

Michigan 2019

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	1	Universitat Stuttgart		67.2	55.1	150	86.4	62.2	123.0	263.9	84.6	892.4
2	2	Graz Technical Univ		60.1	67.0	110	89.8	58.2	125.0	275.0	100.0	885.1
3	5	Ecole De Technologie Superieure		70.4	59.5	141	85.4	75.0	101.5	155.1	83.3	771.3
4	9	Univ of Michigan - Ann Arbor		63.4	59.1	110	100.0	36.9	91.3	237.8	63.5	762.0
5	33	Oregon State Univ		57.9	75.0	110	69.2	64.3	106.5	162.1	91.0	736.1
6	7	Carleton Univ		77.0	48.5	90	63.1	70.5	83.1	209.7	74.9	716.7
7	14	Polytechnique Montréal		66.8	62.2	90	53.3	40.1	91.4	194.7	91.0	689.5
8	6	Univ of Akron		60.5	57.1	117	33.7	36.9	91.5	211.3	74.3	682.4
9	62	Univ of Minnesota - Twin Cities		66.8	56.8	110	76.0	43.5	97.5	145.0	67.8	663.4
10	18	Univ of Alabama - Tuscaloosa	-10	56.9	70.3	115	70.2	36.9	84.8	167.3	69.4	660.8
11	69	Univ of Connecticut		56.0	70.6	90	88.6	36.9	77.3	169.6	60.2	649.3
12	29	Univ of Cincinnati		57.4	54.0	90	47.0	53.9	80.2	172.5	83.4	638.4
13	56	National Univ of Singapore		67.2	64.3	133	87.9	54.5	73.2	95.6	47.3	623.1
14	80	Virginia Tech		57.4	51.9	90	51.1	42.2	65.4	160.4	92.7	611.1
15	10	AGH Univ of Science and Technology		69.5	45.0	90	90.7	27.5	88.7	147.0	48.0	606.5
16	85	Wroclaw University of Technology		55.3	73.1	110	84.0	43.7	69.5	115.7	51.9	603.2
17	37	Univ of Illinois - Urbana Champaign		69.2	49.9	90	85.6	33.7	77.2	135.2	59.1	600.0
18	40	Clemson Univ		49.6	65.8	70	72.3	50.8	79.6	156.1	52.3	596.5
19	94	Saginaw Valley State Univ		59.3	58.9	70	80.3	43.5	61.7	147.1	74.9	595.7
20	123	Villanova Univ		66.4	68.7	70	89.5	30.6	62.4	153.4	52.0	593.1
21	34	Univ of Central Florida		69.4	65.1	110	67.2	27.1	72.2	134.1	42.5	587.5
22	46	San Jose State University		66.8	53.4	90	72.2	58.2	72.8	127.8	37.3	578.4
23	36	Missouri University of Science and Tech		63.9	58.9	110	45.7	43.5	65.4	117.7	41.2	546.4
24	21	Univ of Florida		60.0	61.4	70	74.4	33.7	70.8	134.4	37.6	542.4
25	66	Univ of Waterloo		63.7	66.6	90	66.9	24.7	62.7	112.6	47.3	534.6
26	91	Georgia Institute of Technology		60.5	67.9	90	59.2	30.6	72.2	95.1	56.3	531.8
27	90	Coburg University of Applied Sciences		61.7	74.4	126	97.5	66.3	100.5	1		527.4

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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
28	47	Ryerson Univ		68.2	69.5	70	74.4	38.4	54.6	102.3	44.7	522.1
29	73	Louisiana State Univ		59.5	50.7	55	75.4	35.9	78.2	165.9		520.6
30	76	Hope College		64.3	63.8	90	37.8	36.4	63.7	99.3	56.5	511.8
31	88	The Ohio State University		50.1	38.4	90	68.0	24.6	67.7	102.8	70.0	511.6
32	107	Univ of South Florida		64.4	55.6	55	85.3	39.6	50.7	105.9	46.4	502.9
33	12	Purdue Univ - W Lafayette		67.7	54.5	70	54.8	33.6	62.2	97.5	50.3	490.6
34	71	Univ of Puerto Rico-Mayaquez		71.6	40.6	70	65.8	36.3	61.3	85.9	54.2	485.8
35	16	Kookmin Univ		70.4	65.3	110	76.4	50.6	85.8	25		483.5
36	105	Worcester Polytechnic Inst		58.3	62.3	55	45.3	16.4	47.5	104.7	86.9	476.4
37	38	Brown Univ		61.7	39.7	70	76.7	30.5	48.9	95.8	52.4	475.7
38	35	Kansas State Univ		56.2	54.0	70	73.5	30.6	68.1	74.6	46.4	473.4
39	39	Univ of Missouri		67.4	42.0	70	63.7	43.5	79.1	57.3	46.9	469.9
40	11	Michigan State Univ		62.7	64.3	110	86.9	21.8	83.7	9	28.6	467.0
41	43	Minnesota State University - Mankato	-30	64.9	64.6	70	33.9	33.6	47.1	103.5	76.2	463.9
42	52	Western Michigan Univ		62.8	45.6	70	71.8	30.6	41.3	65.4	71.3	458.8
43	115	Univ of British Columbia		56.4	61.3	110	79.8	36.9	62.4	9	42.6	458.4
44	139	CEFET-MG		67.7	66.0	90	64.1	43.5	71.5	5	41.9	449.8
45	23	Rensselaer Polytechnic Inst		61.5	63.0	90	85.4	50.8	87.1	1		438.7
46	124	Univ of Nebraska - Lincoln		64.4	57.1	90	61.9	27.1	45.9	59.5		406.1
47	63	Washington Univ - St Louis		64.7	43.0	90	38.6	36.7	52.0	41	39.1	405.2
48	113	Dalhousie Univ		67.6	33.0	55	40.5	27.6	46.4	59.6	63.9	393.5
49	119	Duke Univ		66.0	54.2	70	38.6	43.4	57.4	10	50.7	390.4
50	19	North Carolina State Univ - Raleigh		58.6	61.7	70	77.8	46.9	72.2	3		390.3
51	84	Univ of Toronto		65.6	74.9	90	38.2	33.7	75.4	5		382.8
52	122	Florida Atlantic Univ		65.0	50.0	80	65.3	16.4	50.1	10	42.0	378.8
53	54	Michigan Tech Univ		60.6	44.8	90	44.6	47.1	62.7	25		374.8

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Place	Car Num	Team	Penalty	Cost Score	Presentation Score	Design Score	Acceleration Score	Skid Pad Score	Autocross Score	Endurance Score	Efficiency Score	Total Score
54	126	Univ of Kansas - Lawrence		62.2	56.2	90	66.9	13.7	77.0	2		368.0
55	86	Wayne State Univ		75.1	44.8	70	77.5	43.5	50.7	4		365.6
56	65	Lehigh Univ		75.5	71.0	70	50.7	33.6	60.8	4		365.6
57	109	US Air Force Academy		58.0	61.0	70	29.7	21.4	44.4	9	62.7	356.1
58	92	Univ of Victoria		59.1	30.3	90	50.3	43.5	74.2	8		355.4
59	77	Oakland University		66.4	63.7	70	60.3	27.6	64.4	3		355.3
60	79	Georgia Southern Univ		56.9	31.2	55	76.7	43.6	48.1	9	33.8	354.3
61	100	Clarkson University		62.2	32.7	70	42.4	19.1	32.8	29	60.3	348.8
62	55	Rutgers Univ		64.3	55.7	90	41.9	33.8	56.3	4		345.9
63	89	Tennessee Tech Univ		76.5	56.6	70	50.3	24.5	42.4	25		345.4
64	70	Penn State Univ - Harrisburg		59.8	51.1	55	79.1	16.4	26.8	10	33.6	331.8
65	50	Univ of Michigan - Dearborn		65.1	59.1	90				84.0	33.2	331.4
66	81	Northwestern Univ		59.3	63.8	90	74.6	19.1	6.5			313.3
67	64	Univ of Maryland - College Park		54.8	65.1	90	29.5	13.8	54.8			308.0
68	42	Univ of Kentucky		63.6	49.9	70	60.4	8.8	38.9	10		301.6
69	132	Univ of Pittsburgh - Pittsburgh		60.4	53.2	70	32.0	40.1	40.6	5		301.2
70	8	Univ of Wisconsin - Madison		63.6	48.5	70	11.3	27.5	76.6	2		299.5
71	102	Lawrence Technological Univ		50.8	52.2	45	72.1	8.7	42.1	27		297.7
72	67	Univ of Guelph		63.6	51.6	70	59.6	19.1	6.5	25		295.4
73	51	Universidad Simon Bolivar		79.4	39.8	90	36.3	6.4	10.9	25		287.8
74	41	Grand Valley State Univ		71.9	41.4	55	18.9	27.5	45.4	25		285.1
75	24	Univ of Toledo		68.1	50.5	55		43.7	51.4	8		276.7
76	117	Columbia Univ	-30	63.4	66.6	55	37.0	21.8	56.6	4		274.4
77	78	Temple Univ	-10	64.7	56.4	70	52.9	4.1	29.5	6		273.5
78	75	Old Dominion Univ		58.5	31.1	70	40.9	16.4	30.9	25		272.7
79	68	Penn State Univ - University Park		64.5	54.8	55	34.4	16.4	35.5	5		265.5

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80	99	York College of Pennsylvania		62.6	35.6	70	45.1	13.8	29.9	5		262.1
81	111	Lakehead Univ		66.5	33.7	70	44.4	3.5	22.1	11		251.3
82	108	Colorado Mesa University		61.8	42.5	55	18.8	6.4	28.8	25		238.2
83	125	South Dakota State Univ		60.7	47.6	45	37.5	6.3	36.2			233.4
84	83	Univ of British Columbia - Okanagan		57.7	35.6	55	39.5	16.4	11.9	7		223.0
85	118	Cooper Union		67.5	39.6	110				1		218.1
86	26	Purdue Univ - Northwest		64.9	53.7	55	4.5	3.5	6.5	25		213.0
87	20	Florida Inst of Tech		54.2	30.9	70	20.1		12.6	25		212.8
88	74	Rochester Institute of Technology	-10	49.6	34.9	137						211.5
89	114	Binghamton Univ		58.3	41.6	55	18.7	5.8	26.6	1		206.9
90	98	Universidad Metropolitana		59.3	54.2	35		6.4	22.6	25		202.4
91	93	Universite Du Quebec a Trois-Rivieres		63.8	57.8	45				25		191.5
92	101	Mississippi State Univ		59.0	59.9	55	4.5	3.5		6		187.9
93	49	Univ of Louisiana - Lafayette		65.9	43.0	55		3.5	6.5	9		182.9
94	58	Kennesaw State University		64.4	48.3	70						182.7
95	32	Pellissippi State Community College		54.0	33.3	60	4.5	27.6		2		181.4
96	103	Texas Tech Univ		53.8	45.4	70		3.5		5		177.7
97	110	US Naval Academy		54.8	69.1	45				8		176.9
98	82	Univ of North Florida		65.5	34.9	70						170.4
99	44	IPN - UPIITA		75.9	37.3	55						168.2
100	106	Kettering Univ		60.5	37.6	70						168.1
101	72	Florida International Univ	-50	57.2	50.0	55		3.5	45.9	5		166.7
102	104	South Dakota School of Mines & Tech		63.8	45.3	55						164.1
103	97	Washington State Univ		61.3	48.6	45						154.9
104	120	Universidad Autonoma Estado Mexico		71.4	27.1	45						143.5
105	131	Polytechnic Univ of Puerto Rico		43.5	36.0	45	14.9			2		141.3

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106	30	Univ of New Hampshire		48.6	33.4	55						137.0
107	17	Bradley Univ		46.1			4.5	3.5	6.5	25		85.6
108	48	Vaughn College of Aeronautics	-10	51.6								41.6
	59	Warsaw University of Technology			35.0							pres only
	15	Embry-Riddle Aero Univ - Daytona Beach										withdrawn
	22	Auburn Univ										withdrawn
	25	Florida A&M Univ/Florida State Univ										withdrawn
	53	Ferris State University										withdrawn
	61	Queen's Univ										withdrawn
	87	California State Poly Univ - Pomona										withdrawn
	95	Univ of Louisville										withdrawn
	96	Central Michigan Univ										withdrawn
	112	Alabama A & M Univ										withdrawn
	116	West Virginia Univ										withdrawn
	129	California State Univ - Fullerton										withdrawn

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Design Event Results

Place	Car Num	Team	Raw Score	Penalty	Status	Score
1	1	Universitat Stuttgart	150		Final	150
2	5	Ecole De Technologie Superieure	141		Final	141
3	74	Rochester Institute of Technology	137		Final	137
4	56	National Univ of Singapore	133		Final	133
5	90	Coburg University of Applied Sciences	126		Final	126
6	6	Univ of Akron	117		Final	117
7	18	Univ of Alabama - Tuscaloosa	115		Final	115
8 T	2	Graz Technical Univ	110			110
8 T	9	Univ of Michigan - Ann Arbor	110			110
8 T	11	Michigan State Univ	110			110
8 T	16	Kookmin Univ	110			110
8 T	33	Oregon State Univ	110			110
8 T	34	Univ of Central Florida	110			110
8 T	36	Missouri University of Science and Tech	110			110
8 T	62	Univ of Minnesota - Twin Cities	110			110
8 T	85	Wroclaw University of Technology	110			110
8 T	115	Univ of British Columbia	110			110
8 T	118	Cooper Union	110			110
19 T	7	Carleton Univ	90			90
19 T	10	AGH Univ of Science and Technology	90			90
19 T	14	Polytechnique Montréal	90			90
19 T	23	Rensselaer Polytechnic Inst	90			90
19 T	29	Univ of Cincinnati	90			90
19 T	37	Univ of Illinois - Urbana Champaign	90			90
19 T	46	San Jose State University	90			90
19 T	50	Univ of Michigan - Dearborn	90			90
19 T	51	Universidad Simon Bolivar	90			90
19 T	54	Michigan Tech Univ	90			90
19 T	55	Rutgers Univ	90			90
19 T	63	Washington Univ - St Louis	90			90
19 T	64	Univ of Maryland - College Park	90			90
19 T	66	Univ of Waterloo	90			90
19 T	69	Univ of Connecticut	90			90
19 T	76	Hope College	90			90
19 T	80	Virginia Tech	90			90

