

## Electric 2014

## Overall Results

Place	Car Num	Team	Penalty	Cost Score	Presentation Score	Design Score	Acceleration Score	Skid Pad Score	Autocross Score	Endurance Score	Efficiency Score	Total Score
1	211	Universidade Estadual de Campinas		80.6	72.7	130	75.0	50.0	93.6	300.0	100.0	901.9
2	216	McGill Univ		62.6	74.7	150			150.0	229.4	96.9	763.6
3	213	Univ of Calif - Davis		61.3	68.4	80				120.4	96.0	426.1
4	218	Univ of Manitoba		72.8	63.6	100						236.4
5	202	Univ of Washington	-10	57.2	75.0	110						232.2
6	225	Carnegie Mellon Univ		63.3	68.6	100						231.9
7	212	Massachusetts Inst of Tech		69.9	60.8	70						200.7
8	226	Univ of Calif - Irvine	-10	60.9	57.0	90						197.9
9	205	Univ of Michigan - Dearborn		70.1	57.7	60						187.8
10	215	Universite de Sherbrooke		50.9	54.5	80						185.4
11	217	Univ of Akron	-60	77.4	59.1	80						156.5
12	214	Univ of Pennsylvania	-80	77.3	63.7	90						151.0
13	221	Portland State Univ	-60	33.1	67.5	70						110.7
14	220	Purdue Univ - W Lafayette	-50	-28.5	45.6	100						67.1
	222	Univ of Illinois - Urbana Champaign										Active
	203	Univ of Kansas - Lawrence										withdrawn
	204	Polytechnique Montréal										withdrawn
	219	Missouri University of Science and Tech										withdrawn
	223	Western Washington Univ										withdrawn
	224	Illinois Inst of Tech										withdrawn

## Electric 2014

## Design Event Results

Place	Car Num	Team	Raw Score	Penalty	Status	Score
1	216	McGill Univ	150		Final	150
2	211	Universidade Estadual de Campinas	130		Final	130
3	202	Univ of Washington	110			110
4 T	218	Univ of Manitoba	100			100
4 T	220	Purdue Univ - W Lafayette	100			100
4 T	225	Carnegie Mellon Univ	110	10		100
7 T	214	Univ of Pennsylvania	90			90
7 T	226	Univ of Calif - Irvine	90			90
9 T	213	Univ of Calif - Davis	80			80
9 T	215	Universite de Sherbrooke	80			80
9 T	217	Univ of Akron	80			80
12 T	212	Massachusetts Inst of Tech	70			70
12 T	221	Portland State Univ	70			70
14	205	Univ of Michigan - Dearborn	60			60
	203	Univ of Kansas - Lawrence				
	204	Polytechnique Montréal				
	219	Missouri University of Science and Tech				
	222	Univ of Illinois - Urbana Champaign				
	223	Western Washington Univ				
	224	Illinois Inst of Tech				

## Electric 2014

## Presentation Event Results

Place	Car Num	Team	Score
1	202	Univ of Washington	75
2	216	McGill Univ	74.7
3	211	Universidade Estadual de Campinas	72.7
4	225	Carnegie Mellon Univ	68.6
5	213	Univ of Calif - Davis	68.4
6	221	Portland State Univ	67.5
7	214	Univ of Pennsylvania	63.7
8	218	Univ of Manitoba	63.6
9	212	Massachusetts Inst of Tech	60.8
10	217	Univ of Akron	59.1
11	205	Univ of Michigan - Dearborn	57.7
12	226	Univ of Calif - Irvine	57.0
13	215	Universite de Sherbrooke	54.5
14	220	Purdue Univ - W Lafayette	45.6
	203	Univ of Kansas - Lawrence	
	204	Polytechnique Montréal	
	219	Missouri University of Science and Tech	
	222	Univ of Illinois - Urbana Champaign	
	223	Western Washington Univ	
	224	Illinois Inst of Tech	

## Electric 2014

## Cost Event Results

Place	Car Num	Team	Adjusted Cost	Price Score (40)	Report Score (20)	Part Content / Feasibility (20)	Real Case (20)	Penalty	Score
1	211	Universidade Estadual de Campinas	\$20,928	23.88	16.7	20	20		80.58
2	217	Univ of Akron	\$16,740	40	8.43	19	10		77.43
3	214	Univ of Pennsylvania	\$22,757	18.7	19.59	19	20		77.29
4	218	Univ of Manitoba	\$22,969	18.15	14.64	20	20		72.79
5	205	Univ of Michigan - Dearborn	\$20,414	25.5	19.59	20	5		70.09
6	212	Massachusetts Inst of Tech	\$24,918	13.56	16.29	20	20		69.85
7	225	Carnegie Mellon Univ	\$27,281	8.87	14.46	20	20		63.34
8	216	McGill Univ	\$29,693	4.86	18.76	19	20		62.62
9	213	Univ of Calif - Davis	\$23,967	15.71	13.55	20	12		61.26
10	226	Univ of Calif - Irvine	\$22,472	19.45	15.46	14	12		60.91
11	202	Univ of Washington	\$33,173	0.09	17.11	20	20		57.2
12	215	Universite de Sherbrooke	\$31,183	2.69	14.23	14	20		50.91
13	221	Portland State Univ	\$33,248		5.13	18	10		33.13
14	220	Purdue Univ - W Lafayette	\$30,362	3.86	14.64	18	15	-80	-28.51
	203	Univ of Kansas - Lawrence							
	204	Polytechnique Montréal							
	219	Missouri University of Science and Tech							
	222	Univ of Illinois - Urbana Champaign							
	223	Western Washington Univ							
	224	Illinois Inst of Tech							

