

## Validation Michigan 2021 IC

## Overall Results

Place	Car Num	Team	Penalty	Acceleration Score	Skid Pad Score	Autocross Score	Endurance Score	Efficiency Score	Total Score
1	52	Univ of Michigan - Ann Arbor		98.0	61.0	125.0	275.0	93.3	652.2
2	19	Univ of Illinois - Urbana Champaign		100.0	46.8	116.3	242.0	79.3	584.3
3	38	Missouri University of Science and Tech		95.9	75.0	106.1	218.1	74.9	570.0
4	90	North Carolina State Univ - Raleigh		92.9	49.2	103.8	232.6	86.7	565.1
5	84	Univ of Connecticut		87.5	52.1	79.8	255.9	73.3	548.6
6	63	Purdue Univ - W Lafayette		82.3	51.3	98.5	234.4	59.5	526.0
7	22	Kettering Univ		69.8	55.8	96.1	218.4	83.1	523.2
8	18	Auburn Univ		82.9	58.4	97.5	218.1	60.0	516.7
9	46	Hope College		73.8	41.1	83.6	207.7	100.0	506.3
10	48	Louisiana State Univ		78.0	52.2	79.0	215.7	80.2	505.1
11	29	Villanova Univ	-25	96.2	54.3	85.4	217.7	62.6	491.1
12	23	Michigan State University		87.3	58.9	69.0	205.5	68.8	489.6
13	91	Univ of Wisconsin - Madison		42.2	57.3	85.2	187.1	98.3	470.2
14	78	Univ of Nebraska - Lincoln		74.8	55.2	82.8	209.9	46.6	469.3
15	49	Kansas State Univ		84.2	54.9	55.7	181.6	69.8	446.1
16	39	Saginaw Valley State Univ		68.7	52.8	77.5	165.1	69.6	433.8
17	32	Clarkson University		88.7	51.7	66.8	173.6	51.6	432.5
18	71	Western Michigan Univ		65.5	50.6	73.4	148.6	81.7	419.8
19	12	Univ of Toronto		68.4	47.8	78.2	142.2	80.8	417.5
20	92	San Jose State University				71.3	221.9	79.3	372.5
21	56	Wayne State Univ		48.7	26.4	51.9	143.8	61.0	331.7
22	74	Minnesota State University - Mankato			52.0	6.5	195.8	74.6	328.9
23	72	Univ of Puerto Rico-Mayaguez				60.1	173.3	72.3	305.8
24	58	Univ of Florida		93.9	21.9	80.8	21	69.9	287.5

## Validation Michigan 2021 IC

## Overall Results

Place	Car Num	Team	Penalty	Acceleration Score	Skid Pad Score	Autocross Score	Endurance Score	Efficiency Score	Total Score
25	66	Universidad Metropolitana		4.5	38.4	6.5	50.5	84.1	184.0
26	14	Univ of Alabama - Tuscaloosa		32.1	50.2	80.3	8		170.6
27	44	Oakland University		63.0	12.0	66.1	21		162.2
28	16	Northwestern Univ		82.2	3.5	15.7	17	33.2	151.6
29	33	Lawrence Technological Univ		39.5	29.8	62.4	11		142.7
30	61	Tennessee Tech Univ		48.5	22.7	48.2	11		130.3
31	88	Univ of North Florida		59.9	48.3	6.5	13		127.8
32	41	Virginia Tech		59.0	48.7		1		108.7
33	26	Univ of North Dakota		43.9	19.3	6.5	11		80.6
34	42	Universidad Simon Bolivar		36.8		23.5	11		71.3
35	17	Univ of Virginia	-10	27.0	11.7	21.1	11		60.8
36	86	Southern Illinois Univ - Carbondale		38.4	3.5	6.5	9		57.4
37	24	Univ of Pittsburgh - Pittsburgh					12	33.4	45.4
38	37	Cooper Union		4.5	3.5	23.8	11		42.8
39	53	Univ of Hartford				14.0	10		24.0
40	79	Colorado Mesa University		4.5	3.5		1		9.0
	21	Binghamton Univ							Tech
	36	Univ of Central Florida							Tech
	47	Univ of Toledo							Tech
	54	The Ohio State University							Tech
	93	Univ of Georgia							Tech
	20	US Naval Academy							withdrawn
	25	Florida Atlantic Univ							withdrawn
	34	Central Michigan Univ							withdrawn

Place	Car Num	Team	Penalty	Acceleration Score	Skid Pad Score	Autocross Score	Endurance Score	Efficiency Score	Total Score
	50	Duke Univ							withdrawn
	62	York College of Pennsylvania							withdrawn
	64	Ferris State University							withdrawn
	73	Georgia Institute of Technology							withdrawn
	76	Florida International Univ							withdrawn
	80	Temple Univ							withdrawn
	82	Howard Community College							withdrawn