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Design Event Results

Place	Car Num	Team	Raw Score	Penalty	Status	Score
19 T	81	Northwestern Univ	90			90
19 T	84	Univ of Toronto	90			90
19 T	88	The Ohio State University	90			90
19 T	91	Georgia Institute of Technology	90			90
19 T	92	Univ of Victoria	90			90
19 T	124	Univ of Nebraska - Lincoln	90			90
19 T	126	Univ of Kansas - Lawrence	90			90
19 T	139	CEFET-MG	90			90
44	122	Florida Atlantic Univ	90	10		80
45 T	8	Univ of Wisconsin - Madison	70			70
45 T	12	Purdue Univ - W Lafayette	70			70
45 T	19	North Carolina State Univ - Raleigh	70			70
45 T	20	Florida Inst of Tech	70			70
45 T	21	Univ of Florida	70			70
45 T	35	Kansas State Univ	70			70
45 T	38	Brown Univ	70			70
45 T	39	Univ of Missouri	70			70
45 T	40	Clemson Univ	70			70
45 T	42	Univ of Kentucky	70			70
45 T	43	Minnesota State University - Mankato	70			70
45 T	47	Ryerson Univ	70			70
45 T	52	Western Michigan Univ	70			70
45 T	58	Kennesaw State University	70			70
45 T	65	Lehigh Univ	70			70
45 T	67	Univ of Guelph	70			70
45 T	71	Univ of Puerto Rico-Mayaquez	70			70
45 T	75	Old Dominion Univ	70			70
45 T	77	Oakland University	70			70
45 T	78	Temple Univ	70			70
45 T	82	Univ of North Florida	70			70
45 T	86	Wayne State Univ	70			70
45 T	89	Tennessee Tech Univ	70			70
45 T	94	Saginaw Valley State Univ	70			70
45 T	99	York College of Pennsylvania	70			70
45 T	100	Clarkson University	70			70

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Design Event Results

Place	Car Num	Team	Raw Score	Penalty	Status	Score
45 T	103	Texas Tech Univ	70			70
45 T	106	Kettering Univ	70			70
45 T	109	US Air Force Academy	70			70
45 T	111	Lakehead Univ	70			70
45 T	119	Duke Univ	70			70
45 T	123	Villanova Univ	70			70
45 T	132	Univ of Pittsburgh - Pittsburgh	70			70
78	32	Pellissippi State Community College	70	10		60
79 T	24	Univ of Toledo	55			55
79 T	26	Purdue Univ - Northwest	55			55
79 T	30	Univ of New Hampshire	55			55
79 T	41	Grand Valley State Univ	55			55
79 T	44	IPN - UPIITA	55			55
79 T	49	Univ of Louisiana - Lafayette	55			55
79 T	68	Penn State Univ - University Park	55			55
79 T	70	Penn State Univ - Harrisburg	55			55
79 T	72	Florida International Univ	55			55
79 T	73	Louisiana State Univ	55			55
79 T	79	Georgia Southern Univ	55			55
79 T	83	Univ of British Columbia - Okanagan	55			55
79 T	101	Mississippi State Univ	55			55
79 T	104	South Dakota School of Mines & Tech	55			55
79 T	105	Worcester Polytechnic Inst	55			55
79 T	107	Univ of South Florida	55			55
79 T	108	Colorado Mesa University	55			55
79 T	113	Dalhousie Univ	55			55
79 T	114	Binghamton Univ	55			55
79 T	117	Columbia Univ	55			55
99 T	93	Universite Du Quebec a Trois-Rivieres	55	10		45
99 T	97	Washington State Univ	45			45
99 T	102	Lawrence Technological Univ	45			45
99 T	110	US Naval Academy	45			45
99 T	120	Universidad Autonoma Estado Mexico	55	10		45
99 T	125	South Dakota State Univ	55	10		45
99 T	131	Polytechnic Univ of Puerto Rico	55	10		45

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Place	Car Num	Team	Raw Score	Penalty	Status	Score
106	98	Universidad Metropolitana	45	10		35
	15	Embry-Riddle Aero Univ - Daytona Beach				
	17	Bradley Univ				
	22	Auburn Univ				
	25	Florida A&M Univ/Florida State Univ				
	48	Vaughn College of Aeronautics				
	53	Ferris State University				
	59	Warsaw University of Technology				
	61	Queen's Univ				
	87	California State Poly Univ - Pomona				
	95	Univ of Louisville				
	96	Central Michigan Univ				
	112	Alabama A & M Univ				
	116	West Virginia Univ				
	129	California State Univ - Fullerton				

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Presentation Event Results

Place	Car Num	Team	Score
1	33	Oregon State Univ	75
2	84	Univ of Toronto	74.9
3	90	Coburg University of Applied Sciences	74.4
4	85	Wroclaw University of Technology	73.1
5	65	Lehigh Univ	71.0
6	69	Univ of Connecticut	70.6
7	18	Univ of Alabama - Tuscaloosa	70.2
8	47	Ryerson Univ	69.5
9	110	US Naval Academy	69.1
10	123	Villanova Univ	68.7
11	91	Georgia Institute of Technology	67.9
12	2	Graz Technical Univ	67.0
13	117	Columbia Univ	66.6
14	66	Univ of Waterloo	66.6
15	139	CEFET-MG	66.0
16	40	Clemson Univ	65.8
17	16	Kookmin Univ	65.3
18	64	Univ of Maryland - College Park	65.1
19	34	Univ of Central Florida	65.0
20	43	Minnesota State University - Mankato	64.6
21	11	Michigan State Univ	64.3
22	56	National Univ of Singapore	64.3
23	81	Northwestern Univ	63.8
24	76	Hope College	63.8
25	77	Oakland University	63.7
26	23	Rensselaer Polytechnic Inst	63.0
27	105	Worcester Polytechnic Inst	62.3
28	14	Polytechnique Montréal	62.2
29	19	North Carolina State Univ - Raleigh	61.7
30	21	Univ of Florida	61.4
31	115	Univ of British Columbia	61.3
32	109	US Air Force Academy	61.0
33	101	Mississippi State Univ	59.9

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Place	Car Num	Team	Score
34	5	Ecole De Technologie Superieure	59.5
35 T	9	Univ of Michigan - Ann Arbor	59.1
35 T	50	Univ of Michigan - Dearborn	59.1
37 T	36	Missouri University of Science and Tech	58.9
37 T	94	Saginaw Valley State Univ	58.9
39	93	Universite Du Quebec a Trois-Rivieres	57.8
40	6	Univ of Akron	57.1
41	124	Univ of Nebraska - Lincoln	57.1
42	62	Univ of Minnesota - Twin Cities	56.8
43	89	Tennessee Tech Univ	56.6
44	78	Temple Univ	56.4
45	126	Univ of Kansas - Lawrence	56.2
46	55	Rutgers Univ	55.7
47	107	Univ of South Florida	55.6
48	1	Universitat Stuttgart	55.1
49	68	Penn State Univ - University Park	54.8
50	12	Purdue Univ - W Lafayette	54.5
51	98	Universidad Metropolitana	54.2
52	119	Duke Univ	54.2
53	35	Kansas State Univ	54.0
54	29	Univ of Cincinnati	54.0
55	26	Purdue Univ - Northwest	53.7
56	46	San Jose State University	53.4
57	132	Univ of Pittsburgh - Pittsburgh	53.2
58	102	Lawrence Technological Univ	52.2
59	80	Virginia Tech	51.9
60	67	Univ of Guelph	51.6
61	70	Penn State Univ - Harrisburg	51.1
62	73	Louisiana State Univ	50.7
63	24	Univ of Toledo	50.5
64	72	Florida International Univ	50.0
65	122	Florida Atlantic Univ	50.0
66	37	Univ of Illinois - Urbana Champaign	49.9

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Presentation Event Results

Place	Car Num	Team	Score
67	42	Univ of Kentucky	49.9
68	97	Washington State Univ	48.6
69 T	7	Carleton Univ	48.5
69 T	8	Univ of Wisconsin - Madison	48.5
71	58	Kennesaw State University	48.2
72	125	South Dakota State Univ	47.6
73	52	Western Michigan Univ	45.6
74	103	Texas Tech Univ	45.4
75	104	South Dakota School of Mines & Tech	45.3
76	10	AGH Univ of Science and Technology	45.0
77	86	Wayne State Univ	44.8
78	54	Michigan Tech Univ	44.8
79	63	Washington Univ - St Louis	43.0
80	49	Univ of Louisiana - Lafayette	43.0
81	108	Colorado Mesa University	42.5
82	39	Univ of Missouri	42.0
83	114	Binghamton Univ	41.6
84	41	Grand Valley State Univ	41.4
85	71	Univ of Puerto Rico-Mayaguez	40.6
86	51	Universidad Simon Bolivar	39.8
87	38	Brown Univ	39.6
88	118	Cooper Union	39.6
89	88	The Ohio State University	38.4
90	106	Kettering Univ	37.6
91	44	IPN - UPIITA	37.3
92	131	Polytechnic Univ of Puerto Rico	36.0
93	99	York College of Pennsylvania	35.6
94	83	Univ of British Columbia - Okanagan	35.5
95	59	Warsaw University of Technology	35.0
96 T	74	Rochester Institute of Technology	34.9
96 T	82	Univ of North Florida	34.9
98	111	Lakehead Univ	33.7
99	30	Univ of New Hampshire	33.4

Michigan 2019

Presentation Event Results

Place	Car Num	Team	Score
100	32	Pellissippi State Community College	33.3
101	113	Dalhousie Univ	33.0
102	100	Clarkson University	32.6
103	79	Georgia Southern Univ	31.2
104	75	Old Dominion Univ	31.1
105	20	Florida Inst of Tech	30.9
106	92	Univ of Victoria	30.3
107	120	Universidad Autonoma Estado Mexico	27.1
	15	Embry-Riddle Aero Univ - Daytona Beach	
	17	Bradley Univ	
	22	Auburn Univ	
	25	Florida A&M Univ/Florida State Univ	
	48	Vaughn College of Aeronautics	
	53	Ferris State University	
	61	Queen's Univ	
	87	California State Poly Univ - Pomona	
	95	Univ of Louisville	
	96	Central Michigan Univ	
	112	Alabama A & M Univ	
	116	West Virginia Univ	
	129	California State Univ - Fullerton	

Michigan 2019

Cost Event Results

Place	Car Num	Team	Adjusted Cost	Price Score (40)	Cost Audit	Discussion Score (40)	Scenario (20)	Penalty	Score
1	51	Universidad Simon Bolivar	\$8,939	26.4	-5	38	20		79.37
2	7	Carleton Univ	\$11,137	19		38	20		76.96
3	89	Tennessee Tech Univ	\$6,559	40	-6	27.5	15		76.5
4	44	IPN - UPIITA	\$8,808	26.9	-3	36	16		75.93
5	65	Lehigh Univ	\$10,003	22.4	-4	37.1	20		75.47
6	86	Wayne State Univ	\$11,102	19.1		36	20		75.05
7	41	Grand Valley State Univ	\$9,837	22.9	-5	34	20		71.94
8	71	Univ of Puerto Rico-Mayaquez	\$12,549	15.6		36	20		71.57
9	120	Universidad Autonoma Estado Mexico	\$8,485	28.4	-8	34	17		71.38
10	5	Ecole De Technologie Superieure	\$14,098	12.6		37.8	20		70.42
11	16	Kookmin Univ	\$11,164	18.9	-2	33.5	20		70.38
12	10	AGH Univ of Science and Technology	\$16,198	9.5		40	20		69.54
13	34	Univ of Central Florida	\$13,644	13.4		36	20		69.42
14	37	Univ of Illinois - Urbana Champaign	\$12,734	15.2		34	20		69.18
15	47	Ryerson Univ	\$11,442	18.2	-4	34	20		68.15
16	24	Univ of Toledo	\$12,526	15.6		33.5	19		68.11
17	12	Purdue Univ - W Lafayette	\$16,039	9.7		38	20		67.74
18	139	CEFET-MG	\$12,484	15.7	-4	36	20		67.7
19	113	Dalhousie Univ	\$13,295	14.1		33.5	20		67.56
20	118	Cooper Union	\$16,210	9.5		38	20		67.52
21	39	Univ of Missouri	\$13,404	13.9		33.5	20		67.36
22	56	National Univ of Singapore	\$15,739	10.1		37.1	20		67.24
23	1	Universitat Stuttgart	\$15,027	11.2		40	16		67.15
24	46	San Jose State University	\$13,433	13.8		38	15		66.8
25	14	Polytechnique Montréal	\$14,618	11.8		36	19		66.78
26	62	Univ of Minnesota - Twin Cities	\$15,714	10.2		36.6	20		66.77
27	111	Lakehead Univ	\$13,648	13.4		33.1	20		66.51
28	123	Villanova Univ	\$9,722	23.3	-8	33.1	20		66.44
29	77	Oakland University	\$12,686	15.3		33.1	18		66.37
30	119	Duke Univ	\$14,159	12.5		33.5	20		66.02
31	49	Univ of Louisiana - Lafayette	\$10,799	19.9	-5	36	15		65.9
32	84	Univ of Toronto	\$12,140	16.5	-3	35.1	17		65.57
33	82	Univ of North Florida	\$14,876	11.4		37.1	17		65.48
34	50	Univ of Michigan - Dearborn	\$14,765	11.5		35.5	18		65.05
35	122	Florida Atlantic Univ	\$13,583	13.5		31.5	20		65.03
36	43	Minnesota State University - Mankato	\$11,955	16.9	-3	36	15		64.89
37	26	Purdue Univ - Northwest	\$14,566	11.9		38	15		64.86
38	63	Washington Univ - St Louis	\$14,969	11.2		33.5	20		64.74
39	78	Temple Univ	\$11,811	17.2	-4	31.5	20		64.74
40	68	Penn State Univ - University Park	\$12,836	15		33.5	16		64.47
41	58	Kennesaw State University	\$9,166	25.4	-3	38	4		64.44
42	107	Univ of South Florida	\$13,531	13.6		30.8	20		64.42
43	124	Univ of Nebraska - Lincoln	\$13,382	13.9		33.5	17		64.4
44	55	Rutgers Univ	\$15,624	10.3		34	20		64.3
45	76	Hope College	\$14,007	12.8		31.5	20		64.28
46	36	Missouri University of Science and Tech	\$15,520	10.4		33.5	20		63.94
47	93	Universite Du Quebec a Trois-Rivieres	\$11,018	19.3	-6	31.5	19		63.78
48	104	South Dakota School of Mines & Tech	\$15,360	10.7		33.1	20		63.77
49	66	Univ of Waterloo	\$18,780	6.7		38	19		63.69
50	42	Univ of Kentucky	\$12,752	15.1		33.5	15		63.64
51	67	Univ of Guelph	\$13,823	13.1		33.5	17		63.6
52	8	Univ of Wisconsin - Madison	\$14,296	12.3		33.3	18		63.59
53	117	Columbia Univ	\$13,635	13.4		36	14		63.43
54	9	Univ of Michigan - Ann Arbor	\$14,564	11.9		31.5	20		63.36
55	52	Western Michigan Univ	\$14,619	11.8		34	17		62.77

