

Edmonton Omnium and Keirin Technical Guide

Saturday, August 20, 2022

Location

All events will take place at the Argyll Velodrome, 6850 88 Street, Edmonton AB

Registration

All racers must have a current 2022 ABA Race License.

Register for the Omnium and Keirin on Zone 4.

Omnium: \$40.00. Keirin: \$40.00. Both Events: \$50. U15/U17 Riders: \$30

Equipment & Regulations:

This event will be run in accordance with ABA/CCC/UCI Cycling regulations. Riders are responsible for knowing and understanding these regulations. Youth category gear restrictions will be enforced.

Event Descriptions

OMNIUM

A 4-event race where final ranking is determined by accumulated points.

The winner of the Omnium is the rider who has obtained the highest total of points.

In the event of a tie in the final ranking, the places in the final sprint of the last event, the Points Race, breaks the tie.

A rider must have completed every event in the Omnium.

An omnium consists of Scratch, Tempo, Elimination, and Points races. Details of all four events are further down in this technical guide.

KEIRIN

Riders compete in a sprint after completing 2 laps behind a motorized pacer who will leave the track with 2 laps to go after exiting from Corner 4. Riders will be grouped based on a 200 m Time Trial and compete in multiple heats throughout the day.

Categories

All races are coed. Categories are self-selected, though riders may be asked to change categories at the discretion of the commissaires.

Category A: Advanced: Womens Road Cat 1/2, Mens Road Cat 1/2/3

Category B: Intermediate: Womens Road Cat 3, Mens Road Cat 3/4

Category C: Novice: Womens Road Cat 4/5, Mens Road Cat 5, U17 riders. No C category Keirin will be held.

Race Format

Omnium and Keirin events will alternate throughout the day.

Sign-On

Riders are required to sign in at least 30 minutes prior to the race start.

Schedule

| | |
|---|-------|
| Facility Opens | 08:00 |
| Sign-on and open track | 09:30 |
| 200m Time Trial (Flying 200, Keirin Seeding) Scratch Races (C, B, A) | 10:00 |
| 1 st Round Keirin (B, A) Tempo Race (C, B, A) | 11:30 |
| Lunch Break and open track | 12:30 |
| Keirin Repechages (B, A) Elimination Race (C, B, A) | 13:30 |
| Keirin Finals (B, A) Points Race (C, B, A) | 14:30 |
| Podiums | 17:00 |

Start times are subject to change, be prepared to remain at the track for most of the day.

Race Numbers

If you have already received your 2022 ABA numbers, please wear them for this race. If this is your first ABA race, you will be assigned your race numbers at sign-in. The Frame plate is NOT required for this race.



Omnium event descriptions

SCRATCH RACE

- The final placings are determined during the final sprint, taking into account laps gained.
- The last lap of the race shall be indicated by a bell.

Omnium Points

| | | | | | | | |
|---------------|-----|-----|-----|-----|------|------|-----|
| Place | 1st | 2nd | 3rd | ... | 21st | 22nd | ... |
| Omnium Points | 40 | 38 | 36 | ... | 1 | 1 | 1 |

TEMPO RACE

- The Tempo Race is a speciality in which the final placings are determined according to accumulated points won by riders during the sprints and by taking laps.
- After the first 5 laps, sprints shall be conducted every lap. After the completion of four laps, the bell will be rung to indicate the start of the sprint laps.
- The first rider in each sprint shall be awarded 1 point, including for the final sprint.
- Any rider that gains a lap on the main field is awarded 20 points.
- Any rider that loses a lap on the main field is deducted 20 points.
- Before the start, half of the riders shall be lined up along the railings, the other half lining up in single file in the sprinter's lane.