## Acceleration Event Results

Validation Michigan 2021 IC

Minimum Time (seconds) 4.158  
 Maximum Time (seconds) 6.237 150%

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	19	Univ of Illinois - Urbana Champaign	4.272		4.272	6.666		6.666	4.167		4.167	4.158		4.158	4.158		100
2	52	Univ of Michigan - Ann Arbor	4.222		4.222	4.237		4.237	4.187		4.187	4.410		4.410	4.187		97.98
3	29	Villanova Univ	4.443		4.443	4.287		4.287	4.397		4.397	4.214		4.214	4.214		96.17
4	38	Missouri University of Science and Tech	4.219		4.219	4.238		4.238	4.365		4.365	4.404		4.404	4.219		95.86
5	58	Univ of Florida	5.094		5.094	4.248		4.248	4.255		4.255			DNA	4.248		93.9
6	90	North Carolina State Univ - Raleigh	4.264		4.264	4.731		4.731			DNA			DNA	4.264		92.89
7	32	Clarkson University	4.490		4.490	4.328		4.328	4.994		4.994	4.399		4.399	4.328		88.75
8	84	Univ of Connecticut	4.348		4.348	4.444		4.444			DNA			DNA	4.348		87.47
9	23	Michigan State University	4.485		4.485	4.357		4.357	4.481		4.481	4.352		4.352	4.352		87.25
10	49	Kansas State Univ	4.511		4.511	4.698		4.698	4.534		4.534	4.401		4.401	4.401		84.17
11	18	Auburn Univ	5.418		5.418	4.422		4.422	5.449		5.449	5.288		5.288	4.422		82.87
12	63	Purdue Univ - W Lafayette	4.479		4.479	4.432		4.432	4.513		4.513	4.444		4.444	4.432		82.29
13	16	Northwestern Univ	5.125		5.125	4.433		4.433			DNA			DNA	4.433		82.21
14	48	Louisiana State Univ	4.504		4.504	5.296		5.296			DNA			DNA	4.504		77.96
15	78	Univ of Nebraska - Lincoln	4.709		4.709	4.637		4.637	4.559		4.559	4.886		4.886	4.559		74.81
16	46	Hope College	4.696		4.696	4.715		4.715	4.576		4.576	4.712		4.712	4.576		73.83
17	22	Kettering Univ	4.669		4.669	4.648		4.648			DNA			DNA	4.648		69.81
18	39	Saginaw Valley State Univ	4.942		4.942	4.860		4.860	5.213		5.213	4.668		4.668	4.668		68.71
19	12	Univ of Toronto	4.862		4.862	4.673		4.673			DNA			DNA	4.673		68.41
20	71	Western Michigan Univ	8.560		8.560	4.728		4.728			DNA			DNA	4.728		65.47
21	44	Oakland University	6.834		6.834	5.034		5.034	4.838		4.838	4.775		4.775	4.775		62.97
22	88	Univ of North Florida	4.949		4.949	4.834		4.834	5.264		5.264	5.362		5.362	4.834		59.94
23	41	Virginia Tech	5.696		5.696	4.852		4.852			DNA			DNA	4.852		59.02
24	56	Wayne State Univ	5.066		5.066			DNA			DNA			DNA	5.066		48.66
25	61	Tennessee Tech Univ	5.519		5.519	5.110		5.110	5.070		5.070	5.444		5.444	5.070		48.47
26	26	Univ of North Dakota	5.381		5.381	5.171		5.171	5.448		5.448	5.756		5.756	5.171		43.87
27	91	Univ of Wisconsin - Madison	5.208		5.208	32.244		32.244	35.553		35.553	10.236		10.236	5.208		42.24
28	33	Lawrence Technological Univ	5.271		5.271	15.048		15.048			DNA			DNA	5.271		39.52
29	86	Southern Illinois Univ - Carbondale	5.724		5.724	5.297		5.297	11.306		11.306	5.625		5.625	5.297		38.38

