, you will not be allowed to start. We have whistles available for \$1 each.

3 whistle blasts for an emergency. Only use the whistle in a true emergency. If you cannot find your control, that is not an emergency. If you hear 3 whistle blasts, stop orienteering and respond with one long whistle blast and begin moving toward the emergency. The person with the emergency should continue 3 whistle blasts until help arrives.

No talking or collaborating while orienteering. Orienteering is an individual sport. No use of cell phones while orienteering except in an emergency.

A cell phone number for the start/finish is printed on all maps at the bottom. Call this number in case of emergency or if you are lost and have given up on competing.

There will be drinking water available at two locations on ORANGE, BROWN and GREEN courses. No drinking water available on the YELLOW course.

The YELLOW course is South and Southwest of the start/finish area/lake. If you are lost, head northeast back to start/finish.

ORANGE/BROWN/GREEN courses will circle the lake. Cross the dam only at the top using the gravel trail and footbridge. Note that the trail crossing the dam is a bike/hiking trail. Watch out for bikes while crossing the bridge.

\*\*\*\*\*

**Bib numbers must be worn on the front of the person.**  
**Bib numbers must be visible from the front while on the course.**  
**If you are wearing a jacket or sweat-shirt, it must be on the outside (not covered)**

\*\*\*\*\*

<b>Classes</b>	<b>Course</b>	<b>comment</b>
YELLOW	YELLOW	individuals
YELLOW-group	YELLOW	groups
YEL-A8-F	YELLOW	NJROTC Area 8 female
YEL-A8-M	YELLOW	NJROTC Area 8 male
ORANGE	ORANGE	individuals
ORANGE-group	ORANGE	groups
ORG-A8-F	ORANGE	NJROTC Area 8 female
ORG-A8-M	OERANGE	NJROTC Area 8
BROWN	BROWN	individuals
BROWN-group	BROWN	groups
BRW-A8-F	BROWN	NJROTC Area 8 female
GREEN	GREEN	individuals
GREEN-group	GREEN	groups
GRN-A8-M	GREEN	NJROTC Area 8 male
RED	RED	individuals
RED-group	RED	groups