Michigan 2019

Cost Event Results

Place	Car Num	Team	Adjusted Cost	Price Score (40)	Cost Audit	Discussion Score (40)	Scenario (20)	Penalty	Score
56	11	Michigan State Univ	\$14,372	12.2		33.5	17		62.67
57	99	York College of Pennsylvania	\$16,203	9.5		33.1	20		62.63
58	126	Univ of Kansas - Lawrence	\$16,436	9.2		33	20		62.24
59	100	Clarkson University	\$15,349	10.7		31.5	20		62.18
60	108	Colorado Mesa University	\$12,917	14.8	-5	36	16		61.8
61	90	Coburg University of Applied Sciences	\$17,750	7.7		34	20		61.72
62	38	Brown Univ	\$15,715	10.2		31.5	20		61.67
63	23	Rensselaer Polytechnic Inst	\$14,510	11.9		31.5	18		61.45
64	97	Washington State Univ	\$12,940	14.8		29.5	17		61.25
65	125	South Dakota State Univ	\$10,353	21.2	-10	33.5	16		60.74
66	54	Michigan Tech Univ	\$16,959	8.6		34	18		60.6
67	6	Univ of Akron	\$16,238	9.5		34	17		60.48
68	91	Georgia Institute of Technology	\$15,856	10		31.5	19		60.48
69	106	Kettering Univ	\$11,135	19	-10	31.5	20		60.46
70	132	Univ of Pittsburgh - Pittsburgh	\$17,159	8.4		34	18		60.38
71	2	Graz Technical Univ	\$19,966	5.6		35.5	19		60.12
72	21	Univ of Florida	\$17,977	7.5		33.5	19		59.98
73	70	Penn State Univ - Harrisburg	\$11,379	18.3	-5	31.5	15		59.82
74	73	Louisiana State Univ	\$13,591	13.5		26	20		59.51
75	94	Saginaw Valley State Univ	\$12,445	15.8		29.5	14		59.29
76	98	Universidad Metropolitana	\$11,431	18.2	-5	31.1	15		59.28
77	81	Northwestern Univ	\$18,292	7.2		35.1	17		59.26
78	92	Univ of Victoria	\$16,663	9		31.1	19		59.06
79	101	Mississippi State Univ	\$14,064	12.7		31.3	15		58.98
80	19	North Carolina State Univ - Raleigh	\$15,043	11.1		30.5	17		58.63
81	75	Old Dominion Univ	\$13,875	13		31.5	14		58.51
82	114	Binghamton Univ	\$13,990	12.8		29.5	16		58.31
83	105	Worcester Polytechnic Inst	\$14,504	12		31.3	15		58.26
84	109	US Air Force Academy	\$10,275	21.5	-8	29.5	15		57.99
85	33	Oregon State Univ	\$23,880	2.9		35	20		57.87
86	83	Univ of British Columbia - Okanagan	\$16,945	8.6		31.1	18		57.72
87	80	Virginia Tech	\$22,996	3.4		34	20		57.41
88	29	Univ of Cincinnati	\$14,868	11.4		29	17		57.39
89	72	Florida International Univ	\$14,027	12.7		29.5	15		57.24
90	79	Georgia Southern Univ	\$12,607	15.4		31.5	10		56.94
91	18	Univ of Alabama - Tuscaloosa	\$18,034	7.4		31.5	18		56.92
92	115	Univ of British Columbia	\$19,630	5.9		31.5	19		56.41
93	35	Kansas State Univ	\$16,897	8.7		29.5	18		56.18
94	69	Univ of Connecticut	\$12,570	15.5	-9	31.5	18		56.02
95	85	Wroclaw University of Technology	\$23,142	3.3		32	20		55.31
96	64	Univ of Maryland - College Park	\$20,823	4.9		31.9	18		54.83
97	110	US Naval Academy	\$17,700	7.8		32	15		54.78
98	20	Florida Inst of Tech	\$12,482	15.7	-9	33.5	14		54.21
99	32	Pellissippi State Community College	\$17,933	7.5		31.5	15		54.03
100	103	Texas Tech Univ	\$16,396	9.3		29.5	15		53.79
101	48	Vaughn College of Aeronautics	\$11,472	18.1		33.5			51.58
102	102	Lawrence Technological Univ	\$14,300	12.3	-8	26.5	20		50.79
103	88	The Ohio State University	\$20,016	5.6		27.5	17		50.08
104	74	Rochester Institute of Technology	\$20,568	5.1		27.5	17		49.63
105	40	Clemson Univ	\$16,576	9.1		23.5	17		49.56
106	30	Univ of New Hampshire	\$23,505	3.1		33.5	12		48.59
107	17	Bradley Univ	\$11,284	18.6	-8	27.5	8		46.06
108	131	Polytechnic Univ of Puerto Rico	\$29,993			23.5	20		43.5
	15	Embry-Riddle Aero Univ - Daytona Beach							
	22	Auburn Univ							

Michigan 2019

Cost Event Results

Place	Car Num	Team	Adjusted Cost	Price Score (40)	Cost Audit	Discussion Score (40)	Scenario (20)	Penalty	Score
	25	Florida A&M Univ/Florida State Univ							
	53	Ferris State University							
	59	Warsaw University of Technology							
	61	Queen's Univ							
	87	California State Poly Univ - Pomona							
	95	Univ of Louisville							
	96	Central Michigan Univ							
	112	Alabama A & M Univ							
	116	West Virginia Univ							
	129	California State Univ - Fullerton							

Acceleration Event Results

Michigan 2019

Minimum Time (seconds) 4.109
 Maximum Time (seconds) 6.164 150%

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	Penalty	Score
1	9	Univ of Michigan - Ann Arbor	4.229		4.229	4.187		4.187	4.157		4.157	4.109		4.109	4.109		100
2	90	Coburg University of Applied Sciences	4.236		4.236	4.168		4.168	4.298		4.298	4.146		4.146	4.146		97.49
3	10	AGH Univ of Science and Technology	4.326		4.326	4.247		4.247	4.763		4.763	4.385		4.385	4.247		90.72
4	2	Graz Technical Univ	4.332		4.332	4.261		4.261	4.588		4.588	4.348		4.348	4.261		89.82
5	123	Villanova Univ	4.500		4.500	4.265		4.265	4.400		4.400	4.459		4.459	4.265		89.54
6	69	Univ of Connecticut	4.587		4.587	4.552		4.552	4.505		4.505	4.280		4.280	4.280		88.55
7	56	National Univ of Singapore	4.387		4.387	4.290		4.290	4.369		4.369	4.315		4.315	4.290		87.94
8	11	Michigan State Univ	4.816		4.816	4.307		4.307	4.615		4.615	4.486		4.486	4.307		86.85
9	1	Universitat Stuttgart	4.552		4.552	4.477		4.477	4.358		4.358	4.313		4.313	4.313		86.44
10	37	Univ of Illinois - Urbana Champaign	4.667		4.667	4.558		4.558	4.567		4.567	4.326		4.326	4.326		85.65
11	5	Ecole De Technologie Superieure	4.784		4.784	4.417		4.417	4.329		4.329	4.333		4.333	4.329		85.44
12	23	Rensselaer Polytechnic Inst	4.482		4.482	4.330		4.330	4.431		4.431	4.451		4.451	4.330		85.38
13	107	Univ of South Florida	4.615		4.615	4.404		4.404	4.808		4.808	4.332		4.332	4.332		85.3
14	85	Wroclaw University of Technology	4.514		4.514	4.364		4.364	4.514		4.514	4.352		4.352	4.352		84.04
15	94	Saginaw Valley State Univ	4.744		4.744	4.413		4.413	4.578		4.578	4.639		4.639	4.413		80.31
16	115	Univ of British Columbia	4.615		4.615	4.490		4.490	4.532		4.532	4.421		4.421	4.421		79.77
17	70	Penn State Univ - Harrisburg	4.553		4.553	4.553		4.553	4.433		4.433	4.706		4.706	4.433		79.07
18	19	North Carolina State Univ - Raleigh	4.679		4.679	4.484		4.484	5.065		5.065	4.454		4.454	4.454		77.82
19	86	Wayne State Univ	4.600		4.600	4.576		4.576	4.459		4.459	5.229		5.229	4.459		77.54
20	38	Brown Univ	4.472		4.472	4.505		4.505	5.191		5.191	4.728		4.728	4.472		76.75
21	79	Georgia Southern Univ	4.473		4.473	4.475		4.475						DNA	4.473		76.7
22	16	Kookmin Univ	4.626		4.626	4.555		4.555	4.478		4.478	4.540		4.540	4.478		76.42
23	62	Univ of Minnesota - Twin Cities	4.541		4.541	4.605		4.605	4.486		4.486	4.518		4.518	4.486		75.95
24	73	Louisiana State Univ	4.771		4.771	4.647		4.647	4.790		4.790	4.495		4.495	4.495		75.39
25	81	Northwestern Univ	6.160		6.160	5.062		5.062	4.680		4.680	4.508		4.508	4.508		74.64
26	21	Univ of Florida	4.743		4.743	4.648		4.648	4.753		4.753	4.512		4.512	4.512		74.45
27	47	Ryerson Univ	4.566		4.566	4.512		4.512	4.813		4.813	5.132		5.132	4.512		74.43

Acceleration Event Results

Michigan 2019

Minimum Time (seconds) 4.109
 Maximum Time (seconds) 6.164 150%

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	Penalty	Score
28	35	Kansas State Univ	4.595		4.595	4.626		4.626	4.635		4.635	4.528		4.528	4.528		73.52
29	40	Clemson Univ	4.695		4.695	4.550		4.550	4.772		4.772	4.650		4.650	4.550		72.25
30	46	San Jose State University	4.703		4.703	4.552		4.552	4.631		4.631	4.599		4.599	4.552		72.16
31	102	Lawrence Technological Univ	4.679		4.679	4.606		4.606	4.676		4.676	4.553		4.553	4.553		72.07
32	52	Western Michigan Univ	4.724		4.724	4.558		4.558	5.343		5.343	5.309		5.309	4.558		71.77
33	18	Univ of Alabama - Tuscaloosa	4.677		4.677	4.905		4.905	4.586		4.586	4.827		4.827	4.586		70.22
34	33	Oregon State Univ	4.930		4.930	4.843		4.843	4.812		4.812	4.605		4.605	4.605		69.19
35	88	The Ohio State University	4.881		4.881	4.626		4.626			DNA			DNA	4.626		67.99
36	34	Univ of Central Florida	4.971		4.971	4.640		4.640	4.791		4.791	4.735		4.735	4.640		67.21
37	66	Univ of Waterloo	4.767		4.767	4.645		4.645	4.988		4.988	4.839		4.839	4.645		66.95
38	126	Univ of Kansas - Lawrence	5.294		5.294	4.748		4.748	4.699		4.699	4.646		4.646	4.646		66.92
39	71	Univ of Puerto Rico-Mayaquez	4.666		4.666	4.795		4.795	4.779		4.779	4.709		4.709	4.666		65.83
40	122	Florida Atlantic Univ	4.850		4.850	4.830		4.830	4.896		4.896	4.676		4.676	4.676		65.3
41	139	CEFET-MG	4.697		4.697			DNA			DNA			DNA	4.697		64.15
42	39	Univ of Missouri	4.705		4.705	5.813		5.813	5.732		5.732	5.468		5.468	4.705		63.7
43	7	Carleton Univ	4.851		4.851	4.716		4.716	5.478		5.478	4.978		4.978	4.716		63.13
44	124	Univ of Nebraska - Lincoln	4.739		4.739	4.954		4.954			DNA			DNA	4.739		61.95
45	42	Univ of Kentucky	4.907		4.907	5.161		5.161	4.769		4.769	7.043		7.043	4.769		60.35
46	77	Oakland University	4.880		4.880	4.923		4.923	4.809		4.809	4.771		4.771	4.771		60.28
47	67	Univ of Guelph	8.020		8.020	4.963		4.963	4.784		4.784	4.930		4.930	4.784		59.6
48	91	Georgia Institute of Technology	4.791		4.791	6.160		6.160	4.898		4.898	5.717		5.717	4.791		59.21
49	12	Purdue Univ - W Lafayette	4.879		4.879	4.955		4.955	6.240		6.240	4.928		4.928	4.879		54.8
50	14	Polytechnique Montréal	26.167		26.167	4.923		4.923	4.911		4.911	4.910		4.910	4.910		53.28
51	78	Temple Univ	4.918		4.918			DNF			DNA			DNA	4.918		52.87
52	80	Virginia Tech	5.018		5.018	4.956		4.956	5.506		5.506	5.243		5.243	4.956		51.06
53	65	Lehigh Univ	4.964		4.964	5.494		5.494	4.977		4.977	5.031		5.031	4.964		50.68
54	89	Tennessee Tech Univ	5.035		5.035	5.043		5.043	4.971		4.971			DNA	4.971		50.32

Acceleration Event Results

Michigan 2019

Minimum Time (seconds) 4.109
 Maximum Time (seconds) 6.164 150%

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	Penalty	Score
55	92	Univ of Victoria	6.491		6.491	5.313		5.313	4.985		4.985	4.972		4.972	4.972		50.27
56	29	Univ of Cincinnati	5.043		5.043	10.514		10.514	5.089		5.089	5.750		5.750	5.043		46.96
57	36	Missouri University of Science and Tech			DNF	5.592		5.592	6.843		6.843	5.069		5.069	5.069		45.74
58	105	Worcester Polytechnic Inst	5.080		5.080	5.151		5.151	5.581		5.581	15.317		15.317	5.080		45.25
59	99	York College of Pennsylvania	5.197		5.197	6.011		6.011	6.109		6.109	5.083		5.083	5.083		45.13
60	54	Michigan Tech Univ	5.093		5.093	5.231		5.231	6.122		6.122			DNA	5.093		44.65
61	111	Lakehead Univ	5.491		5.491	5.098		5.098	5.464		5.464	5.217		5.217	5.098		44.42
62	100	Clarkson University	5.143		5.143	5.227		5.227	5.685		5.685	5.688		5.688	5.143		42.43
63	55	Rutgers Univ	5.156		5.156	5.334		5.334			DNA			DNA	5.156		41.85
64	75	Old Dominion Univ	5.178		5.178	5.216		5.216			DNA			DNA	5.178		40.88
65	113	Dalhousie Univ	5.362		5.362	7.338		7.338	5.187		5.187	5.259		5.259	5.187		40.46
66	83	Univ of British Columbia - Okanagan	5.210		5.210	5.216		5.216			DNA			DNA	5.210		39.48
67	63	Washington Univ - St Louis	5.230		5.230	5.965		5.965	5.358		5.358	5.236		5.236	5.230		38.62
68	119	Duke Univ	5.501		5.501	5.231		5.231	32.333		32.333	5.674		5.674	5.231		38.57
69	84	Univ of Toronto	5.239		5.239	5.694		5.694			DNA			DNA	5.239		38.22
70	76	Hope College	5.367		5.367	5.556		5.556	6.161		6.161	5.249		5.249	5.249		37.81
71	125	South Dakota State Univ	5.255		5.255	5.544		5.544	5.542		5.542	5.511		5.511	5.255		37.52
72	117	Columbia Univ	5.416		5.416	5.268		5.268	5.323		5.323	5.645		5.645	5.268		36.99
73	51	Universidad Simon Bolivar	5.939		5.939	5.284		5.284			DNA			DNA	5.284		36.31
74	68	Penn State Univ - University Park	5.330		5.330	5.598		5.598	5.868		5.868	5.504		5.504	5.330		34.37
75	43	Minnesota State University - Mankato	5.705		5.705	5.341		5.341	5.429		5.429	6.744		6.744	5.341		33.91
76	6	Univ of Akron	5.590		5.590	5.352		5.352	5.345		5.345			DNA	5.345		33.75
77	132	Univ of Pittsburgh - Pittsburgh	5.389		5.389			DNA			DNA			DNA	5.389		31.97
78	109	US Air Force Academy	5.447		5.447	6.058		6.058	5.819		5.819	5.690		5.690	5.447		29.65
79	64	Univ of Maryland - College Park	5.450		5.450	5.811		5.811	33.103		33.103	6.929		6.929	5.450		29.51
80	20	Florida Inst of Tech	19.027		19.027	9.007		9.007	8.352		8.352	5.700		5.700	5.700		20.05
81	41	Grand Valley State Univ	5.912		5.912	5.902		5.902	5.824		5.824	5.733		5.733	5.733		18.87