## Acceleration Event Results

Validation Michigan 2021 IC

Minimum Time (seconds) 4.158  
 Maximum Time (seconds) 6.237 150%

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
30	42	Universidad Simon Bolivar	6.079		6.079	6.285		6.285	5.334		5.334	5.655		5.655	5.334		36.85
31	14	Univ of Alabama - Tuscaloosa	6.367		6.367	5.449		5.449			DNA			DNA	5.449		32.12
32	17	Univ of Virginia	5.727		5.727	5.580		5.580	6.522		6.522	7.144		7.144	5.580		27.01
33 T	37	Cooper Union	8.254		8.254	6.435		6.435	6.897		6.897	7.287		7.287	6.435		4.5
33 T	66	Universidad Metropolitana	6.601		6.601	13.546		13.546			DNA			DNA	6.601		4.5
33 T	79	Colorado Mesa University	8.988		8.988	8.909		8.909			DNA			DNA	8.909		4.5
	20	US Naval Academy			DNA			DNA			DNA			DNA	DNA		
	21	Binghamton Univ			DNA			DNA			DNA			DNA	DNA		
	24	Univ of Pittsburgh - Pittsburgh			DNA			DNA			DNA			DNA	DNA		
	25	Florida Atlantic Univ			DNA			DNA			DNA			DNA	DNA		
	34	Central Michigan Univ			DNA			DNA			DNA			DNA	DNA		
	36	Univ of Central Florida			DNA			DNA			DNA			DNA	DNA		
	47	Univ of Toledo			DNA			DNA			DNA			DNA	DNA		
	50	Duke Univ			DNA			DNA			DNA			DNA	DNA		
	53	Univ of Hartford			DNA			DNA			DNA			DNA	DNA		
	54	The Ohio State University			DNA			DNA			DNA			DNA	DNA		
	62	York College of Pennsylvania			DNA			DNA			DNA			DNA	DNA		
	64	Ferris State University			DNA			DNA			DNA			DNA	DNA		
	72	Univ of Puerto Rico-Mayaguez			DNA			DNA			DNA			DNA	DNA		
	73	Georgia Institute of Technology			DNA			DNA			DNA			DNA	DNA		
	74	Minnesota State University - Mankato			DNA			DNA			DNA			DNA	DNA		
	76	Florida International Univ			DNA			DNA			DNA			DNA	DNA		
	80	Temple Univ			DNA			DNA			DNA			DNA	DNA		
	82	Howard Community College			DNA			DNA			DNA			DNA	DNA		
	92	San Jose State University			DNA			DNA			DNA			DNA	DNA		
	93	Univ of Georgia			DNA			DNA			DNA			DNA	DNA		

