

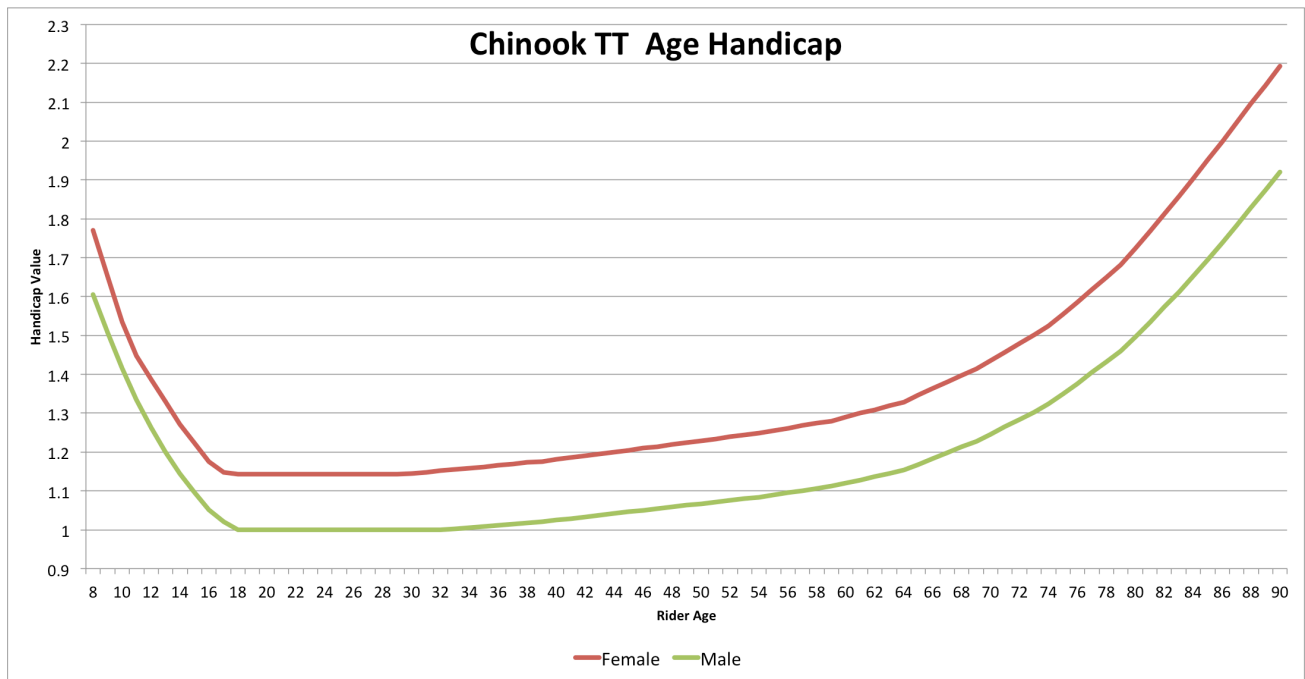
2017 CHINOOK TIME TRIAL SERIES

The Chinook Cycling Club supports our local cycling community by providing this series of weekly race events. All are encouraged to participate.

What you need to participate: Current year Membership Form with payment, Liability Waiver signed, and Time Trial Series Form. Complete and submit each of the three forms and participate in one ride to get your name on the "Results Sheet."

How the series works: The series includes one ride per week for 26 weeks. Ride lengths vary and generally follow a rotating schedule of 5 miles, 10 miles, 40 km, and hill climb (about 4 miles in length). Riders begin from a standing start and self-time their ride. Drafting is not permitted. Riders report their time on a tracking sheet immediately following the ride. Points are awarded weekly for participation and performance. "Place Points" are affected by handicap values and penalty points as described below.

Handicap Values: Handicaps are applied to each rider in an attempt to level the playing field. This allows rider of all ages to fairly compete against each other. The handicap calculations originally came from data found by the series inventor, Bill Painter. The values have been adjusted over several years of running the series to better address riders at the extreme older and younger ends of the range. The chart below captures the current handicap values.