Acceleration Event Results

Michigan 2019

Minimum Time (seconds) 4.109
 Maximum Time (seconds) 6.164 150%

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	Penalty	Score
82	108	Colorado Mesa University	5.735		5.735			DNA			DNA			DNA	5.735		18.79
83	114	Binghamton Univ	5.738		5.738	6.230		6.230	13.608		13.608	7.383		7.383	5.738		18.68
84	131	Polytechnic Univ of Puerto Rico	12.611		12.611	5.847		5.847			DNA			DNA	5.847		14.86
85	8	Univ of Wisconsin - Madison	6.604		6.604	5.952		5.952	6.682		6.682	6.531		6.531	5.952		11.32
86 T	17	Bradley Univ	7.938		7.938			DNA			DNA			DNA	7.938		4.5
86 T	26	Purdue Univ - Northwest	9.335		9.335	8.995		8.995			DNA			DNA	8.995		4.5
86 T	32	Pellissippi State Community College	11.120		11.120	10.072		10.072			DNA			DNA	10.072		4.5
86 T	101	Mississippi State Univ	18.457		18.457			DNA			DNA			DNA	18.457		4.5
	15	Embry-Riddle Aero Univ - Daytona Beach			DNA			DNA			DNA			DNA	DNA		
	22	Auburn Univ			DNA			DNA			DNA			DNA	DNA		
	24	Univ of Toledo			DNA			DNA			DNA			DNA	DNA		
	25	Florida A&M Univ/Florida State Univ			DNA			DNA			DNA			DNA	DNA		
	30	Univ of New Hampshire			DNA			DNA			DNA			DNA	DNA		
	44	IPN - UPIITA			DNA			DNA			DNA			DNA	DNA		
	48	Vaughn College of Aeronautics			DNA			DNA			DNA			DNA	DNA		
	49	Univ of Louisiana - Lafayette			DNA			DNA			DNA			DNA	DNA		
	50	Univ of Michigan - Dearborn			DNA			DNA			DNA			DNA	DNA		
	53	Ferris State University			DNA			DNA			DNA			DNA	DNA		
	58	Kennesaw State University			DNA			DNA			DNA			DNA	DNA		
	59	Warsaw University of Technology			DNA			DNA			DNA			DNA	DNA		
	61	Queen's Univ			DNA			DNA			DNA			DNA	DNA		
	72	Florida International Univ			DNA			DNA			DNA			DNA	DNA		
	74	Rochester Institute of Technology			DNA			DNA			DNA			DNA	DNA		
	82	Univ of North Florida			DNA			DNA			DNA			DNA	DNA		
	87	California State Poly Univ - Pomona			DNA			DNA			DNA			DNA	DNA		
	93	Universite Du Quebec a Trois-Rivieres			DNA			DNA			DNA			DNA	DNA		
	95	Univ of Louisville			DNA			DNA			DNA			DNA	DNA		

Acceleration Event Results

Michigan 2019

Minimum Time (seconds) 4.109
 Maximum Time (seconds) 6.164 150%

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	Penalty	Score
	96	Central Michigan Univ			DNA			DNA			DNA			DNA	DNA		
	97	Washington State Univ			DNA			DNA			DNA			DNA	DNA		
	98	Universidad Metropolitana			DNA			DNA			DNA			DNA	DNA		
	103	Texas Tech Univ			DNA			DNA			DNA			DNA	DNA		
	104	South Dakota School of Mines & Tech			DNA			DNA			DNA			DNA	DNA		
	106	Kettering Univ			DNA			DNA			DNA			DNA	DNA		
	110	US Naval Academy			DNA			DNA			DNA			DNA	DNA		
	112	Alabama A & M Univ			DNA			DNA			DNA			DNA	DNA		
	116	West Virginia Univ			DNA			DNA			DNA			DNA	DNA		
	118	Cooper Union			DNA			DNA			DNA			DNA	DNA		
	120	Universidad Autonoma Estado Mexico			DNA			DNA			DNA			DNA	DNA		
	129	California State Univ - Fullerton			DNA			DNA			DNA			DNA	DNA		

Skidpad Event Results

Michigan 2019

Minimum Time (seconds) 4.865
 Maximum Time (seconds) 6.081 125%
 Cone Penalty (seconds) 0.125

Place	Car Num	Team	Driver 1 Run 1				Driver 1 Run 2				Driver 2 Run 1				Driver 2 Run 2				Best Time	Penalty	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	5	Ecole De Technologie Superieure	5.577	4.810		5.193	4.920	4.810		4.865								DNA	4.865		75
2	7	Carleton Univ	5.250	5.030		5.140	5.467	5.030		5.248	5.030	4.924		DNF	5.030	4.813		4.921	4.921		70.51
3	90	Coburg University of Applied Sciences	5.030	4.933		4.981	5.030	4.920		4.975	5.140	5.356	3	5.623	5.140	5.136		5.138	4.975		66.31
4	33	Oregon State Univ	5.030	5.030		5.030	5.466	5.263		5.364	5.113	4.890		5.001	5.043	4.963		5.003	5.001		64.35
5	1	Universitat Stuttgart	5.173	4.967		5.070	5.030	5.250		5.140	5.247	4.920		5.083	5.140	4.920		5.030	5.030		62.18
6	T 2	Graz Technical Univ	5.247	5.030		5.138	5.246	4.924		5.085	5.360	5.140		5.250	5.356	5.030		5.193	5.085		58.19
6	T 46	San Jose State University	5.467	5.250		5.358	5.360	5.250		5.305	5.263	5.030		5.146	5.140	5.030		5.085	5.085		58.19
8	56	National Univ of Singapore	5.467	5.467		5.467	5.467	5.357		5.412	5.360	5.140	1	5.375	5.247	5.030		5.138	5.138		54.46
9	29	Univ of Cincinnati	6.013	5.360		5.686	5.360	5.140		5.250	5.466	5.263		5.364	5.153	5.140		5.146	5.146		53.9
10	T 23	Rensselaer Polytechnic Inst	5.247	5.136		5.191	5.360	5.140		5.250	5.247	5.246		5.246	5.250	5.140		5.195	5.191		50.84
10	T 40	Clemson Univ	5.793	5.686		5.739	5.576	5.467		5.521	5.466	5.907		5.686	5.246	5.137		5.191	5.191		50.84
12	16	Kookmin Univ	5.687	5.360		5.523	5.250	5.140		5.195	5.797			DNF	5.687	5.246		5.466	5.195		50.57
13	54	Michigan Tech Univ	5.373	5.577		5.475	5.356	5.140		5.248	6.123	5.470		5.796	5.687	5.576		5.631	5.248		47.07
14	19	North Carolina State Univ - Raleigh	6.230	5.797		6.013	5.687	5.247		5.467	5.580			DNF	5.360	5.140		5.250	5.250		46.94
15	T 24	Univ of Toledo	5.356	5.703	3	5.904	5.246	5.357		5.301				DNF				DNF	5.301		43.67
15	T 85	Wroclaw University of Technology	6.013	5.357		5.685	5.686	6.453	2	6.319	5.577	5.467		5.522	5.356	5.247		5.301	5.301		43.67
17	79	Georgia Southern Univ	5.466	5.250		5.358	5.357	5.247		5.302	5.683	5.357		5.520	5.577	5.356		5.466	5.302		43.61
18	T 36	Missouri University of Science and Tech	5.576	5.360		5.468	6.013	5.140		5.576	5.686	5.467	3	5.951	5.467	5.140		5.303	5.303		43.55
18	T 39	Univ of Missouri	5.793	5.466		5.629	5.797	5.470		5.633	5.467	5.250		5.358	5.466	5.140		5.303	5.303		43.55
18	T 62	Univ of Minnesota - Twin Cities				DNF	5.797	5.333		5.565	5.470	5.140	1	5.430	5.467	5.140		5.303	5.303		43.55
18	T 86	Wayne State Univ	6.467	5.793		6.130	5.793	5.360		5.576	5.580	5.687		5.633	5.467	5.140		5.303	5.303		43.55
18	T 92	Univ of Victoria	5.467	5.140		5.303	5.360	5.247		5.303	5.356	5.250		5.303	5.250	5.687		5.468	5.303		43.55
18	T 94	Saginaw Valley State Univ	6.997	7.437		7.217	6.013	5.904		5.958	6.120	5.576		5.848	5.467	5.140		5.303	5.303		43.55
18	T 139	CEFET-MG	6.234	6.467	3	DNF	5.907	5.357		5.632	5.467	5.140		5.303	5.467	5.250		5.358	5.303		43.55
25	119	Duke Univ	21.320	5.250		13.285	7.000	6.344		6.672	6.454	6.234		6.344	5.360	5.250		5.305	5.305		43.42
26	80	Virginia Tech	5.290	5.590		5.440	5.420	5.660		5.540	6.233	5.687	1	6.085	5.357	5.043	1	5.325	5.325		42.17
27	T 14	Polytechnique Montréal	5.360	5.467		5.413	5.247	5.577		5.412	5.576	5.247		5.411	5.687	5.030		5.358	5.358		40.13
27	T 132	Univ of Pittsburgh - Pittsburgh	5.793	5.577		5.685	5.576	5.140		5.358				DNF				DNF	5.358		40.13
29	107	Univ of South Florida	5.467	5.360		5.413	5.484	5.250		5.367	6.123	5.687		5.905	5.687	5.686		5.686	5.367		39.58
30	47	Ryerson Univ	5.906	6.013		5.959	5.360			DNF	5.880	5.493		5.686	5.380	5.393		5.386	5.386		38.43
31	T 69	Univ of Connecticut	5.687	5.580		DNF	5.467	5.356		5.411	6.123	5.797		5.960	6.013	5.687		5.850	5.411		36.94
31	T 115	Univ of British Columbia	5.797	5.360		5.578	5.467	5.356	1	5.536	5.576	5.467		5.521	5.467	5.356		5.411	5.411		36.94
33	T 6	Univ of Akron	6.013	5.904		5.958	5.797	5.797		5.797	5.903	5.687		5.795	5.467	5.357		5.412	5.412		36.88
33	T 9	Univ of Michigan - Ann Arbor	5.516	5.467		5.491	5.467	5.357		5.412	9.840			DNF	5.250	5.466	2	5.608	5.412		36.88
33	T 18	Univ of Alabama - Tuscaloosa	5.793	5.250		5.521	5.577	5.247		5.412	5.903	5.687		5.795	5.687	5.250		5.468	5.412		36.88
36	63	Washington Univ - St Louis	5.693	5.360		5.526	5.470	5.360		5.415	6.123		5	DNF	5.797	5.356		5.576	5.415		36.7

Skidpad Event Results

Michigan 2019

Minimum Time (seconds) 4.865
 Maximum Time (seconds) 6.081 125% Cone Penalty (seconds) 0.125