## Skidpad Event Results

Validation Michigan 2021 IC

Minimum Time (seconds) 5.100  
 Maximum Time (seconds) 6.375 125%

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	38	Missouri University of Science and Tech	5.373	5.170		5.271	5.153	5.513		5.333	5.267	5.063	4	5.665	5.140	5.060		5.100	5.100		75
2	52	Univ of Michigan - Ann Arbor	5.390	5.250		5.320	5.264	5.500		5.382	5.607	5.407		5.507	5.174	5.407		5.290	5.290		60.99
3	23	Michigan State University	5.840	5.810		5.825	5.700	5.390	1	5.670	5.374	5.280		5.327	5.250	5.390		5.320	5.320		58.91
4	18	Auburn Univ	5.720	5.500		5.610	5.390	5.700	1	5.670	5.593	5.390	3	5.866	5.377	5.280		5.328	5.328		58.37
5	91	Univ of Wisconsin - Madison	5.606	5.623	2	5.864	5.514	5.497		5.505	5.466			DNF	5.500	5.186		5.343	5.343		57.35
6	22	Kettering Univ	5.483	5.577		5.530	5.250	5.483		5.366				DNA				DNA	5.366		55.8
7	78	Univ of Nebraska - Lincoln	5.277	5.606		5.441	5.360	5.827		5.593	5.267	5.484		5.375				DNA	5.375		55.2
8	49	Kansas State Univ	5.360	5.720		5.540	5.500	5.483	1	5.616	5.607	5.496	1	5.676	5.480	5.280		5.380	5.380		54.87
9	29	Villanova Univ	5.403	5.373		5.388	5.513	5.390		5.451				DNA				DNA	5.388		54.34
10	39	Saginaw Valley State Univ	6.156	5.734	1	6.070	5.827	5.390		5.608	5.577	5.497		5.537	5.573	5.250		5.411	5.411		52.83
11	48	Louisiana State Univ	5.717	5.577		5.647	5.577	5.263		5.420				DNA				DNA	5.420		52.24
12	84	Univ of Connecticut	5.250	5.594		5.422	5.356	5.607		5.481				DNA				DNA	5.422		52.11
13	74	Minnesota State University - Mankato	29.447			DNF	5.470	5.377		5.423	5.373	5.700		5.536				DNA	5.423		52.05
14	32	Clarkson University	5.687	5.387		5.537	5.484	5.373		5.428				DNA				DNA	5.428		51.72
15	63	Purdue Univ - W Lafayette	5.606	5.263		5.434	5.733	5.186		DNF	6.373	5.826		6.099	5.717	5.280		5.498	5.434		51.34
16	71	Western Michigan Univ	6.047	5.716	2	6.131	5.593	5.297		5.445				DNA				DNA	5.445		50.63
17	14	Univ of Alabama - Tuscaloosa	5.810	5.157		5.483	5.263	5.140	2	5.451				DNA				DNA	5.451		50.25
18	90	North Carolina State Univ - Raleigh	5.470	5.466		5.468	5.577	5.466		5.521	5.140	5.153	3	5.521				DNA	5.468		49.17
19	41	Virginia Tech	6.030	5.513		5.771	5.577	5.374		5.475	5.920	6.470	3	6.570	6.030	5.827	3	6.303	5.475		48.73
20	88	Univ of North Florida	10.403			DNF	5.607	5.356		5.481	5.700	5.593	1	5.771	5.920	5.497	2	5.958	5.481		48.35
21	12	Univ of Toronto	5.373	5.356	1	5.489	5.577	5.856	1	5.841				DNA				DNA	5.489		47.85
22	19	Univ of Illinois - Urbana Champaign	6.034			DNF	5.857	6.060		5.958	5.513	5.500		5.506	5.280	5.293	3	5.661	5.506		46.79
23	46	Hope College	6.060	6.076		6.068	5.937	5.827		5.882	5.606	5.594		5.600	5.734	5.734		5.734	5.600		41.12
24	66	Universidad Metropolitana	5.903	5.590	3	6.121	5.700	5.593		5.646				DNA				DNA	5.646		38.44
25	33	Lawrence Technological Univ	5.704	6.377	4	6.540	5.810	5.797		5.803				DNA				DNA	5.803		29.79
26	56	Wayne State Univ	6.360	6.470		6.415	5.693	6.046		5.869				DNA				DNA	5.869		26.36
27	61	Tennessee Tech Univ	6.170	5.717		5.943	6.153	5.733		5.943	6.700	6.170		6.435	6.610	5.720		6.165	5.943		22.65
28	58	Univ of Florida	6.793	5.703		6.248	5.937	6.576	3	6.631	6.610	6.390	1	6.625	5.840	5.826	1	5.958	5.958		21.92
29	26	Univ of North Dakota	6.120	5.907		6.013	6.234	6.123		6.178	6.233	5.920	1	6.201				DNF	6.013		19.27
30	44	Oakland University	6.154	5.903	4	6.528	5.703	6.140	2	6.171				DNA				DNA	6.171		12.04
31	17	Univ of Virginia	6.373	6.373	2	6.623	6.343	6.390	1	6.491	6.670	6.340		6.505	6.170	6.186		6.178	6.178		11.74
32	T 79	Colorado Mesa University	6.936			DNF	6.470	6.360		6.415				DNA				DNA	6.415		3.5
32	T 16	Northwestern Univ	7.374	7.323	2	7.598	7.000	6.343		6.671				DNA				DNA	6.671		3.5
32	T 86	Southern Illinois Univ - Carbondale	9.730	8.530		9.130	7.870	7.436		7.653	6.123	6.780	5	7.076	7.433	6.997		7.215	7.076		3.5
32	T 37	Cooper Union				DNF	7.340	6.810	6	7.825				DNA				DNA	7.825		3.5
		20 US Naval Academy				DNA				DNA				DNA				DNA	DNA		
		21 Binghamton Univ				DNA				DNA				DNA				DNA	DNA		
		24 Univ of Pittsburgh - Pittsburgh				DNA				DNA				DNA				DNA	DNA		

## Skidpad Event Results

Validation Michigan 2021 IC

Minimum Time (seconds) 5.100  
 Maximum Time (seconds) 6.375 125%

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			
	25	Florida Atlantic Univ				DNA				DNA				DNA				DNA	DNA		
	34	Central Michigan Univ				DNA				DNA				DNA				DNA	DNA		
	36	Univ of Central Florida				DNA				DNA				DNA				DNA	DNA		
	42	Universidad Simon Bolivar				DNA				DNA				DNA				DNA	DNA		
	47	Univ of Toledo				DNA				DNA				DNA				DNA	DNA		
	50	Duke Univ				DNA				DNA				DNA				DNA	DNA		
	53	Univ of Hartford				DNA				DNA				DNA				DNA	DNA		
	54	The Ohio State University				DNA				DNA				DNA				DNA	DNA		
	62	York College of Pennsylvania				DNA				DNA				DNA				DNA	DNA		
	64	Ferris State University				DNA				DNA				DNA				DNA	DNA		
	72	Univ of Puerto Rico-Mayaquez				DNA				DNA				DNA				DNA	DNA		
	73	Georgia Institute of Technology				DNA				DNA				DNA				DNA	DNA		
	76	Florida International Univ				DNA				DNA				DNA				DNA	DNA		
	80	Temple Univ				DNA				DNA				DNA				DNA	DNA		
	82	Howard Community College				DNA				DNA				DNA				DNA	DNA		
	92	San Jose State University				DNA				DNA				DNA				DNA	DNA		
	93	Univ of Georgia				DNA				DNA				DNA				DNA	DNA		