## Acceleration Event Results

Electric 2014

Minimum Time (seconds) 4.478  
Maximum Time (seconds) 6.717 150%

Cone Penalty (seconds) 2

Place	Car Num	Team	Run #1			Run #2			Run #3			Run #4			Final	
			Time	Cones	AdjTime	Time	Cones	AdjTime	Time	Cones	AdjTime	Time	Cones	AdjTime	Best Time	Score
1	211	Universidade Estadual de Campinas	4.491		4.491	4.501		4.501	4.478		4.478			DNA	4.478	75
	202	Univ of Washington			DNA			DNA			DNA			DNA	DNA	
	203	Univ of Kansas - Lawrence			DNA			DNA			DNA			DNA	DNA	
	204	Polytechnique Montréal			DNA			DNA			DNA			DNA	DNA	
	205	Univ of Michigan - Dearborn			DNA			DNA			DNA			DNA	DNA	
	212	Massachusetts Inst of Tech			DNA			DNA			DNA			DNA	DNA	
	213	Univ of Calif - Davis			DNA			DNA			DNA			DNA	DNA	
	214	Univ of Pennsylvania			DNA			DNA			DNA			DNA	DNA	
	215	Universite de Sherbrooke			DNA			DNA			DNA			DNA	DNA	
	216	McGill Univ			DNA			DNA			DNA			DNA	DNA	
	217	Univ of Akron			DNA			DNA			DNA			DNA	DNA	
	218	Univ of Manitoba			DNA			DNA			DNA			DNA	DNA	
	219	Missouri University of Science and Tech			DNA			DNA			DNA			DNA	DNA	
	220	Purdue Univ - W Lafayette			DNA			DNA			DNA			DNA	DNA	
	221	Portland State Univ			DNA			DNA			DNA			DNA	DNA	
	222	Univ of Illinois - Urbana Champaign			DNA			DNA			DNA			DNA	DNA	
	223	Western Washington Univ			DNA			DNA			DNA			DNA	DNA	
	224	Illinois Inst of Tech			DNA			DNA			DNA			DNA	DNA	
	225	Carnegie Mellon Univ			DNA			DNA			DNA			DNA	DNA	
	226	Univ of Calif - Irvine			DNA			DNA			DNA			DNA	DNA	

## Skidpad Event Results

Electric 2014

Minimum Time (seconds) 5.431  
Maximum Time (seconds) 6.789 125%

Cone Penalty (seconds) 0.25

Place	Car Num	Team	Driver 1 Run 1				Driver 1 Run 2				Driver 2 Run 1				Driver 2 Run 2				Best Time	Score
			Time R	Time L	Cones	AdjTime	Time R	Time L	Cones	AdjTime	Time R	Time L	Cones	AdjTime	Time R	Time L	Cones	AdjTime		
1	211	Universidade Estadual de Campinas	5.832	5.762		5.797	5.493	5.370		5.431				DNA				DNA	5.431	50
	202	Univ of Washington				DNA				DNA				DNA				DNA	DNA	
	203	Univ of Kansas - Lawrence				DNA				DNA				DNA				DNA	DNA	
	204	Polytechnique Montréal				DNA				DNA				DNA				DNA	DNA	
	205	Univ of Michigan - Dearborn				DNA				DNA				DNA				DNA	DNA	
	212	Massachusetts Inst of Tech				DNA				DNA				DNA				DNA	DNA	
	213	Univ of Calif - Davis				DNA				DNA				DNA				DNA	DNA	
	214	Univ of Pennsylvania				DNA				DNA				DNA				DNA	DNA	
	215	Universite de Sherbrooke				DNA				DNA				DNA				DNA	DNA	
	216	McGill Univ				DNA				DNA				DNA				DNA	DNA	
	217	Univ of Akron				DNA				DNA				DNA				DNA	DNA	
	218	Univ of Manitoba				DNA				DNA				DNA				DNA	DNA	
	219	Missouri University of Science and Tech				DNA				DNA				DNA				DNA	DNA	
	220	Purdue Univ - W Lafayette				DNA				DNA				DNA				DNA	DNA	
	221	Portland State Univ				DNA				DNA				DNA				DNA	DNA	
	222	Univ of Illinois - Urbana Champaign				DNA				DNA				DNA				DNA	DNA	
	223	Western Washington Univ				DNA				DNA				DNA				DNA	DNA	
	224	Illinois Inst of Tech				DNA				DNA				DNA				DNA	DNA	
	225	Carnegie Mellon Univ				DNA				DNA				DNA				DNA	DNA	
	226	Univ of Calif - Irvine				DNA				DNA				DNA				DNA	DNA	