Place	Car Num	Team	Driver 1 Run 1				Driver 1 Run 2				Driver 2 Run 1				Driver 2 Run 2				Best Time	Penalty	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			
37	76	Hope College	6.013	5.813	1	6.038	5.700	5.793		5.746	5.483	5.357		5.420	5.577	5.467		5.522	5.420		36.41
38	71	Univ of Puerto Rico-Mayaquez	5.470	5.373		5.421	5.467	5.360	1	5.538	6.563	6.344		6.453	6.013	5.793		5.903	5.421		36.35
39	73	Louisiana State Univ	5.797	5.360		5.578	5.577	5.577	3	5.952	5.577	5.250	1	5.538	5.577	5.030	1	5.428	5.428		35.94
40	55	Rutgers Univ	5.683	5.247		5.465	5.687	5.250		5.468				DNA				DNA	5.465		33.78
41 T	21	Univ of Florida	5.796	5.687		5.741	5.577	5.356		5.466	5.687	5.593		5.640	5.687	5.390		5.538	5.466		33.73
41 T	37	Univ of Illinois - Urbana Champaign	5.687	5.687		5.687	5.576	5.577		5.576	6.060			DNF	5.467	5.466		5.466	5.466		33.73
43	84	Univ of Toronto	5.687	5.247		5.467	5.716	5.797		5.756				DNA				DNA	5.467		33.67
44 T	12	Purdue Univ - W Lafayette				DNF	5.686	5.903	2	6.044	5.577	5.577		5.577	5.470	5.467		5.468	5.468		33.61
44 T	43	Minnesota State University - Mankato	6.123	5.593		5.858	5.686	5.250		5.468	6.013	5.466		5.739	5.797	5.466	1	5.756	5.468		33.61
44 T	65	Lehigh Univ	5.683	5.247	1	5.590	5.467			DNF				DNF	5.577	5.360		5.468	5.468		33.61
47 T	35	Kansas State Univ	5.937	5.903	1	6.045	5.793	5.577		5.685	5.466	5.577		5.521	5.907	5.467	2	5.937	5.521		30.61
47 T	52	Western Michigan Univ	12.467			DNF	5.576	5.467		5.521	6.013	5.903		5.958	6.564			DNF	5.521		30.61
47 T	91	Georgia Institute of Technology	5.797	5.466		5.631	5.577	5.466		5.521	6.123	5.357		5.740	5.793	5.577		5.685	5.521		30.61
50	123	Villanova Univ	5.797	5.794		5.795	5.577	5.467		5.522	5.797	5.683		5.740	5.797	5.250		5.523	5.522		30.55
51	38	Brown Univ	5.904	5.467		5.685	5.687	5.360		5.523	5.797			DNF	5.906	5.360		5.633	5.523		30.5
52 T	32	Pellissippi State Community College				DNF	5.797	5.356		5.576				DNA				DNA	5.576		27.58
52 T	77	Oakland University	6.123	6.017		DNF	5.903	6.013	2	6.208	5.793	5.686		5.739	5.687	5.466		5.576	5.576		27.58
52 T	113	Dalhousie Univ	5.906	5.903		5.904	5.687	5.466		5.576	6.890	5.814		6.352	7.343	5.687		DNF	5.576		27.58
55	8	Univ of Wisconsin - Madison	6.560	6.233	1	6.521	5.687	5.467		5.577	6.233	5.683	2	6.208	6.017	5.576		5.796	5.577		27.53
56 T	10	AGH Univ of Science and Technology	5.907	6.060	2	6.233	5.796	5.470		5.633	6.123	5.467		5.795	5.797	5.360		5.578	5.578		27.47
56 T	41	Grand Valley State Univ	6.344	5.797		6.070	5.797	5.360		5.578	6.560	6.344		6.452	6.127	5.793		5.960	5.578		27.47
58	124	Univ of Nebraska - Lincoln	5.593	5.576		5.584	5.717			DNF				DNA				DNA	5.584		27.15
59	34	Univ of Central Florida	5.687	5.483		5.585	5.576	5.467	1	5.646				DNF	5.903	5.576		5.739	5.585		27.09
60	66	Univ of Waterloo	5.903	5.467		5.685	5.903	5.356		5.629	6.340	5.687		6.013	5.903			DNF	5.629		24.75
61	88	The Ohio State University	5.793	5.686		5.739	5.687	5.576		5.631				DNA				DNA	5.631		24.64
62	89	Tennessee Tech Univ	6.014			DNF	5.893			DNF	5.797	5.470		5.633	6.233	5.467	2	6.100	5.633		24.54
63 T	11	Michigan State Univ	6.123	5.687		5.905	5.687	5.683		5.685	5.903	5.687	2	6.045	5.906	5.906		5.906	5.685		21.84
63 T	117	Columbia Univ				DNF	6.013	5.576		5.794	5.903	5.467		5.685	6.013	5.360		5.686	5.685		21.84
65	109	US Air Force Academy	5.687			DNF	5.700	5.687		5.693				DNA				DNA	5.693		21.43
66	67	Univ of Guelph	6.234	5.903	2	6.318	5.903	5.576		5.739	5.683		6	DNF				DNA	5.739		19.11
67 T	81	Northwestern Univ	8.750	7.653		8.201	8.747	7.326	1	DNF	6.014	5.467		5.740	6.454	5.577	4	6.515	5.740		19.06
67 T	100	Clarkson University	6.563	5.903		6.233	5.903	5.577		5.740	7.000	6.343	1	6.796	7.220	6.017		6.618	5.740		19.06
69 T	83	Univ of British Columbia - Okanagan	6.123	6.013		6.068	5.793	5.796		5.794				DNA				DNA	5.794		16.42
69 T	105	Worcester Polytechnic Inst	6.014	5.360	1	5.812	6.013	5.576		5.794	6.890	6.344		6.617	6.670	6.123		6.396	5.794		16.42
71 T	68	Penn State Univ - University Park	6.060	5.907		5.983	6.234	5.357		5.795	6.780	6.013		6.396	6.343	5.903		6.123	5.795		16.37
71 T	70	Penn State Univ - Harrisburg	12.357			DNF	6.340	6.234		6.287	6.337	5.810		6.073	5.963	5.627		5.795	5.795		16.37

Skidpad Event Results

Michigan 2019

Minimum Time (seconds) 4.865
 Maximum Time (seconds) 6.081 125%
 Cone Penalty (seconds) 0.125

Place	Car Num	Team	Driver 1 Run 1				Driver 1 Run 2				Driver 2 Run 1				Driver 2 Run 2				Best Time	Penalty	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			
71	T 75	Old Dominion Univ	6.233	5.577		5.905	5.903	5.687		5.795								DNA	5.795		16.37
71	T 122	Florida Atlantic Univ	6.124	6.123		6.123	5.904	5.907	2	6.155	5.793	5.797		5.795	5.797	5.794		5.795	5.795		16.37
75	T 64	Univ of Maryland - College Park				DNF	6.123	5.907		6.015	6.123	5.576		5.849	5.906			DNF	5.849		13.8
75	T 99	York College of Pennsylvania	9.623			DNF	6.233	5.467		5.850			1	DNF	6.013	5.686		5.849	5.849		13.8
77	126	Univ of Kansas - Lawrence	6.450	37.834		DNF	5.907	5.797		5.852	9.073			DNF	5.906	5.903		5.904	5.852		13.65
78	42	Univ of Kentucky	6.234	5.797		6.015	6.123	5.793		5.958	6.780	6.343		6.561	6.123	6.234		6.178	5.958		8.81
79	102	Lawrence Technological Univ	6.230	5.907		6.068	5.793	37.180		21.486	6.460	6.027		6.243	6.124	5.797		5.960	5.960		8.72
80	T 51	Universidad Simon Bolivar	5.903	6.123		6.013	26.790			DNF	6.670	6.123		6.396	6.234	5.797		6.015	6.013		6.4
80	T 108	Colorado Mesa University	5.907	18.374	1	12.265	5.904	6.123		6.013				DNF				DNF	6.013		6.4
82	98	Universidad Metropolitana	6.450	6.233		6.341	6.123	5.906		6.014				DNF				DNF	6.014		6.36
83	125	South Dakota State Univ	12.903			DNF	6.580			DNF	6.777	6.673		6.725	6.014	6.017		6.015	6.015		6.32
84	114	Binghamton Univ	10.386			DNF	6.450	6.124		6.287	6.670	5.797	1	6.358	6.123	5.683	1	6.028	6.028		5.76
85	78	Temple Univ				DNF	6.233	5.903		6.068	11.044			DNF	7.763		2	DNF	6.068		4.06
86	T 103	Texas Tech Univ	6.233	6.014		6.123				DNF				DNF				DNF	6.123		3.5
86	T 111	Lakehead Univ	6.560	6.670		6.615	6.124	6.123		6.123	7.216	6.017	2	6.866	6.780	5.903		6.341	6.123		3.5
86	T 72	Florida International Univ	7.000	6.673		6.836	5.687	6.343	1	6.140				DNF				DNF	6.140		3.5
86	T 26	Purdue Univ - Northwest	7.327	6.233		6.780	6.780	6.123		6.451				DNF				DNF	6.451		3.5
86	T 17	Bradley Univ	7.653	7.873	1	DNF	7.980	7.983		7.981				DNF				DNF	7.981		3.5
86	T 101	Mississippi State Univ	8.417	8.200		8.308				DNF				DNF				DNF	8.308		3.5
86	T 49	Univ of Louisiana - Lafayette	11.484	10.610		11.047	10.717	9.077		9.897				DNF				DNF	9.897		3.5
	15	Embry-Riddle Aero Univ - Daytona Beach				DNF				DNF				DNF				DNF	DNF		
	20	Florida Inst of Tech				DNF				DNF				DNF				DNF	DNF		
	22	Auburn Univ				DNF				DNF				DNF				DNF	DNF		
	25	Florida A&M Univ/Florida State Univ				DNF				DNF				DNF				DNF	DNF		
	30	Univ of New Hampshire				DNF				DNF				DNF				DNF	DNF		
	44	IPN - UPIITA				DNF				DNF				DNF				DNF	DNF		
	48	Vaughn College of Aeronautics				DNF				DNF				DNF				DNF	DNF		
	50	Univ of Michigan - Dearborn				DNF				DNF				DNF				DNF	DNF		
	53	Ferris State University				DNF				DNF				DNF				DNF	DNF		
	58	Kennesaw State University				DNF				DNF				DNF				DNF	DNF		
	59	Warsaw University of Technology				DNF				DNF				DNF				DNF	DNF		
	61	Queen's Univ				DNF				DNF				DNF				DNF	DNF		
	74	Rochester Institute of Technology				DNF				DNF				DNF				DNF	DNF		
	82	Univ of North Florida				DNF				DNF				DNF				DNF	DNF		
	87	California State Poly Univ - Pomona				DNF				DNF				DNF				DNF	DNF		
	93	Universite Du Quebec a Trois-Rivieres				DNF				DNF				DNF				DNF	DNF		

Skidpad Event Results

Michigan 2019

Minimum Time (seconds) 4.865
 Maximum Time (seconds) 6.081 125%

Cone Penalty (seconds) 0.125

Place	Car Num	Team	Driver 1 Run 1				Driver 1 Run 2				Driver 2 Run 1				Driver 2 Run 2				Best Time	Penalty	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			
	95	Univ of Louisville				DNA				DNA				DNA				DNA	DNA		
	96	Central Michigan Univ				DNA				DNA				DNA				DNA	DNA		
	97	Washington State Univ				DNA				DNA				DNA				DNA	DNA		
	104	South Dakota School of Mines & Tech				DNA				DNA				DNA				DNA	DNA		
	106	Kettering Univ				DNA				DNA				DNA				DNA	DNA		
	110	US Naval Academy				DNA				DNA				DNA				DNA	DNA		
	112	Alabama A & M Univ				DNA				DNA				DNA				DNA	DNA		
	116	West Virginia Univ				DNA				DNA				DNA				DNA	DNA		
	118	Cooper Union				DNA				DNA				DNA				DNA	DNA		
	120	Universidad Autonoma Estado Mexico				DNA				DNA				DNA				DNA	DNA		
	129	California State Univ - Fullerton				DNA				DNA				DNA				DNA	DNA		
	131	Polytechnic Univ of Puerto Rico				DNA				DNA				DNA				DNA	DNA		

Autocross Event Results

Michigan 2019

Minimum Time (seconds) 48.799
 Maximum Time (seconds) 70.759 145%
 Cone Penalty (seconds) 2
 Off Course Penalty (seconds) 20

Place	Car Num	Team	Run #1				Run #2				Run #3				Run #4				Best Time	Penalty	Score
			Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime			
1	2	Graz Technical Univ	50.008			50.008	48.799			48.799	51.130			51.130	51.246	1		53.246	48.799		125
2	1	Universitat Stuttgart	53.403			53.403	50.945			50.945	49.629	1		51.629	49.062			49.062	49.062		122.95
3	33	Oregon State Univ	54.534			54.534	52.644			52.644	51.279			51.279	51.368			51.368	51.279		106.53
4	5	Ecole De Technologie Superieure	51.994			51.994	52.323			52.323	59.026			59.026	55.334			55.334	51.994		101.54
5	90	Coburg University of Applied Sciences	52.410			52.410	52.152			52.152	52.852			52.852	52.436			52.436	52.152		100.45
6	62	Univ of Minnesota - Twin Cities	56.760			56.760	54.760			54.760	52.754			52.754	52.590			52.590	52.590		97.48
7	6	Univ of Akron	56.481			56.481	53.487			53.487	54.045			54.045	53.652			53.652	53.487		91.54
8	14	Polytechnique Montréal	55.877			55.877	55.028			55.028	54.368			54.368	53.501			53.501	53.501		91.45
9	9	Univ of Michigan - Ann Arbor	55.706	1		57.706	53.516			53.516	54.378			54.378	55.786			55.786	53.516		91.35
10	10	AGH Univ of Science and Technology	58.893	1		60.893	53.922			53.922	62.847			62.847	72.974	1		74.974	53.922		88.73
11	23	Rensselaer Polytechnic Inst	60.878			60.878	58.153			58.153	54.178			54.178	54.762			54.762	54.178		87.09
12	16	Kookmin Univ	59.925			59.925	57.958			57.958	54.902			54.902	54.380			54.380	54.380		85.81
13	18	Univ of Alabama - Tuscaloosa	56.989			56.989	56.407			56.407	56.785	1		76.785	54.540			54.540	54.540		84.81
14	11	Michigan State Univ	58.254	4		66.254	55.621			55.621	55.644			55.644	54.716			54.716	54.716		83.71
15	7	Carleton Univ	56.544			56.544	55.245			55.245	55.834			55.834	54.821			54.821	54.821		83.06
16	29	Univ of Cincinnati	55.281			55.281	56.246			56.246	58.204			58.204	56.435			56.435	55.281		80.23
17	40	Clemson Univ	57.929			57.929	57.430			57.430	56.080			56.080	55.390			55.390	55.390		79.57
18	39	Univ of Missouri	60.560			60.560	59.211			59.211	55.847			55.847	55.466			55.466	55.466		79.11
19	73	Louisiana State Univ	58.678			58.678	56.213			56.213	55.615			55.615	55.037	1		57.037	55.615		78.2
20	69	Univ of Connecticut	56.034			56.034	55.769			55.769	57.213			57.213	56.369			56.369	55.769		77.28
21	37	Univ of Illinois - Urbana Champaign	55.782			55.782	58.892			58.892	63.103	3	1	89.103	60.241			60.241	55.782		77.2
22	126	Univ of Kansas - Lawrence	54.492	1		56.492	53.811	1		55.811				DNA				DNA	55.811		77.03
23	8	Univ of Wisconsin - Madison	58.339	2		62.339	55.889			55.889				DNA				DNA	55.889		76.56
24	84	Univ of Toronto	56.154			56.154	56.087			56.087	58.044			58.044	59.021		1	79.021	56.087		75.38
25	92	Univ of Victoria	64.762	1	1	86.762	56.287			56.287	92.178		1	112.178	58.579	1		60.579	56.287		74.21
26	56	National Univ of Singapore	62.250			62.250	59.135			59.135	59.879			59.879	56.451			56.451	56.451		73.24
27	46	San Jose State University	66.730			66.730	59.834	1		61.834	56.628			56.628	56.526			56.526	56.526		72.8
28	34	Univ of Central Florida	58.239			58.239	56.630			56.630	55.588	1	1	77.588	54.543	1	1	76.543	56.630		72.2
29	91	Georgia Institute of Technology	61.960			61.960	57.480			57.480	59.071			59.071	56.634			56.634	56.634		72.18
30	19	North Carolina State Univ - Raleigh	57.244			57.244	57.175			57.175	57.658			57.658	56.636			56.636	56.636		72.17
31	139	CEFET-MG	56.226		1	76.226	56.753			56.753				DNA				DNA	56.753		71.49
32	21	Univ of Florida	59.726	1		61.726	56.865			56.865	59.196			59.196	57.662			57.662	56.865		70.84

Autocross Event Results

Michigan 2019

Minimum Time (seconds) 48.799
 Maximum Time (seconds) 70.759 145%
 Cone Penalty (seconds) 2
 Off Course Penalty (seconds) 20

