

Milton Winter Tennis Club Singles ELO Ladder – 2024
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Concepts

ELO Challenge is a type of competition where members play matches against each other and move up and down in the ranking as they win or lose. In ELO Challenge, the player ranking is based on ELO points. The ELO points are calculated based on ELO rating system, which was designed by Arpad Elo.

Ranking

1. The order of players in the Ladder is determined by the amount of points they have accumulated playing matches and updated once a week on Sunday night, similar to how it is done in ATP Rankings. The initial order of players is based upon previous year final ladder ranking and results for return players and results from the winter ladder, followed by new players ordered by their self-rating and determined by the initial amount of points assigned to players by the Ladder Director. Ladder director has discretion of adjusting the initial rankings based on his own knowledge of player skills.
2. Players joining the ladder program after opening day are assigned an amount of points by the Ladder Director based on his knowledge of player skills.
3. Rankings are updated once a week by adding points players accumulated during past week playing matches. If no matches were played during the past week, 10 points will be deducted from the player's total amount.
4. Players with no activity for one month will have their status changed to “Inactive”, which will allow players below or above to skip them when counting ranking differential.

Challenging Other Players

5. Players in the Ranking Box can challenge up to **7 ranks above or below**. The amount of points gained/lost by players is determined by “[ELO Points Exchange Table](#)”, which takes into account points differential, and ranking coefficients.
7. Players injured or away (marked in red on spreadsheet) should be skipped when counting ranking differences.
8. The ladder challenges are considered valid if submitted through the online “Ladder Challenge” form. This ensures challenges are being tracked and timestamped when the challenge was made.

9. Before submitting a new challenge, please check the column "Challenges In" in the "Ladder" tab. A player with 2 or more active inbound challenges is allowed to reject new challenges (challenge is considered active if it's status is "Waiting for response" or "Match scheduled" and Proposed Match Date is greater than current date).

10. All players must respond to the challenge within **48** hours from the time the email was sent and either accept the proposed date/time for the game or suggest alternative dates/times for the match. If a player has not responded to a challenge within 48 hours, the ladder director can set player status to "Away", so other players can skip when counting spots for challenge.

11. Players injured or away for 7 or more days must update their status using online "Player Status Update" form

The Ladder Match

12. Both players must bring a new can of good quality tennis balls. Examples include Wilson US Open and ProPenn. The winner takes the unopened can and the loser keeps the used can.

14. The winner must submit the match result online. After the match result is submitted players stats (matches won/lost, games won/lost, accumulated points) are updated automatically. Ladder positions are updated once a week on Sunday night by adding accumulated points to player's total.

15. The matches will be **Pro Sets to 8**. At 7-7 a regular tiebreaker will be played to determine a winner. If the match has not been completed by the time the court booking ends then another court booking should be made to complete the match on another day.

16. Any two players cannot play twice within **30** days.

17. All matches must be played at Milton Tennis Club.

Penalties

18. If the ladder administrator receives complaints from three different participants of unsportsmanlike play they reserve the right to remove you from the program with immediate effect

21. If the ladder director receives three complaints from three different participants that one player either: (1) fails to respond to phone calls/emails within 48 hours or (2) is unwilling to play, the player may be removed from the ladder with immediate effect.

22. Players not showing up within 20 minutes of the scheduled time will default the match.

ELO Points Exchange Table

#	Winner Elo - Loser Elo		Elo Gained by Winner
35		-2000	32
34	Below -720	-720	32
33	-719 to -524	-523	31
32	-523 to -428	-427	30
31	-427 to -365	-364	29
30	-364 to -315	-314	28
29	-314 to -274	-273	27
28	-273 to -238	-237	26
27	-237 to -206	-205	25
26	-205 to -177	-176	24
25	-176 to -150	-149	23
24	-149 to -125	-124	22
23	-124 to -101	-100	21
22	-100 to -78	-77	20
21	-77 to -55	-54	19
20	-54 to -33	-32	18
19	-32 to -11	-10	17
18	-10 to 0	0	16
17	0 to 10	11	16
16	11 to 32	33	15
15	33 to 54	55	14
14	55 to 77	78	13
13	78 to 100	101	12
12	101 to 124	125	11
11	125 to 149	150	10
10	150 to 176	177	9
9	177 to 205	206	8
8	206 to 237	238	7
7	238 to 273	274	6
6	274 to 314	315	5

5	315 to 364	365	4
4	365 to 427	428	3
3	428 to 523	524	2
2	524 to 719	720	1
1	Above 720	2000	0