## Autocross Event Results

Validation Michigan 2021 IC

Minimum Time (seconds) 53.275 Cone Penalty (seconds) 2  
 Maximum Time (seconds) 77.249 145% 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	52	Univ of Michigan - Ann Arbor	54.903			54.903	55.165			55.165	53.275			53.275	53.322			53.322	53.275		125
2	19	Univ of Illinois - Urbana Champaign	61.198			61.198	58.653			58.653	56.507			56.507	54.523			54.523	54.523		116.26
3	38	Missouri University of Science and Tech	61.831		1	61.831	60.000			60.000	57.265			57.265	56.047			56.047	56.047		106.11
4	90	North Carolina State Univ - Raleigh	57.234			57.234	56.838	2		60.838	57.380	1		59.380	56.409			56.409	56.409		103.79
5	63	Purdue Univ - W Lafayette	57.194	2		61.194	57.253			57.253	59.690	1		61.690	58.327	2		62.327	57.253		98.47
6	18	Auburn Univ	71.484			71.484	58.966			58.966	57.415			57.415	58.867	1		60.867	57.415		97.47
7	22	Kettering Univ	63.283		1	83.283	60.477			60.477	60.083			60.083	57.638			57.638	57.638		96.1
8	29	Villanova Univ	61.218			61.218	59.009	2		63.009	60.606			60.606	59.447			59.447	59.447		85.36
9	91	Univ of Wisconsin - Madison	69.797		1	89.797	59.469			59.469	62.461		1	82.461				DNA	59.469		85.23
10	46	Hope College	62.972	1		64.972	60.127			60.127	59.746			59.746	59.382	1		61.382	59.746		83.65
11	78	Univ of Nebraska - Lincoln	66.647	5	1	96.647	64.091			64.091	59.889			59.889	60.330			60.330	59.889		82.83
12	58	Univ of Florida	62.211		1	82.211	61.989			61.989	62.085			62.085	60.253			60.253	60.253		80.78
13	14	Univ of Alabama - Tuscaloosa	58.911	1	1	80.911	70.650	1	2	112.650	60.344			60.344	57.772	3		63.772	60.344		80.27
14	84	Univ of Connecticut	68.210	2		72.210	60.451			60.451	59.951	1		61.951	60.432			60.432	60.432		79.78
15	48	Louisiana State Univ	62.970	1		64.970	60.565			60.565	59.947		2	99.947	63.729			63.729	60.565		79.04
16	12	Univ of Toronto	61.576		1	81.576	60.714			60.714	95.315	1	3	157.315	58.519		1	78.519	60.714		78.22
17	39	Saginaw Valley State Univ				DNF	67.134		1	87.134	62.441			62.441	60.843			60.843	60.843		77.51
18	71	Western Michigan Univ	66.876			66.876	63.983			63.983	59.595	1		61.595	57.936		1	77.936	61.595		73.42
19	92	San Jose State University	68.402	2	2	112.402	66.985	1		68.985	61.997			61.997				DNA	61.997		71.28
20	23	Michigan State University	66.781			66.781	63.914			63.914		1		DNF	62.423			62.423	62.423		69.04
21	32	Clarkson University	64.125			64.125	60.846	1		62.846	77.172		1	97.172	72.864			72.864	62.846		66.85
22	44	Oakland University	65.208	2	1	89.208	64.777			64.777	62.139	2	1	86.139	62.983			62.983	62.983		66.15
23	33	Lawrence Technological Univ	63.090		1	83.090	63.718			63.718	68.532		3	128.532			2	DNF	63.718		62.42
24	72	Univ of Puerto Rico-Mayaguez	77.234	1	1	99.234	83.026		3	143.026	60.586	1	1	82.586	62.175	1		64.175	64.175		60.15
25	49	Kansas State Univ	61.854	2		65.854	69.100	2		73.100	61.086	2		65.086	58.938		2	98.938	65.086		55.71
26	56	Wayne State Univ	64.959	1	1	86.959	65.884			65.884				DNF				DNA	65.884		51.93
27	61	Tennessee Tech Univ	69.316	1		71.316	64.697	1		66.697	68.650	4	1	96.650	64.653		1	84.653	66.697		48.16
28	37	Cooper Union	80.117			80.117	72.483			72.483	70.109		3	130.109	72.160	2		76.160	72.483		23.82
29	42	Universidad Simon Bolivar	78.500	1	1	100.500	80.148	8		96.148	70.750	1		72.750	70.574	1		72.574	72.574		23.46
30	17	Univ of Virginia	76.704		1	96.704	73.202			73.202	123.346	1	2	165.346	73.068	3	2	119.068	73.202		21.06
31	16	Northwestern Univ	78.727	1		80.727	74.633			74.633	67.964		1	87.964	63.556		1	83.556	74.633		15.73
32	53	Univ of Hartford	67.481	2	3	131.481	62.009		3	122.009	71.120	2		75.120	67.593	5		77.593	75.120		13.96
33	T 86	Southern Illinois Univ - Carbondale	79.681		3	139.681	80.121	1		82.121	82.059			82.059	72.565	4		80.565	80.565		6.5