Place	Car Num	Team	Run #1				Run #2				Run #3				Run #4				Best Time	Penalty	Score		
			Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime					
33	85	Wroclaw University of Technology	60.040			60.040			57.694			57.694	57.106			57.106	58.684	1		60.684	57.106		69.46
34	35	Kansas State Univ	59.699			59.699			66.490			66.490	60.392			60.392	57.336			57.336	57.336		68.15
35	88	The Ohio State University	59.036			59.036			57.419			57.419			DNA					DNA	57.419		67.68
36	80	Virginia Tech	84.304			84.304			57.818			57.818	58.860			58.860	58.312			58.312	57.818		65.44
37	36	Missouri University of Science and Tech	58.867			58.867			58.074			58.074	60.338			60.338	57.833			57.833	57.833		65.36
38	77	Oakland University	60.487			60.487			58.012			58.012	63.177			63.177	62.946			62.946	58.012		64.36
39	76	Hope College	68.082			68.082			64.768			64.768	58.544			58.544	58.127			58.127	58.127		63.73
40	66	Univ of Waterloo	61.506			61.506			58.307			58.307	62.014	1		82.014	59.983			59.983	58.307		62.74
41	54	Michigan Tech Univ	58.997			58.997			58.319			58.319	59.238			59.238	59.329			59.329	58.319		62.67
42	123	Villanova Univ	56.083		1	76.083		1	58.367			58.367	59.145			59.145				DNF	58.367		62.41
43	115	Univ of British Columbia	58.377			58.377			65.095			65.095	60.569			60.569	59.556			59.556	58.377		62.36
44	12	Purdue Univ - W Lafayette	59.896			59.896			58.413			58.413	60.317			60.317	60.946			60.946	58.413		62.16
45	94	Saginaw Valley State Univ	64.758			64.758			62.653			62.653	60.271			60.271	58.493			58.493	58.493		61.72
46	71	Univ of Puerto Rico-Mayaquez	62.688			62.688			72.046			72.046	58.578			58.578	57.236		1	77.236	58.578		61.26
47	65	Lehigh Univ	61.131			61.131		1	79.908			79.908	59.933			59.933	58.666			58.666	58.666		60.78
48	119	Duke Univ	64.537			64.537			60.945			60.945	78.946	1	1	100.946	59.295			59.295	59.295		57.41
49	117	Columbia Univ	61.276			61.276			59.456			59.456	73.484	1		75.484	66.531			66.531	59.456		56.56
50	55	Rutgers Univ	59.500			59.500						DNA				DNA				DNA	59.500		56.33
51	64	Univ of Maryland - College Park	59.791			59.791		3	87.677		1	87.677				DNA				DNA	59.791		54.81
52	47	Ryerson Univ	61.266			61.266			59.869			59.869	59.840			59.840	60.158			60.158	59.840		54.55
53	63	Washington Univ - St Louis	71.552			71.552			67.380			67.380	63.439	1		65.439	60.339			60.339	60.339		51.97
54	24	Univ of Toledo	60.456			60.456						DNF				DNA				DNA	60.456		51.38
55	107	Univ of South Florida	60.593			60.593			62.233			62.233	60.979	3		66.979	58.539		1	78.539	60.593		50.68
56	86	Wayne State Univ	62.893			62.893						DNF	60.596			60.596				DNA	60.596		50.67
57	122	Florida Atlantic Univ	63.619			63.619			60.725			60.725	60.709			60.709	60.658	2	1	84.658	60.709		50.1
58	38	Brown Univ	63.783			63.783			61.794			61.794				DNF	60.940			60.940	60.940		48.93
59	79	Georgia Southern Univ	62.752			62.752		3	72.940			72.940	62.079			62.079	61.115			61.115	61.115		48.05
60	105	Worcester Polytechnic Inst	64.648	2	1	88.648			63.175			63.175	60.296	1		62.296	59.218	1		61.218	61.218		47.54
61	43	Minnesota State University - Mankato	63.613			63.613			61.305			61.305	61.642			61.642	65.219		1	85.219	61.305		47.11
62	113	Dalhousie Univ	61.451			61.451			71.528			71.528	82.353			82.353				DNA	61.451		46.39
63	72	Florida International Univ	61.545			61.545						DNF				DNA				DNA	61.545		45.92
64	124	Univ of Nebraska - Lincoln	61.547			61.547		3		1		DNF				DNA				DNA	61.547		45.92

Autocross Event Results

Michigan 2019

Minimum Time (seconds) 48.799
 Maximum Time (seconds) 70.759 145%
 Cone Penalty (seconds) 2
 Off Course Penalty (seconds) 20

Place	Car Num	Team	Run #1				Run #2				Run #3				Run #4				Best Time	Penalty	Score
			Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime			
65	41	Grand Valley State Univ	62.717	3		68.717	59.650	1		61.650			DNA			DNA	61.650		45.41		
66	109	US Air Force Academy	64.551			64.551	61.847			61.847			DNA			DNA	61.847		44.45		
67	89	Tennessee Tech Univ	64.047			64.047	62.263			62.263	68.832	2	1	92.832	62.613	1	1	84.613	62.263	42.43	
68	102	Lawrence Technological Univ				DNF				DNF	69.111			69.111	62.330			62.330	62.330	42.11	
69	52	Western Michigan Univ	60.413		1	80.413	60.492	1		62.492	65.546			65.546	68.774			68.774	62.492	41.34	
70	132	Univ of Pittsburgh - Pittsburgh	62.653			62.653	65.035			65.035				DNA			DNA	62.653		40.57	
71	42	Univ of Kentucky	67.121			67.121	64.707			64.707	63.012			63.012	72.686	1		74.686	63.012	38.88	
72	125	South Dakota State Univ	67.883			67.883	64.554			64.554	68.482			68.482	63.582			63.582	63.582	36.23	
73	68	Penn State Univ - University Park	68.457			68.457	62.890		1	82.890	89.760			89.760	63.729			63.729	63.729	35.55	
74	100	Clarkson University	76.031		1	96.031	62.340	1		64.340	65.123	1		67.123	64.535			64.535	64.340	32.77	
75	75	Old Dominion Univ	66.866			66.866	64.766			64.766				DNA			DNA	64.766		30.87	
76	99	York College of Pennsylvania	68.513			68.513	64.975			64.975				DNF	66.808			66.808	64.975	29.94	
77	78	Temple Univ	73.630			73.630	70.539			70.539	63.082	1		65.082				DNA	65.082	29.47	
78	108	Colorado Mesa University	71.073			71.073	65.237			65.237				DNA				DNA	65.237	28.79	
79	70	Penn State Univ - Harrisburg	68.170			68.170	63.698	1		65.698	67.303	1	1	89.303	65.843			65.843	65.698	26.79	
80	114	Binghamton Univ	75.139			75.139	69.787			69.787	64.239		1	84.239	65.731			65.731	65.731	26.64	
81	98	Universidad Metropolitana	67.338			67.338	64.692	1		66.692				DNA				DNA	66.692	22.56	
82	111	Lakehead Univ	67.217			67.217	68.596			68.596	66.793			66.793	82.168	3		88.168	66.793	22.14	
83	20	Florida Inst of Tech	111.610			111.610	69.149			69.149				DNA				DNA	69.149	12.63	
84	83	Univ of British Columbia - Okanagan	78.745			78.745	70.682			70.682	65.348	2		69.348				DNA	69.348	11.86	
85	51	Universidad Simon Bolivar	74.066			74.066	69.592			69.592				DNF				DNA	69.592	10.92	
86	T 81	Northwestern Univ	73.615		2	113.615	69.135	1		71.135	73.604	1		75.604	71.724			71.724	71.135	6.5	
86	T 67	Univ of Guelph				DNF				DNF	74.065			74.065	72.073	1		74.073	74.065	6.5	
86	T 49	Univ of Louisiana - Lafayette	72.585		1	74.585	77.817			77.817				DNA				DNA	74.585	6.5	
86	T 17	Bradley Univ	83.363			83.363	76.153			76.153				DNA				DNA	76.153	6.5	
86	T 26	Purdue Univ - Northwest	103.286		1	105.286	81.739			81.739				DNA				DNA	81.739	6.5	
	15	Embry-Riddle Aero Univ - Daytona Beach				DNA				DNA				DNA				DNA	DNA		
	22	Auburn Univ				DNA				DNA				DNA				DNA	DNA		
	25	Florida A&M Univ/Florida State Univ				DNA				DNA				DNA				DNA	DNA		
	30	Univ of New Hampshire				DNA				DNA				DNA				DNA	DNA		
	32	Pellissippi State Community College			1	DNF				DNA				DNA				DNA	DNA		
	44	IPN - UPIITA				DNA				DNA				DNA				DNA	DNA		

Autocross Event Results

Michigan 2019

Minimum Time (seconds) 48.799
 Maximum Time (seconds) 70.759 145%

Cone Penalty (seconds) 2
 Off Course Penalty (seconds) 20

Place	Car Num	Team	Run #1				Run #2				Run #3				Run #4				Best Time	Penalty	Score
			Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime			
	48	Vaughn College of Aeronautics				DNA				DNA				DNA				DNA	DNA		
	50	Univ of Michigan - Dearborn				DNF				DNA				DNA				DNA	DNA		
	53	Ferris State University				DNA				DNA				DNA				DNA	DNA		
	58	Kennesaw State University				DNA				DNA				DNA				DNA	DNA		
	59	Warsaw University of Technology				DNA				DNA				DNA				DNA	DNA		
	61	Queen's Univ				DNA				DNA				DNA				DNA	DNA		
	74	Rochester Institute of Technology				DNA				DNA				DNA				DNA	DNA		
	82	Univ of North Florida				DNA				DNA				DNA				DNA	DNA		
	87	California State Poly Univ - Pomona				DNA				DNA				DNA				DNA	DNA		
	93	Universite Du Quebec a Trois-Rivieres				DNA				DNA				DNA				DNA	DNA		
	95	Univ of Louisville				DNA				DNA				DNA				DNA	DNA		
	96	Central Michigan Univ				DNA				DNA				DNA				DNA	DNA		
	97	Washington State Univ				DNA				DNA				DNA				DNA	DNA		
	101	Mississippi State Univ				DNA				DNA				DNA				DNA	DNA		
	103	Texas Tech Univ			1 2	DNF				DNA				DNA				DNA	DNA		
	104	South Dakota School of Mines & Tech				DNA				DNA				DNA				DNA	DNA		
	106	Kettering Univ				DNA				DNA				DNA				DNA	DNA		
	110	US Naval Academy				DNA				DNA				DNA				DNA	DNA		
	112	Alabama A & M Univ				DNA				DNA				DNA				DNA	DNA		
	116	West Virginia Univ				DNA				DNA				DNA				DNA	DNA		
	118	Cooper Union				DNA				DNA				DNA				DNA	DNA		
	120	Universidad Autonoma Estado Mexico				DNA				DNA				DNA				DNA	DNA		
	129	California State Univ - Fullerton				DNA				DNA				DNA				DNA	DNA		
	131	Polytechnic Univ of Puerto Rico				DNA				DNA				DNA				DNA	DNA		

Michigan 2019

Minimum Time (seconds) 1267.742
 Maximum Time (seconds) 1838.226 145%

2 20 sec

Place	Car Num	Team	Time	Laps	Cones	Off Course	Other Penalty	Adjusted Time	Endurance Score
1	2	Graz Technical Univ	1247.742	11		1		1267.742	275
2	1	Universitat Stuttgart	1263.453	11	1	1		1285.453	263.9
3	9	Univ of Michigan - Ann Arbor	1327.128	11	1			1329.128	237.8
4	6	Univ of Akron	1372.607	11	2			1376.607	211.3
5	7	Carleton Univ	1357.614	11	1	1		1379.614	209.7
6	14	Polytechnique Montréal	1404.164	11	2			1408.164	194.7
7	29	Univ of Cincinnati	1430.547	11	1	1		1452.547	172.5
8	69	Univ of Connecticut	1456.517	11	1			1458.517	169.6
9	18	Univ of Alabama - Tuscaloosa	1439.376	11	2	1		1463.376	167.3
10	73	Louisiana State Univ	1412.405	11	7	2		1466.405	165.9
11	33	Oregon State Univ	1332.286	11	1	1	120	1474.286	162.1
12	80	Virginia Tech	1455.939	11	1	1		1477.939	160.4
13	40	Clemson Univ	1487.215	11				1487.215	156.1
14	5	Ecole De Technologie Superieure	1389.504	11		5		1489.504	155.1
15	123	Villanova Univ	1457.059	11	8	1		1493.059	153.4
16	94	Saginaw Valley State Univ	1505.097	11	1			1507.097	147.1
17	10	AGH Univ of Science and Technology	1487.249	11		1		1507.249	147.0
18	62	Univ of Minnesota - Twin Cities	1511.708	11				1511.708	145.0
19	37	Univ of Illinois - Urbana Champaign	1533.958	11				1533.958	135.2
20	21	Univ of Florida	1495.872	11		2		1535.872	134.4
21	34	Univ of Central Florida	1512.511	11	2	1		1536.511	134.1
22	46	San Jose State University	1479.127	11	6	3		1551.127	127.8
23	36	Missouri University of Science and Tech	1483.272	11	6	4		1575.272	117.7
24	85	Wroclaw University of Technology	1490.268	11	5	4		1580.268	115.7
25	66	Univ of Waterloo	1565.788	11	1	1		1587.788	112.6
26	107	Univ of South Florida	1542.589	11	1	3		1604.589	105.9
27	105	Worcester Polytechnic Inst	1581.681	11	13			1607.681	104.7
28	43	Minnesota State University - Mankato	1562.546	11	4	2		1610.546	103.5
29	88	The Ohio State University	1590.325	11	1	1		1612.325	102.8
30	47	Ryerson Univ	1573.724	11		2		1613.724	102.3
31	76	Hope College	1619.323	11	1			1621.323	99.3
32	12	Purdue Univ - W Lafayette	1564.004	11	1	3		1626.004	97.5
33	38	Brown Univ	1586.377	11	2	2		1630.377	95.8
34	56	National Univ of Singapore	1520.882	11	5	5		1630.882	95.6
35	91	Georgia Institute of Technology	1504.140	11	4	6		1632.140	95.1
36	71	Univ of Puerto Rico-Mayaguez	1656.608	11				1656.608	85.9
37	50	Univ of Michigan - Dearborn	1513.703	11	4	7		1661.703	84.0
38	35	Kansas State Univ	1683.479	11	2			1687.479	74.6
39	52	Western Michigan Univ	1691.678	11	1	1		1713.678	65.4
40	113	Dalhousie Univ	1682.404	11	4	2		1730.404	59.6
41	124	Univ of Nebraska - Lincoln	1690.652	11		2		1730.652	59.5
42	39	Univ of Missouri	1553.130	11	2	9		1737.130	57.3
43	63	Washington Univ - St Louis	1760.750	11	3	1		1786.750	41
44	100	Clarkson University	1719.810	11	2	5		1823.810	29