Results: The series rewards participation. A rider earns 4 points per ride. Additionally, finishing positions are calculated weekly based upon riders' times and handicap values. Each week the top 10 calculated times earn additional "Place Points" (10 points for fastest handicap time down to 1 point for tenth place). For each "Place Point" earned, 3 penalty points are applied. Penalty points are added to the individual rider handicaps for subsequent rides. The 5-mile and Hill Climb rides use 1 x penalty, the 10-mile uses 2 x penalty and the 40K uses 5 x penalty. As the series progresses and a rider earns more penalty points, it becomes harder and harder to score in the top 10 places. This makes things very interesting at the end of the series.

Benefits: Whether you are "Hard Core" or a "Recreational Rider", the series provides an opportunity to improve fitness and time trial skills in addition to having fun.

Free Rides: Each rider is given up to 2 'free rides' for events missed after all forms are completed and membership is paid. Four points are automatically credited for each missed ride (2 rides, maximum).

Ride Window: Due to varying weather conditions, a ride window (limited time-frame) is enforced to help ensure riders are participating in similar conditions. Riders starting before, or riding after, the window will only earn participation points. No points will be given to participants who ride significantly before or after the window (greater than 1 hour before or after).

Course Neutralization: The series organizer has the option to neutralize the event results in cases of extreme weather or other hazardous conditions such as excessively high wind speed or high heat. No place points will be awarded, only participation points.

DNF: Riders unable to complete the ride should record "DNF" on the sign-out sheet. DNF riders will be given full participation points.

Handicap Calculations: Handicap Penalty Time = (Ride time in seconds / handicap value) + (previous penalty points * course penalty multiplier). For example, on 4/5/16 Greg rode the 5-mile course in 11:09. His handicap was 1.067 and previous penalty was 30.

$$\text{Penalty} = (11 * 60 + 9) / 1.067 + 30 * 1$$

$$\text{Penalty} = 669 / 1.067 + 30$$

$$\text{Penalty} = 656.99 \text{ or } 10:56.99$$

Results Communication: A variety of means have been used to communicate ride results. The information captured and communicated includes a number of attributes. These are described in the "Results Fields" table below.

Bike Exceptions: We encourage all riders to participate, no matter what they ride. Our race series is oriented to individual road Time Trial or Triathlon competition. Recumbent bikes, trikes, bikes with faring's, and tandem bikes may be disqualified from earning place points or setting course records at the direction of the race director.

Results Fields:

Field	Description
Row	The row number in the results. Included to easily determine rank based on the current sort. (Click on the column header to sort by that column. Click again to toggle the sort between ascending and descending.)
Season Place	The place rank based on points accumulated to date for the current series year. Note that ties in points are not currently recognized, so place is arbitrary when points are tied.
Rider	Rider name. Last name, first.
Gender	M or F. There is a difference in handicap value based on gender.
Age	Rider age as of December 31 of the current year. For 2017, this value would be the rider's age on 12/31/2017.
Handicap	The handicap value based on the rider age and gender. A larger value provides more benefit to the rider. (See Handicap Calculation)
Ride Time	The raw ride time, captured as hours, minutes and seconds. Fractions of a second are discarded.
MPH	Computed miles per hour for the course distance and ride time.
Handicap Penalty	Ride time after adjustments for handicap and penalty points. The event top 10 is computed based on the handicap penalty times.
Top 10	Place ranking based on handicap penalty time.
Points	Points earned in the current series. A rider wins the time trial series by having the most points at the end of the year.
Penalty	Penalty points (which are added to the ride time as seconds) for the current season.
Note	Captures highlights for: handicap personal record, raw personal record, course raw record, course handicap record, and participation only for riding outside the ride window, DNF, and neutralized course.

Current TT Series Organizers:

John Burke
Ian Hoffman
Craig Groendyke