

Round Robin Scheduling Template P16C3R10



This scheduling template supports, but doesn't require, a ranked pool where P1 is the strongest player, P2 the next strongest etc.

Provided all 10 rounds are played, this schedule is optimal for partner variety (60 partner pairings are missed and 0 repeated partner pairings), optimal for sitouts (players sit out between 2 and 3 times, with 0 consecutive sitout events), optimal for opposition variety (15 player-pair opposition matchups are missed) and OK for balancing team strength across the rounds (average P-number gap 8.00, max gap 19).

If your session goes for 2 hours, I'd recommend having each of the 10 rounds go for 10 minutes with a 2 minute break between rounds.

Players 16 (1 - 16)
 Courts 3 (1 - 3)
 Rounds 10 (1 - 10)

Round	Court #1		Court #2		Court #3		Sitting out
1	P1 x P2	vs P3 x P4	P5 x P6	vs P7 x P8	P9 x P10	vs P11 x P12	P13, P14, P15, P16
2	P1 x P14	vs P8 x P9	P3 x P10	vs P7 x P16	P11 x P13	vs P12 x P15	P2, P4, P5, P6
3	P7 x P11	vs P13 x P14	P6 x P16	vs P2 x P4	P1 x P9	vs P5 x P15	P3, P8, P10, P12
4	P13 x P15	vs P4 x P5	P8 x P12	vs P2 x P16	P6 x P10	vs P3 x P14	P1, P7, P9, P11
5	P1 x P15	vs P10 x P16	P4 x P11	vs P3 x P8	P9 x P12	vs P6 x P7	P2, P5, P13, P14
6	P1 x P5	vs P6 x P12	P7 x P14	vs P4 x P15	P13 x P16	vs P2 x P9	P3, P8, P10, P11
7	P9 x P11	vs P2 x P3	P7 x P10	vs P4 x P8	P5 x P13	vs P14 x P16	P1, P6, P12, P15
8	P5 x P12	vs P3 x P13	P1 x P6	vs P11 x P14	P10 x P15	vs P2 x P8	P4, P7, P9, P16

Round	Court #1	Court #2	Court #3	Sitting out
9	P1 x P16 vs P4 x P7	P2 x P10 vs P5 x P9	P3 x P12 vs P8 x P15	P6, P11, P13, P14
10	P12 x P16 vs P5 x P14	P1 x P8 vs P2 x P13	P6 x P11 vs P7 x P15	P3, P4, P9, P10