



2017 UTEP Robotics Invitational Rules and Matches

FLL Competition Rules

- There will be **NO** team judging (i.e., Core Values, Robot Design, Project)
- 16 teams (8 in the morning and 8 in the afternoon) will compete based only on the Robot Game
- The Challenge: teams will design a robot using the LEGO® MINDSTORMS® that can solve the mission(s) of the 2016/2017 FLL Animal Allies Challenge
 - Teams will be assigned 4 matches (see schedule below); must be ready to play at time shown
 - Each match is 2.5 minutes in duration
 - Summary of scoring of mission(s) can be found on the FLL Challenge Guide:
<http://www.firstlegoleague.org/sites/default/files/animal-allies/animal-allies-challenge-document-a4.pdf>
 - The top 3 scores of the 4 matches will be averaged
 - Highest average score will determine winners. Top eight teams to place will receive:
 - 1st Place – \$250
 - 2nd Place – \$250
 - 3rd Place – \$100
 - 4th Place – \$100
 - 5th Place – \$75
 - 6th Place – \$75
 - 7th Place – \$75
 - 8th Place – \$75

FTC Competition Rules

- There will be **NO** team judging
- 12 teams (6 in the morning and 6 in the afternoon) will compete based only on the Robot Game
- The Challenge: teams to design a robot using the Java-based Android platform to play the 2016/2017 FTC Velocity Vortex game
 - Teams will be assigned 8 matches (see schedule below); must be ready to play at time shown
 - Inspection will be done at 9:00am. Teams not passing inspection will not be able to compete.
 - Goggles must be worn at all times (including spectators/guest) when within 10 feet of the field
 - Each match is 4 minutes in duration still with a 30-second autonomous period
 - Summary of scoring is on the Spectator Flyer found at:
<http://www.firstinspires.org/resource-library/ftc/game-and-season-info>
 - The top 5 scores of 8 matches will be averaged
 - Highest average score will determine winners. Top eight teams will place receive:
 - 1st Place – \$250 + parts
 - 2nd Place – \$250 + parts
 - 3rd Place – \$100 + parts
 - 4th Place – \$100 + parts
 - 5th Place – \$75 + parts
 - 6th Place – \$75 + parts
 - 7th Place – \$75 + parts
 - 8th Place – \$75 + parts

FLL Morning Matches

Match	Start Time	Table A	Table B
1	9:20	1	2
2	9:28	3	4
3	9:36	5	6
4	9:44	7	8
5	9:52	1	2
6	10:00	3	4
7	10:08	5	6
8	10:16	7	8
9	10:24	1	2
10	10:32	3	4
11	10:40	5	6
12	10:48	7	8
13	10:56	1	2
14	11:04	3	4
15	11:12	5	6
16	11:20	7	8

FTC Morning Matches

Match	Start Time	Red Alliance		Blue Alliance	
1	9:20	A	B	F	E
2	9:30	A	C	F	D
3	9:40	A	D	F	C
4	9:50	A	E	B	E
5	10:00	F	E	B	C
6	10:10	F	D	E	C
7	10:20	F	C	B	D
8	10:30	F	B	E	D
9	10:40	B	C	A	F
10	10:50	B	D	A	B
11	11:00	E	D	A	C
12	11:10	E	C	A	D

FLL Afternoon Matches

Match	Start Time	Table A	Table B
1	1:20	11	22
2	1:28	33	44
3	1:36	55	66
4	1:44	77	88
5	1:52	11	22
6	2:00	33	44
7	2:08	55	66
8	2:16	77	88
9	2:24	11	22
10	2:32	33	44
11	2:40	55	66
12	2:48	77	88
13	2:56	11	22
14	3:04	33	44
15	3:12	55	66
16	3:20	77	88

FTC Afternoon Matches

Match	Start Time	Red Alliance		Blue Alliance	
1	1:20	AA	BB	FF	EE
2	1:30	AA	CC	FF	DD
3	1:40	AA	DD	FF	CC
4	1:50	AA	EE	BB	EE
5	2:00	FF	EE	BB	CC
6	2:10	FF	DD	EE	CC
7	2:20	FF	CC	BB	DD
8	2:30	FF	BB	EE	DD
9	2:40	BB	CC	AA	FF
10	2:50	BB	DD	AA	BB
11	3:00	EE	DD	AA	CC
12	3:10	EE	CC	AA	DD