## Autocross Event Results

Electric 2014

Minimum Time (seconds) 53.514 Cone Penalty (seconds) 2  
 Maximum Time (seconds) 77.596 145% Off Course Penalty (seconds) 20

Place	Car Num	Team	Run #1				Run #2				Run #3				Run #4				Best Time	Score
			Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime		
1	216	McGill Univ	DNF			DNF	56.305			56.305	56.992			56.992	53.514			53.514	53.514	150
2	211	Universidade Estadual de Campinas	59.562	1		61.562	61.014			61.014	59.648		1	79.648	58.307		1	78.307	61.014	93.56
	202	Univ of Washington				DNA				DNA				DNA				DNA	DNA	
	203	Univ of Kansas - Lawrence				DNA				DNA				DNA				DNA	DNA	
	204	Polytechnique Montréal				DNA				DNA				DNA				DNA	DNA	
	205	Univ of Michigan - Dearborn				DNA				DNA				DNA				DNA	DNA	
	212	Massachusetts Inst of Tech				DNA				DNA				DNA				DNA	DNA	
	213	Univ of Calif - Davis				DNA				DNA				DNA				DNA	DNA	
	214	Univ of Pennsylvania				DNA				DNA				DNA				DNA	DNA	
	215	Universite de Sherbrooke				DNA				DNA				DNA				DNA	DNA	
	217	Univ of Akron				DNA				DNA				DNA				DNA	DNA	
	218	Univ of Manitoba				DNA				DNA				DNA				DNA	DNA	
	219	Missouri University of Science and Tech				DNA				DNA				DNA				DNA	DNA	
	220	Purdue Univ - W Lafayette				DNA				DNA				DNA				DNA	DNA	
	221	Portland State Univ				DNA				DNA				DNA				DNA	DNA	
	222	Univ of Illinois - Urbana Champaign				DNA				DNA				DNA				DNA	DNA	
	223	Western Washington Univ				DNA				DNA				DNA				DNA	DNA	
	224	Illinois Inst of Tech				DNA				DNA				DNA				DNA	DNA	
	225	Carnegie Mellon Univ				DNA				DNA				DNA				DNA	DNA	
	226	Univ of Calif - Irvine				DNA				DNA				DNA				DNA	DNA	

## Endurance Event Results

Electric 2014

Minimum Time (seconds) 1526.348  
 Maximum Time (seconds) 2213.300 145%

2 20 sec

Place	Car Num	Team	Time	Laps	Cones	Off Course	Other Penalty	Adjusted Time	Endurance Score
1	211	Universidade Estadual de Campinas	1526.348	14				1526.348	300
2	216	McGill Univ	1553.014	14			120	1673.014	229.4
3	213	Univ of Calif - Davis	1660.221	14	7		290	1964.221	120.4





**Formula SAE Electric 2014  
Endurance Event Laptimes**

School	Car	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Universidade Estadual de Campinas	211	107.859	101.877	101.161	105.403	105.271	100.038	99.986		108.747	105.065	102.077	105.893	115.008	119.862	148.101
Univ of Calif - Davis	213	123.540	126.291	124.875	119.904	117.900	113.864	114.210		136.280	119.206	112.360	110.115	112.043	119.214	110.419
McGill Univ	216	120.063	116.270	113.379	113.698	111.864	111.546	110.877		111.763	111.199	112.270	107.119	106.111	102.562	104.293

Times eliminated for Driver Changes or black flags

Individual laptimes are provided for information purposes only.

Laptimes are taken from the either the Formula SAE Endurance timing system or manual timing logs.

These individual laptimes have not been corrected for cone or off course penalties, and may or may not include time spent in black flag, if applicable.

The individual laptimes are not critical, the Formula SAE Endurance event is scored based on the time to complete all specified laps of the Endurance event, plus pen

Electric 2014

Team Information

<b>Car Num</b>	<b>Team</b>	<b>Country</b>	<b>Weight (kg)</b>	<b>Weight (lbs)</b>
202	Univ of Washington	USA	169	372
203	Univ of Kansas - Lawrence	USA		
204	Polytechnique Montréal	CAN		
205	Univ of Michigan - Dearborn	USA	230	507
211	Universidade Estadual de Campinas	BRA	220	486
212	Massachusetts Inst of Tech	USA	232	511
213	Univ of Calif - Davis	USA	297	654
214	Univ of Pennsylvania	USA	238	525
215	Universite de Sherbrooke	CAN	220	485
216	McGill Univ	CAN	245	540
217	Univ of Akron	USA		
218	Univ of Manitoba	CAN	278	612
219	Missouri University of Science and Tech	USA		
220	Purdue Univ - W Lafayette	USA	203	447
221	Portland State Univ	USA		
222	Univ of Illinois - Urbana Champaign	USA	201	444
223	Western Washington Univ	USA		
224	Illinois Inst of Tech	USA		
225	Carnegie Mellon Univ	USA	272	599
226	Univ of Calif - Irvine	USA	322	710