Omnium Points

| | | | | | | | |
|---------------|-----|-----|-----|-----|------|------|-----|
| Place | 1st | 2nd | 3rd | ... | 21st | 22nd | ... |
| Omnium Points | 40 | 38 | 36 | ... | 1 | 1 | 1 |

ELIMINATION RACE

- A flying start shall be taken after a neutralised lap during which the riders shall ride in a compact group at a moderate speed.
- A sprint shall be run every lap on the Argyll velodrome 333 metre track
- After each sprint the last rider, according to the position of their rear wheel on the finishing line, shall be eliminated.
- In the final lap, the winner of the final 2 riders should be decided by the front wheel first across the line.
- An eliminated rider shall leave the track immediately, failing which they shall be disqualified.

Omnium Points

| | | | | | | | |
|---------------|-----|-----|-----|-----|------|------|-----|
| Place | 1st | 2nd | 3rd | ... | 21st | 22nd | ... |
| Omnium Points | 40 | 38 | 36 | ... | 1 | 1 | 1 |

POINTS RACE

- Intermediate sprints are run off every 6 laps.
- The first rider in each sprint shall be awarded 5 points, the second 3 points, the third 2 points and the fourth one point.
- Points awarded in the last sprint after the full distance will be doubled (10 points, 6 points, 4 points, 2 points).
- Any rider that gains a lap on the main field is awarded 20 points.
- Any rider that loses a lap on the main field is deducted 20 points.
- Where two or more riders are equal on points, the places in the final sprint shall declare the winner.

- A rider shall be considered to have gained a lap and be awarded 20 points when they have caught up with the rear of the largest bunch.

Omnium Points

Prior to the start of the Points Race, a current ranking with the points totals shall be drawn up, and riders will start the Points Race with these points accrued over the first three events. Riders shall add to, and lose points from, their points totals based on laps gained and lost, and points won in sprints, during the Points Race.

Final overall Omnium ranking shall evolve through the Points Race.

The winner of the Omnium shall be the rider who has obtained the highest total of points.

Omnium Event Distances

| Scratch, Tempo | | | |
|----------------|-------------------------------|---------|------------|
| A | 10km | 30 laps | |
| B | 8km | 24 laps | |
| C | 4km | 12 laps | |
| Elimination | | | |
| A, B, C | Dependent on number of riders | | |
| Points | | | |
| A | 20km | 60 laps | 10 sprints |
| B | 16km | 48 laps | 8 sprints |
| C | 10km | 30 laps | 5 sprints |

Awards

Prizes will be distributed to the overall top three finishers in each category. No ABA upgrade points will be awarded for this event.

Team Tents and other facilities

Teams are welcome to bring tents and chairs to the facility to shelter and warm-up.

Racers traveling from out of town are encouraged to reach out to race organizers if they need to store a few things at the velodrome the night before.

Rider Safety and Behavior

The ABA complies with and fully supports the UCI antidoping regulations, the clauses of the World Antidoping Code and its international Standards to which the UCI antidoping regulations refer and to the antidoping regulations of other competent bodies per the regulations of the UCI.

All riders feeling unwell are asked to stay home. While not actively participating in the event, all attendees and observers are encouraged to remain 2 metres distanced as much as possible.

All riders are expected to behave in a courteous and safe manner and adhere to the Argyll Velodrome's rules and etiquette [<https://www.argyllvelodrome.com/rules-etiquette>].

Failure to comply with AHS, ABA regulations and/or the instructions of an official will result in removal from the event and may result in further sanctions, penalties, or fines

Contact Information

All questions can be directed to the race director, Amanda Scott: anscott1@gmail.com

Cancellation due to Inclement Weather

Cancellation of events is at the organizers'/commissaire's discretion to cancel races due to rain, or otherwise hazardous weather.

Emergency Response Plan

For all emergencies, call 911.

Argyll Velodrome address:
6850 88 Street, Edmonton AB T6E 5H6

The nearest hospitals are:

University of Alberta Hospital
8440 112 St NW, Edmonton AB

Grey Nuns Community Hospital
1100 Youville Dr W Northwest,
Edmonton, AB