Endurance Event Results

Michigan 2019

Minimum Time (seconds) 1267.742
 Maximum Time (seconds) 1838.226 145%

2 20 sec

Place	Car Num	Team	Time	Laps	Cones	Off Course	Other Penalty	Adjusted Time	Endurance Score
45	102	Lawrence Technological Univ	1782.151	11	5	2		1832.151	27
46	67	Univ of Guelph	1839.754	11				1839.754	25
47	54	Michigan Tech Univ	1815.400	11	5	1		1845.400	25
48	108	Colorado Mesa University	1852.952	11	1			1854.952	25
49	89	Tennessee Tech Univ	1740.508	11	2		120	1864.508	25
50	16	Kookmin Univ	1479.431	11	3	14	120	1885.431	25
51	20	Florida Inst of Tech	1742.057	11	5	8		1912.057	25
52	93	Universite Du Quebec a Trois-Rivieres	1850.878	11	6	6		1982.878	25
53	75	Old Dominion Univ	1930.435	11	3	5		2036.435	25
54	51	Universidad Simon Bolivar	1808.064	11	4	6	108	2044.064	25
55	41	Grand Valley State Univ	1733.926	11	5	14	165	2188.926	25
56	98	Universidad Metropolitana	2152.228	11	3	10		2358.228	25
57	26	Purdue Univ - Northwest	2228.860	11	7	7		2382.860	25
58	17	Bradley Univ	2164.520	11	13	19	9	2579.520	25
	111	Lakehead Univ	1868.017	11	10	11	170	DNF	11
	122	Florida Atlantic Univ	1383.258	10	3	5		DNF	10
	119	Duke Univ	1391.656	10	4	9	6	DNF	10
	70	Penn State Univ - Harrisburg	1520.232	10	1	2		DNF	10
	42	Univ of Kentucky	1669.345	10	7	8		DNF	10
	11	Michigan State Univ	1153.665	9	3	1	120	DNF	9
	115	Univ of British Columbia	1252.473	9		1		DNF	9
	79	Georgia Southern Univ	1390.594	9	1	5		DNF	9
	109	US Air Force Academy	1423.442	9	10	1		DNF	9
	49	Univ of Louisiana - Lafayette	1976.001	9	11	9	20	DNF	9
	92	Univ of Victoria	1186.369	8	6	1		DNF	8
	110	US Naval Academy	1281.603	8	8	3		DNF	8
	24	Univ of Toledo	1383.928	8		1		DNF	8
	83	Univ of British Columbia - Okanagan	1237.897	7	2	4		DNF	7
	78	Temple Univ	1009.987	6	7	8		DNF	6
	101	Mississippi State Univ	1020.780	6	4	6		DNF	6
	139	CEFET-MG	666.506	5	1			DNF	5
	84	Univ of Toronto	687.853	5	3			DNF	5
	103	Texas Tech Univ	744.694	5	4	2		DNF	5
	68	Penn State Univ - University Park	777.360	5		3		DNF	5
	132	Univ of Pittsburgh - Pittsburgh	793.141	5	1			DNF	5
	99	York College of Pennsylvania	806.497	5		2	120	DNF	5
	72	Florida International Univ	994.089	5		7		DNF	5
	65	Lehigh Univ	562.664	4	5	2		DNF	4
	55	Rutgers Univ	610.514	4	2	2		DNF	4
	86	Wayne State Univ	623.683	4	1	3		DNF	4
	117	Columbia Univ	641.528	4		3		DNF	4
	19	North Carolina State Univ - Raleigh	427.710	3		1		DNF	3
	77	Oakland University	543.673	3	8	11		DNF	3
	126	Univ of Kansas - Lawrence	287.036	2	1	3		DNF	2

Endurance Event Results

Michigan 2019

Minimum Time (seconds) 1267.742
 Maximum Time (seconds) 1838.226 145%

2 20 sec

Place	Car Num	Team	Time	Laps	Cones	Off Course	Other Penalty	Adjusted Time	Endurance Score
	131	Polytechnic Univ of Puerto Rico	316.795	2	3	1		DNF	2
	8	Univ of Wisconsin - Madison	317.545	2		2		DNF	2
	32	Pellissippi State Community College	500.261	2				DNF	2
	90	Coburg University of Applied Sciences	121.613	1				DNF	1
	23	Rensselaer Polytechnic Inst	142.645	1				DNF	1
	118	Cooper Union	162.686	1	2	2		DNF	1
	114	Binghamton Univ	191.426	1		1		DNF	1
	64	Univ of Maryland - College Park	0.000	0				DNF	
	81	Northwestern Univ	0.000	0		2		DNF	
	125	South Dakota State Univ	0.000	0				DNF	

Michigan 2019

Fuel Efficiency Results

Minimum: 115.249 sec 0.5565 kg 0.319 T exp: 1
 Maximum: 167.111 sec 1.2012 kg 0.989 E exp: 1
 145% = 13.213 / 11

Place	Car Num	Team	Average Adjusted Laptime	Laps Completed	Fuel Used (ltr)	Adjusted CO2 (kg)	Average Adjusted CO2 per Lap	Fuel Type	Fuel Efficiency Factor	Fuel Efficiency Score
1	2	Graz Technical Univ	115.249	11	3.752	6.190	0.5627	E85	0.989	100
2	80	Virginia Tech	134.358	11	2.650	6.121	0.5565	93	0.858	92.7
3	14	Polytechnique Montréal	128.015	11	2.866	6.620	0.6018	100	0.832	91.0
4	33	Oregon State Univ	134.026	11	2.738	6.324	0.5749	93	0.832	91.0
5	105	Worcester Polytechnic Inst	146.153	11	2.691	6.216	0.5651	100	0.777	86.9
6	1	Universitat Stuttgart	116.859	11	4.892	8.071	0.7337	E85	0.748	84.6
7	29	Univ of Cincinnati	132.050	11	3.150	7.276	0.6615	93	0.734	83.4
8	5	Ecole De Technologie Superieure	135.409	11	4.310	7.111	0.6465	E85	0.733	83.3
9	43	Minnesota State University - Mankato	146.413	11	3.161	7.301	0.6637	100	0.660	76.2
10	94	Saginaw Valley State Univ	137.009	11	3.438	7.941	0.7219	100	0.648	74.9
11	7	Carleton Univ	125.419	11	3.759	8.683	0.7894	93	0.648	74.9
12	6	Univ of Akron	125.146	11	5.316	8.771	0.7974	E85	0.643	74.3
13	52	Western Michigan Univ	155.789	11	4.443	7.330	0.6664	E85	0.618	71.3
14	88	The Ohio State University	146.575	11	4.807	7.931	0.7210	E85	0.607	70.0
15	18	Univ of Alabama - Tuscaloosa	133.034	11	3.810	8.801	0.8001	93	0.603	69.4
16	62	Univ of Minnesota - Twin Cities	137.428	11	3.762	8.690	0.7900	93	0.591	67.8
17	113	Dalhousie Univ	157.309	11	3.449	7.967	0.7243	93	0.563	63.9
18	9	Univ of Michigan - Ann Arbor	120.830	11	6.316	10.421	0.9474	E85	0.560	63.5
19	109	US Air Force Academy	162.605	9	2.770	6.398	0.7109	93	0.555	62.7
20	100	Clarkson University	165.801	11	3.410	7.877	0.7161	100	0.540	60.3
21	69	Univ of Connecticut	132.592	11	4.270	9.863	0.8966	93	0.539	60.2
22	37	Univ of Illinois - Urbana Champaign	139.451	11	4.112	9.498	0.8635	93	0.533	59.1
23	76	Hope College	147.393	11	4.004	9.249	0.8408	93	0.517	56.5
24	91	Georgia Institute of Technology	148.376	11	3.987	9.209	0.8372	93	0.516	56.3
25	71	Univ of Puerto Rico-Mayaquez	150.601	11	4.017	9.279	0.8435	93	0.505	54.2
26	38	Brown Univ	148.216	11	4.162	9.614	0.8740	100	0.495	52.4
27	40	Clemson Univ	135.201	11	4.566	10.547	0.9588	93	0.495	52.3
28	123	Villanova Univ	135.733	11	4.563	10.540	0.9582	100	0.493	52.0
29	85	Wroclaw University of Technology	143.661	11	4.315	9.967	0.9061	100	0.493	51.9
30	119	Duke Univ	158.566	10	3.598	8.311	0.8311	93	0.487	50.7
31	12	Purdue Univ - W Lafayette	147.819	11	4.267	9.856	0.8960	93	0.484	50.3
32	10	AGH Univ of Science and Technology	137.023	11	4.708	10.875	0.9886	100	0.473	48.0
33	56	National Univ of Singapore	148.262	11	4.381	10.120	0.9200	93	0.470	47.3
34	66	Univ of Waterloo	144.344	11	4.504	10.404	0.9458	93	0.470	47.3
35	39	Univ of Missouri	157.921	11	4.130	9.540	0.8673	93	0.468	46.9
36	107	Univ of South Florida	145.872	11	4.496	10.385	0.9441	93	0.466	46.4
37	35	Kansas State Univ	153.407	11	4.275	9.875	0.8977	100	0.466	46.4
38	47	Ryerson Univ	146.702	11	4.542	10.492	0.9538	93	0.458	44.7
39	115	Univ of British Columbia	141.386	9	3.936	9.092	1.0102	93	0.449	42.6
40	34	Univ of Central Florida	139.683	11	6.827	11.264	1.0240	E85	0.448	42.5
41	122	Florida Atlantic Univ	148.926	10	4.175	9.644	0.9644	100	0.447	42.0
42	139	CEFET-MG	133.701	5	2.328	5.377	1.0754	93	0.446	41.9
43	36	Missouri University of Science and Tech	143.207	11	4.814	11.120	1.0109	100	0.443	41.2
44	63	Washington Univ - St Louis	162.432	11	4.327	9.995	0.9086	93	0.435	39.1
45	21	Univ of Florida	139.625	11	5.102	11.785	1.0714	93	0.429	37.6
46	46	San Jose State University	141.012	11	7.096	11.708	1.0644	E85	0.427	37.3