## Autocross Event Results

Validation Michigan 2021 IC

Minimum Time (seconds) 53.275  
 Maximum Time (seconds) 77.249 145%

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	T 74	Minnesota State University - Mankato	65.941		1	85.941			DNF									DNA	85.941		6.5
33	T 66	Universidad Metropolitana	73.269		2	113.269	72.402		1	92.402	86.648							DNF	86.648		6.5
33	T 88	Univ of North Florida	63.517	2	1	87.517	111.517		4	191.517	125.446		4	205.446	60.058		3	120.058	87.517		6.5
33	T 26	Univ of North Dakota		1	1	DNF	63.135		3	123.135	77.453		1	97.453	72.073		1	92.073	92.073		6.5
	20	US Naval Academy				DNA				DNA								DNA	DNA		
	21	Binghamton Univ				DNA				DNA								DNA	DNA		
	24	Univ of Pittsburgh - Pittsburgh				DNA				DNA								DNA	DNA		
	25	Florida Atlantic Univ				DNA				DNA								DNA	DNA		
	34	Central Michigan Univ				DNA				DNA								DNA	DNA		
	36	Univ of Central Florida				DNA				DNA								DNA	DNA		
	41	Virginia Tech				DNA				DNA								DNA	DNA		
	47	Univ of Toledo				DNA				DNA								DNA	DNA		
	50	Duke Univ				DNA				DNA								DNA	DNA		
	54	The Ohio State University				DNA				DNA								DNA	DNA		
	62	York College of Pennsylvania				DNA				DNA								DNA	DNA		
	64	Ferris State University				DNA				DNA								DNA	DNA		
	73	Georgia Institute of Technology				DNA				DNA								DNA	DNA		
	76	Florida International Univ				DNA				DNA								DNA	DNA		
	79	Colorado Mesa University				DNA				DNA								DNA	DNA		
	80	Temple Univ				DNA				DNA								DNA	DNA		
	82	Howard Community College				DNA				DNA								DNA	DNA		
	93	Univ of Georgia				DNA				DNA								DNA	DNA		

## Endurance Event Results

Validation Michigan 2021 IC

Minimum Time (seconds) 1508.154  
 Maximum Time (seconds) 2186.824 145%

2 20 sec

Place	Car Num	Team	Time	Laps	Cones	Off Course	Other Penalty	Adjusted Time	Endurance Score
1	52	Univ of Michigan - Ann Arbor	1464.154	22	7		30	1508.154	275
2	84	Univ of Connecticut	1528.742	22	8			1544.742	255.9
3	19	Univ of Illinois - Urbana Champaign	1525.628	22	6	1	15	1572.628	242.0
4	63	Purdue Univ - W Lafayette	1578.169	22	5			1588.169	234.4
5	90	North Carolina State Univ - Raleigh	1548.006	22	7		30	1592.006	232.6
6	92	San Jose State University	1590.601	22	2	1		1614.601	221.9
7	22	Kettering Univ	1614.139	22	4			1622.139	218.4
8	38	Missouri University of Science and Tech	1590.721	22	1		30	1622.721	218.1
9	18	Auburn Univ	1562.835	22	10	2		1622.835	218.1
10	29	Villanova Univ	1617.622	22	3			1623.622	217.7
11	48	Louisiana State Univ	1605.922	22	11			1627.922	215.7
12	78	Univ of Nebraska - Lincoln	1614.767	22	3	1		1640.767	209.9
13	46	Hope College	1629.653	22	8			1645.653	207.7
14	23	Michigan State University	1616.547	22	7	1		1650.547	205.5
15	74	Minnesota State University - Mankato	1630.608	22	11	1		1672.608	195.8
16	91	Univ of Wisconsin - Madison	1672.846	22		1		1692.846	187.1
17	49	Kansas State Univ	1645.913	22	10	2		1705.913	181.6
18	32	Clarkson University	1719.399	22	3			1725.399	173.6
19	72	Univ of Puerto Rico-Mayaguez	1724.090	22	1			1726.090	173.3
20	39	Saginaw Valley State Univ	1676.295	22	5	3		1746.295	165.1
21	71	Western Michigan Univ	1738.812	22	15	1		1788.812	148.6
22	56	Wayne State Univ	1785.592	22	8			1801.592	143.8
23	12	Univ of Toronto	1671.931	22	2	5	30	1805.931	142.2
24	66	Universidad Metropolitana	2034.902	22	8	2		2090.902	50.5
	58	Univ of Florida	1572.176	21	6			DNF	21
	44	Oakland University	1655.804	21	21	1		DNF	21
	16	Northwestern Univ	1567.220	17	11	1		DNF	17
	88	Univ of North Florida	1130.471	13	7			DNF	13
	24	Univ of Pittsburgh - Pittsburgh	978.870	12	9	3		DNF	12
	33	Lawrence Technological Univ	830.805	11	6	1		DNF	11
	37	Cooper Union	968.541	11	2			DNF	11
	26	Univ of North Dakota	1001.474	11	13	2		DNF	11
	17	Univ of Virginia	1029.825	11	7	1	30	DNF	11
	61	Tennessee Tech Univ	1034.908	11	2			DNF	11
	42	Universidad Simon Bolivar	1113.024	11	6			DNF	11
	53	Univ of Hartford	945.650	10	6	4		DNF	10
	86	Southern Illinois Univ - Carbondale	1037.052	9				DNF	9
	14	Univ of Alabama - Tuscaloosa	577.509	8	3	1		DNF	8
	41	Virginia Tech	95.676	1				DNF	1
	79	Colorado Mesa University	204.438	1				DNF	1



**Formula SAE Michigan Combustion 2021  
Endurance Event Laptimes**

School	Car	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Univ of Toronto	12	74.656	74.485	73.595	72.719	76.857	72.926	72.788	73.626	71.711	73.403	74.222		75.623	76.143	84.385	77.828	76.027	76.560	76.621	78.136	79.739	80.004	79.877
Univ of Alabama - Tuscaloosa	14	77.329	74.452	71.309	70.924	70.306	70.714	70.515	71.960															
Northwestern Univ	16	100.571	94.623	89.775	89.739	87.372	99.228	97.996	89.954	89.862	101.341	96.308		80.756	98.100	84.165	90.683	90.031	86.716					
Univ of Virginia	17	101.475	97.790	88.176	89.092	89.170		88.722	87.527	86.142	84.708	86.196	130.827											
Auburn Univ	18	76.945	73.983	72.255	70.489	69.920	72.148	74.069	70.974	69.965	72.075	71.012	71.950		69.368	66.789	65.784	69.652	76.615	68.398	67.960	67.984	73.409	71.091
Univ of Illinois - Urbana Champaign	19	72.021	70.359	68.581	67.539	65.536	66.082	66.453	66.181	66.249	64.999	64.840		74.560	72.049	71.903	71.038	71.425	70.800	69.544	69.369	70.807	69.512	75.781
Kettering Univ	22	76.988	77.465	71.462	73.228	72.065	72.728	72.931	70.424	70.374	77.227	73.825	75.124		78.621	73.312	72.416	69.421	71.369	72.111	71.570	73.946	74.156	73.376
Michigan State University	23	79.847	74.946	73.912	75.295	73.163	72.266	71.386	71.211	71.739	72.741	74.482		83.502	75.957	70.329	69.414	71.008	70.207	70.690	70.680	73.887	77.150	72.735
Univ of Pittsburgh - Pittsburgh	24	92.766	83.933	91.712	79.912	78.201	79.922	82.520	79.584	76.866	74.597	76.284	82.573											
Univ of North Dakota	26	82.207	100.567	80.391	82.895	83.560		80.243	79.400	79.005	81.019	167.625	84.562											
Villanova Univ	29	71.613	71.583	71.418	71.785	74.393	76.238	76.051	74.089	73.654	73.307	75.830		72.267	71.847	71.005	73.054	73.544	74.609	74.229	73.530	73.956	74.157	75.463
Clarkson University	32	87.694	83.325	82.109	84.190	84.538	87.297	80.570	79.615	79.332	84.393	80.644		76.758	73.413	72.187	72.747	73.002	72.284	72.526	73.575	72.578	72.832	73.790
Lawrence Technological Univ	33	80.009	75.339	73.103	74.449	74.399	75.802	76.673	73.859	75.842	76.317	75.013												
Cooper Union	37	92.404	87.935	84.524	87.698	85.656	88.182	87.541	88.363	87.625	88.317	90.296												
Missouri University of Science and Tech	38	73.009	69.834	71.033	70.121	71.279	71.164	70.985	73.408	74.571	73.142	72.061		72.640	72.425	72.587	73.060	73.514	72.932	73.160	71.718	73.792	73.087	71.199
Saginaw Valley State Univ	39	83.280	76.637	75.702	74.313	73.493	75.247	74.359	73.442	75.191	73.675	73.600		79.826	79.234	77.853	79.771	74.724	75.559	75.942	74.894	75.644	76.775	77.134
Virginia Tech	41	95.676																						
Universidad Simon Bolivar	42	118.095	105.236	107.411	104.314	102.309	96.317	93.512	93.908	97.321	98.417	96.184												
Oakland University	44	80.181	79.105	80.339	74.983	76.963	76.525	77.454	77.942	77.959	77.984	81.409		83.385	79.607	78.280	80.334	79.470	76.934	79.930	79.918	78.644	78.458	
Hope College	46	78.593	76.224	75.226	75.829	74.897	74.853	74.899	73.790	74.840	79.885	80.223		74.070	72.407	71.798	70.548	71.150	72.283	73.551	72.195	70.475	70.710	71.207
Louisiana State Univ	48	82.385	71.546	73.489	69.552	71.580	70.503	73.008	70.932	71.707	70.870	71.266		75.226	73.926	72.986	74.180	73.809	71.590	74.638	73.394	72.626	72.803	73.906