Formula SAE Michigan 2019 Endurance Event Laptimes

School	Car	1	2	3	4	5	6	7	8	9	10	11	12
Universitat Stuttgart	1	122.001	116.029	114.181	115.309	115.457		114.003	114.149	113.118	113.315	113.009	112.882
Graz Technical Univ	2	121.716	115.276	112.647	112.329	111.672		114.807	112.908	111.845	111.106	111.408	112.028
Ecole De Technologie Superieure	5	129.339	126.388	125.271	126.216	132.579		129.795	121.635	133.014	121.631	120.845	122.791
Univ of Akron	6	131.986	125.309	121.440	123.873	131.661	124.604		129.389	123.083	121.584	119.991	119.687
Carleton Univ	7	132.636	123.692	122.513	123.980	123.965		123.811	120.854	123.890	121.678	120.368	120.227
Univ of Wisconsin - Madison	8	165.440	152.105										
Univ of Michigan - Ann Arbor	9	126.030	122.387	121.066	121.002	124.124		120.219	118.647	118.770	119.251	117.043	118.589
AGH Univ of Science and Technology	10	140.179	162.413	137.606	147.923	144.502		127.201	125.020	125.444	125.343	126.522	125.096
Michigan State Univ	11	128.162	128.671	123.039	124.509	127.997		134.333	128.300	128.409	130.245		
Purdue Univ - W Lafayette	12	148.319	151.073	149.825	145.446	146.069		139.749	131.906	130.755	133.541	143.713	143.608
Polytechnique Montréal	14	131.716	127.085	127.984	131.882	133.662		127.397	125.219	126.109	124.187	124.527	124.396
Kookmin Univ	16	149.518	141.765	155.614	137.713	141.056		127.035	124.269	121.586	118.541	125.466	136.868
Bradley Univ	17	261.767	238.943	189.411	211.422	200.980		177.497	199.538	169.990	169.720	176.655	168.597
Univ of Alabama - Tuscaloosa	18	134.237	141.719	131.619	130.435	133.926		132.517	127.023	125.485	125.164	130.083	127.168
North Carolina State Univ - Raleigh	19	142.370	139.301	146.039									
Florida Inst of Tech	20	177.576	166.493	153.747	160.857	160.646		157.663	156.797	147.652	148.560	161.535	150.531
Univ of Florida	21	148.186	148.193	151.197	130.381	129.925		137.197	134.047	129.140	133.494	126.890	127.222
Rensselaer Polytechnic Inst	23	142.645											
Univ of Toledo	24	169.120	170.856	173.564	173.724	191.328		163.324	177.603	164.409			
Purdue Univ - Northwest	26	255.102	208.953	189.029	194.353	207.243		190.923	210.137	185.135	185.091	201.578	201.316
Univ of Cincinnati	29	129.132	127.676	128.161	130.599	128.346		136.819	132.551	129.350	128.480	128.095	131.338
Pellissippi State Community College	32	235.002	265.259										
Oregon State Univ	33	123.335	120.767	122.057	118.905	120.769		124.009	121.170	120.036	122.561	120.079	118.598
Univ of Central Florida	34	140.560	134.513	140.916	154.634	133.892		134.252	151.973	132.475	129.609	129.707	129.980
Kansas State Univ	35	150.693	155.235	148.076	164.662	153.253		146.663	147.045	150.883	155.703	154.772	156.494
Missouri University of Science and Tech	36	141.412	140.985	144.579	140.495	144.550		139.393	125.551	127.713	125.142	125.569	127.883
Univ of Illinois - Urbana Champaign	37	145.438	142.992	140.340	138.313	146.028		135.035	130.904	132.113	133.482	132.915	156.398
Brown Univ	38	147.543	146.716	144.123	141.918	143.376		158.153	150.115	139.279	139.005	138.768	137.381
Univ of Missouri	39	140.094	131.047	132.632	129.525	131.721		140.776	145.225	154.296	148.793	153.419	145.602
Clemson Univ	40	138.904	130.370	128.666	129.580	130.769		134.267	136.037	136.093	136.471	141.440	144.618
Grand Valley State Univ	41	171.833	177.748	155.669	156.433	161.695		154.663	148.110	163.484	145.908	147.270	151.113
Univ of Kentucky	42	147.262	161.481	153.154	143.800	177.654		248.093	164.345	148.404	176.932	148.220	
Minnesota State University - Mankato	43	147.196	141.025	142.796	140.433	140.985		150.114	139.544	142.695	138.477	137.946	141.335
San Jose State University	46	133.893	142.502	142.760	137.746	137.636	138.183		141.755	128.847	124.682	124.596	126.527
Ryerson Univ	47	161.387	149.535	146.396	146.244	141.752		148.690	140.282	137.397	133.840	134.531	133.670
Univ of Louisiana - Lafayette	49	179.034	175.118	170.350	177.248	190.428		247.763	255.341	275.524	305.195		
Univ of Michigan - Dearborn	50	135.706	135.743	138.793	136.497	139.187		147.405	133.018	131.570	129.212	135.883	150.689
Universidad Simon Bolivar	51	205.129	168.845	168.910	175.892	167.914		157.601	160.492	145.382	142.087	154.018	161.794
Western Michigan Univ	52	156.129	158.082	158.187	163.298	171.227		153.017	141.941	144.743	149.285	141.654	154.115
Michigan Tech Univ	54	134.142	133.842	140.285	145.237	149.199		135.489	145.551	147.099	170.484	226.482	287.590
Rutgers Univ	55	138.529	142.969	165.471	163.545								
National Univ of Singapore	56	162.214	139.043	141.465	134.025	143.025		146.625	131.388	132.110	128.824	131.722	130.441
Univ of Minnesota - Twin Cities	62	136.877	135.028	163.514	141.449	135.306		125.431	129.839	173.418	124.269	121.545	125.032
Washington Univ - St Louis	63	171.101	158.520	158.082	158.154	155.759		152.317	152.772	182.200	162.476	152.524	156.845
Lehigh Univ	65	147.861	138.116	139.347	137.340								
Univ of Waterloo	66	155.264	139.742	171.602	141.431	137.564		138.706	136.827	132.419	133.758	131.826	146.649
Univ of Guelph	67	184.742	184.967	170.837	173.089	165.535		167.803	155.593	148.989	158.966	153.603	175.630
Penn State Univ - University Park	68	156.574	166.553	140.736	156.878	156.619							
Univ of Connecticut	69	138.663	135.010	130.995	130.432	132.016		134.553	132.963	133.466	136.659	126.285	125.475
Penn State Univ - Harrisburg	70	148.230	142.598	147.905	181.569	151.881		158.824	148.296	146.015	149.617	145.297	
Univ of Puerto Rico-Mayaquez	71	149.072	144.314	143.660	136.275	140.579		159.480	153.793	153.966	155.786	157.087	162.596
Florida International Univ	72	226.960	187.541	238.686	173.702	167.200							
Louisiana State Univ	73	136.536	130.793	127.710	127.624	127.777		133.409	125.152	123.974	124.907	129.427	125.096
Old Dominion Univ	75	190.672	170.300	163.277	162.119	176.144		194.488	183.279	181.374	176.731	168.751	163.300
Hope College	76	151.776	147.683	173.359	147.206	145.296		142.038	137.608	136.249	138.091	141.980	158.037
Oakland University	77	171.035	174.934	197.704									
Temple Univ	78	142.156	224.579	168.066		152.144		148.943		174.099			
Georgia Southern Univ	79	153.167	145.897	140.681	140.440	141.465		138.647	142.955	192.625	194.717		
Virginia Tech	80	151.122	131.147	127.865	125.636	129.091		131.746	141.755	131.413	129.325	128.867	127.972
Univ of British Columbia - Okanagan	83	174.449	156.128	244.336	176.019	162.030		164.896	160.039				
Univ of Toronto	84	137.662	133.649	135.031	149.291	132.220							
Wroclaw University of Technology	85	134.699	140.419	134.987	152.583	128.142		135.518	132.434	131.514	129.785	137.896	132.291
Wayne State Univ	86	162.120	162.845	150.513	148.205								
The Ohio State University	88	143.083	139.802	144.847	149.221	150.141		138.359	137.262	141.527	143.747	151.764	150.572
Tennessee Tech Univ	89	168.368	154.791	156.097	163.029	190.959		160.991	154.965	146.290	147.194	144.787	153.037
Coburg University of Applied Sciences	90	121.613											
Georgia Institute of Technology	91	142.210	134.487	141.388	137.874	134.035		137.450	131.345	133.785	129.603	130.614	151.349
Univ of Victoria	92	148.318	140.372	140.070	150.932	163.049		149.858	153.201	140.569			
Universite Du Quebec a Trois-Rivieres	93	163.674	152.785	153.260	145.188	150.139		186.346	174.476	176.376	180.354	180.431	187.849
Saginaw Valley State Univ	94	144.463	142.222	138.824	138.403	138.247		133.085	130.652	129.682	128.621	152.774	128.124
Universidad Metropolitana	98	256.366	218.398	195.915	212.961	202.911	202.647		163.554	191.992	172.423	164.344	170.717
York College of Pennsylvania	99	187.485	154.281	156.181	149.413	159.137							
Clarkson University	100	166.906	157.512	151.019	147.620	158.159		190.358	146.482	143.918	145.400	149.198	163.238
Mississippi State Univ	101	179.248	157.826	190.240	157.740	157.649	178.077						
Lawrence Technological Univ	102	169.504	157.355	166.553	161.612	160.012		174.476	165.329	155.033	152.340	165.193	154.744
Texas Tech Univ	103	153.933	150.012	153.095	143.170	144.484							

Formula SAE Michigan 2019 Endurance Event Laptimes

School	Car	1	2	3	4	5	6	7	8	9	10	11	12
Worcester Polytechnic Inst	105	154.668	149.078	142.521	141.404	142.591		144.856	137.133	140.882	140.754	145.821	141.973
Univ of South Florida	107	148.410	150.456	138.680	136.062	135.806		146.732	140.526	135.825	133.878	135.493	140.721
Colorado Mesa University	108	182.046	169.718	176.645	169.149	167.070		175.142	156.374	162.625	151.709	166.205	176.269
US Air Force Academy	109	157.312	154.869	145.474	145.649	141.815		234.853	146.450	147.138	149.882		
US Naval Academy	110	156.410	163.902	157.747	158.674	150.450		175.361	153.099	165.960			
Lakehead Univ	111	187.826	186.982	175.583	191.216	169.266	172.542		170.335	158.052	155.139	148.588	152.488
Dalhousie Univ	113	182.159	161.332	155.828	149.647	147.025		157.808	145.995	146.664	142.514	148.222	145.210
Binghamton Univ	114	191.426											
Univ of British Columbia	115	145.341	139.057	142.186	144.212	154.749		138.625	132.705	127.783	127.815		
Columbia Univ	117	166.415	150.303	172.370	152.440								
Cooper Union	118	162.686											
Duke Univ	119	138.322	137.177	139.946	137.197	132.998		138.295	140.112	137.974		136.971	152.664
Florida Atlantic Univ	122	168.493	146.289	140.209	147.162	145.558		131.355	125.144	124.693	125.074	129.281	
Villanova Univ	123	134.546	131.822	131.393	130.187	135.856	136.365		138.677	126.199	134.845	124.151	133.018
Univ of Nebraska - Lincoln	124	161.659	158.028	155.934	152.723	150.065		152.502	148.711	152.478	148.406	148.791	161.355
Univ of Kansas - Lawrence	126	144.816	142.220										
Polytechnic Univ of Puerto Rico	131	153.641	163.154										
Univ of Pittsburgh - Pittsburgh	132	182.872	161.683	147.726	151.839	149.021							
CEFET-MG	139	127.837	130.945	132.252	136.516	138.956							

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 penalties and applicable black flag time

Michigan 2019

Team Information

Car Num	Team	Country	Engine Cylinders	Engine Displacement (cc)	Weight (kg)	Weight (lbs)
1	Universitat Stuttgart	DE	4	600	173.7	383
2	Graz Technical Univ	AT	1	510	155.1	342
5	Ecole De Technologie Superieure	CA	1	450	147.4	325
6	Univ of Akron	US	1	450	169.2	373
7	Carleton Univ	CA	1	450	162.4	358
8	Univ of Wisconsin - Madison	US	1	450	164.7	363
9	Univ of Michigan - Ann Arbor	US	4	600	196.4	433
10	AGH Univ of Science and Technology	PL	4	600	193.7	427
11	Michigan State Univ	US	4	600	193.7	427
12	Purdue Univ - W Lafayette	US	4	600	206.4	455
14	Polytechnique Montréal	CA	1	450	186	410
15	Embry-Riddle Aero Univ - Daytona Beach	US	4	600		
16	Kookmin Univ	KR	4	600	210	463
17	Bradley Univ	US	2	470	231.8	511
18	Univ of Alabama - Tuscaloosa	US	4	600	201.8	445
19	North Carolina State Univ - Raleigh	US	4	600	211.4	466
20	Florida Inst of Tech	US	4	600	243.1	536
21	Univ of Florida	US	4	600	215	474
22	Auburn Univ	US	4	600		
23	Rensselaer Polytechnic Inst	US	4	600	196.4	433
24	Univ of Toledo	US	1	450	175.1	386
25	Florida A&M Univ/Florida State Univ	US	4	600		
26	Purdue Univ - Northwest	US	4	600	206.8	456
29	Univ of Cincinnati	US	1	475	191	421
30	Univ of New Hampshire	US	1	450	201.4	444
32	Pellissippi State Community College	US	4	600	262.2	578
33	Oregon State Univ	US	1	450	146.5	323
34	Univ of Central Florida	US	4	630	212.3	468
35	Kansas State Univ	US	3	675	249	549
36	Missouri University of Science and Tech	US	4	600	209.6	462
37	Univ of Illinois - Urbana Champaign	US	4	600	193.2	426
38	Brown Univ	US	4	600	198.7	438
39	Univ of Missouri	US	4	600	213.6	471
40	Clemson Univ	US	4	600	221.8	489
41	Grand Valley State Univ	US	4	600	248.1	547
42	Univ of Kentucky	US	4	600	237.7	524
43	Minnesota State University - Mankato	US	1	450	170.1	375
44	IPN - UPIITA	MX	4	600	255.4	563
46	San Jose State University	US	3	675	197.3	435
47	Ryerson Univ	CA	4	600	205	452
48	Vaughn College of Aeronautics	US	4	600		
49	Univ of Louisiana - Lafayette	US	4	600	241.8	533
50	Univ of Michigan - Dearborn	US	2	500	201.8	445
51	Universidad Simon Bolivar	VE	4	600	226.3	499
52	Western Michigan Univ	US	4	600	215	474

Michigan 2019

Team Information

Car Num	Team	Country	Engine Cylinders	Engine Displacement (cc)	Weight (kg)	Weight (lbs)
53	Ferris State University	US	1	475		
54	Michigan Tech Univ	US	2	500	228.2	503
55	Rutgers Univ	US	1	450	166.9	368
56	National Univ of Singapore	SQ	4	600	212.3	468
58	Kennesaw State University	US	4	630	176.9	390
59	Warsaw University of Technology	PL	4	600		
61	Queen's Univ	CA	4	600		
62	Univ of Minnesota - Twin Cities	US	4	600	203.2	448
63	Washington Univ - St Louis	US	4	600	195	430
64	Univ of Maryland - College Park	US	4	600	213.6	471
65	Lehigh Univ	US	1	450	151	333
66	Univ of Waterloo	CA	4	600	208.7	460
67	Univ of Guelph	CA	4	600	203.7	449
68	Penn State Univ - University Park	US	4	600	186.4	411
69	Univ of Connecticut	US	4	600	204.6	451
70	Penn State Univ - Harrisburg	US	4	600	243.1	536
71	Univ of Puerto Rico-Mayaquez	US	4	600	218.6	482
72	Florida International Univ	US	1	475	215.5	475
73	Louisiana State Univ	US	4	600	195	430
74	Rochester Institute of Technology	US	1	450	193.2	426
75	Old Dominion Univ	US	4	600	222.7	491
76	Hope College	US	4	600	271.7	599
77	Oakland University	US	4	600	214.5	473
78	Temple Univ	US	4	600	205	452
79	Georgia Southern Univ	US	4	600	198.2	437
80	Virginia Tech	US	1	450	171	377
81	Northwestern Univ	US	4	600	207.7	458
82	Univ of North Florida	US	4	600	203.7	449
83	Univ of British Columbia - Okanagan	CA	4	600	256.3	565
84	Univ of Toronto	CA	1	450	165.1	364
85	Wroclaw University of Technology	PL	4	600	188.2	415
86	Wayne State Univ	US	4	600	197.3	435
87	California State Poly Univ - Pomona	US	4	600		
88	The Ohio State University	US	4	600	200	441
89	Tennessee Tech Univ	US	2	590	156.5	345
90	Coburg University of Applied Sciences	DE	4	600	181.9	401
91	Georgia Institute of Technology	US	4	600	217.3	479
92	Univ of Victoria	CA	4	600	211.4	466
93	Universite Du Quebec a Trois-Rivieres	CA	4	600	210.9	465
94	Saginaw Valley State Univ	US	4	600	204.6	451
95	Univ of Louisville	US	4	600		
96	Central Michigan Univ	US	4	600		
97	Washington State Univ	US	4	650	251.7	555
98	Universidad Metropolitana	VE	4	600	254.5	561
99	York College of Pennsylvania	US	2	450	182.8	403

Michigan 2019

Team Information

Car Num	Team	Country	Engine Cylinders	Engine Displacement (cc)	Weight (kg)	Weight (lbs)
100	Clarkson University	US	4	630	219.1	483
101	Mississippi State Univ	US	2	470	210	463
102	Lawrence Technological Univ	US	4	600	249	549
103	Texas Tech Univ	US	1	450	195.5	431
104	South Dakota School of Mines & Tech	US	1	690	212.7	469
105	Worcester Polytechnic Inst	US	1	450	188.7	416
106	Kettering Univ	US	1	450	155.6	343
107	Univ of South Florida	US	4	600	198.2	437
108	Colorado Mesa University	US	4	600	225.9	498
109	US Air Force Academy	US	1	450	210.5	464
110	US Naval Academy	US	2	500	210.9	465
111	Lakehead Univ	CA	4	600	247.2	545
112	Alabama A & M Univ	US	4	600		
113	Dalhousie Univ	CA	1	450	167.8	370
114	Binghamton Univ	US	4	600	299.8	661
115	Univ of British Columbia	CA	4	600	204.6	451
116	West Virginia Univ	US	1	450		
117	Columbia Univ	US	4	600	226.8	500
118	Cooper Union	US	4	600	213.2	470
119	Duke Univ	US	2	690	191.4	422
120	Universidad Autonoma Estado Mexico	MX	1	440	240	529
122	Florida Atlantic Univ	US	4	600	222.7	491
123	Villanova Univ	US	4	600	192.8	425
124	Univ of Nebraska - Lincoln	US	4	635	210.5	464
125	South Dakota State Univ	US	4	600	211.8	467
126	Univ of Kansas - Lawrence	US	4	600	210.9	465
129	California State Univ - Fullerton	US	2	690		
131	Polytechnic Univ of Puerto Rico	US	4	600	323	712
132	Univ of Pittsburgh - Pittsburgh	US	4	600	212.7	469
139	CEFET-MG	BR	4	600	209.1	461