Kansas State Univ	49	85.105	76.326	73.425	74.062	76.017	74.134	76.856	74.270	76.244	75.388	73.905	73.948		76.471	73.490	74.871	71.888	72.281	79.494	72.147	70.695	73.372	71.524
Univ of Michigan - Ann Arbor	52	68.590	67.082	67.083	66.972	66.191	66.539	66.239	67.752	66.713	66.035	66.308		66.526	66.294	65.115	65.556	66.610	66.019	65.746	66.122	66.785	66.931	66.946
Univ of Hartford	53	87.834	123.026	85.571	101.899	97.419	90.471	89.035	88.417	92.308	89.670													
Wayne State Univ	56	103.261	78.403	77.485	77.686	75.695	76.272	75.802	75.732	75.062	74.845	79.460		83.397	81.183	88.019	81.665	81.055	81.541	81.151	80.792	82.391	83.489	91.206
Univ of Florida	58	78.514	78.898	79.254	77.950	75.325	76.530	74.767	74.836	74.027	73.542	75.454		76.100	73.814	73.239	72.463	71.993	71.227	71.496	70.946	78.842	72.959	
Tennessee Tech Univ	61	84.763	85.815	84.332	85.816	85.413	99.534	105.691	96.687	106.316	89.956	110.585												
Purdue Univ - W Lafayette	63	78.302	75.170	70.678	70.613	71.204	70.489	76.957	73.567	74.220	72.879	75.268		71.119	68.677	67.979	68.037	70.057	70.573	70.583	69.792	71.353	70.198	70.454
Universidad Metropolitana	66	81.829	81.669	87.649	84.317	84.880	81.958	87.682	83.206	83.373	84.405	83.063	196.070		87.676	92.194	89.915	99.898	92.314	89.931	86.906	88.118	92.027	95.822
Western Michigan Univ	71	106.363	76.227	76.672	74.628	75.222	76.798	72.673	90.097	75.981	76.076	75.789		77.422	77.089	82.380	77.420	95.370	76.799	73.657	73.532	75.143	76.939	76.535
Univ of Puerto Rico-Mayaquez	72	85.672	80.220	76.971	72.454	74.629	74.909	74.970	75.574	76.197	79.298	78.813		78.288	79.191	78.153	78.945	78.794	78.980	76.253	73.946	73.491	80.804	97.538
Minnesota State University - Mankato	74	71.900	70.474	80.302	72.457	72.884	72.443	85.129	71.583	71.981	74.428	78.597		76.365	73.868	76.454	69.876	75.632	73.653	72.956	71.428	72.556	72.108	73.534
Univ of Nebraska - Lincoln	78	74.009	72.300	73.785	71.770	70.859	71.479	71.237	71.284	71.799	72.195	71.435		75.659	75.657	75.613	77.823	72.991	71.775	76.266	75.282	75.776	75.145	70.628
Colorado Mesa University	79	204.438																						
Univ of Connecticut	84	75.604	71.401	68.816	70.220	70.776	68.984	69.419	69.729	68.947	68.452	69.282		73.657	70.618	70.269	68.362	67.250	67.263	68.152	68.950	67.491	67.290	67.810
Southern Illinois Univ - Carbondale	86	116.370	119.401	109.625	135.887	126.534	107.351	106.392	105.610	109.882														
Univ of North Florida	88	82.048	83.821	77.288	75.908	76.237	75.436	76.742	79.845	77.434	85.530	86.618		96.999	156.565									
North Carolina State Univ - Raleigh	90	70.240	88.108	68.617	68.271	67.632	69.837	69.850	69.229	69.234	68.297	67.788		72.133	70.709	69.565	70.316	72.412	68.719	68.375	68.458	70.562	70.186	69.468
Univ of Wisconsin - Madison	91	72.986	70.549	68.911	69.291	69.915	69.943	69.123	69.975	70.763	75.786	74.509		73.495	71.827	70.450	72.311	71.973	71.465	71.426	70.799	72.052	72.604	172.693
San Jose State University	92	72.923	71.260	80.698	70.911	69.309	69.197	70.710	71.165	72.292	70.313	72.988		73.954	81.709	73.566	70.987	71.040	71.375	73.207	70.964	72.025	70.547	69.641

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