

# S4E

## Michigan 2014

Place	Car Num	E E B B B B B B B B B B B B B B B B B B		Cost Score	Presentation Score	Design Score	Acceleration Score	Skid Pad Score	Autocross Score	Endurance Score	Efficiency Score	Total Score
1	23	Oregon State Univ		56.5	44.6	129	59.1	50.0	150.0	300.0	87.4	876.6
2	21	Technical Univ of Munich		49.6	61.7	110	61.2	38.1	142.8	294.0	82.8	840.2
3	1	Universitat Stuttgart		68.5	72.9	110	59.0	40.4	122.0	273.7	87.8	834.3
4	112	FH - Joanneum Graz		57.7	61.8	110	64.1	40.9	116.5	271.0	75.9	797.8
5	3	Univ of Akron		67.5	50.0	124	52.5	35.0	119.0	251.6	88.8	788.3
6	5	Université Laval		71.5	50.8	127	58.7	39.3	93.7	250.9	60.8	752.7
7	12	Auburn Univ		72.2	50.5	100	59.9	27.8	100.1	234.9	81.7	727.1
8	36	Univ of Michigan - Ann Arbor		57.8	54.7	114	56.2	22.6	111.7	245.9	62.7	725.5
9	10	Univ of Florida		66.9	74.2	100	55.4	30.0	101.0	226.9	70.9	725.4
10	8	Centro Universitario Da FEI		82.2	58.5	100	59.7	38.9	91.1	191.5	92.2	714.1
11	15	Univ of Kansas - Lawrence		57.7	65.6	110	64.2	32.0	103.6	194.5	60.0	687.6
12		Missouri University of Science and Tech		71.1	65.5	100	58.3	35.2	104.1	161.0	55.8	650.9
13	84	Purdue Univ - W Lafayette		67.6	61.7	100	58.4	22.7	101.0	190.8	47.6	649.9
14	22	California State Poly Univ - Pomona		72.7	62.2	100	54.6	28.3	91.7	180.2	58.9	648.5
15	43	San Jose State University		69.4	56.0	80	58.2	30.7	115.6	168.2	58.5	636.6
16	60	Univ of Western Ontario		42.6	57.0	80	66.4	38.2	82.7	198.5	55.5	620.8
17	17	Univ of Illinois - Urbana Champaign		63.1	59.8	100	62.7	20.9	82.3	162.1	68.4	619.3
18	80	Kookmin Univ		85.0	59.1	80	59.7	22.5	79.5	171.2	53.6	610.6
19	62	Univ of Missouri		64.9	56.5	100	64.3	37.3	71.3	120.0	51.5	565.8
20	82	Univ of Connecticut		68.5	57.3	100	50.2	24.8	52.1	138.9	60.5	552.3
21	32	Univ of Minnesota - Twin Cities		57.4	63.7	80	48.4	15.2	75.9	144.1	66.1	550.8
22	126	Univ of Waterloo		67.4	45.2	110	52.6	31.3	83.9	111.6	33.3	535.2
23	65	Universite Du Quebec a Trois-Rivieres		68.5	49.1	80	54.8	23.7	106.0	88.8	61.3	532.2
24	44	Ohio State Univ		59.7	62.2	128	61.4	26.4	91.1	18.0	69.4	516.2
25	38	National Univ of Singapore		64.4	70.4	100	69.7	17.4	37.6	82.3	63.2	505.1
26	88	California Polytechnic State Univ-SLO		55.0	59.0	100	45.8	25.9	70.6	66.6	75.3	498.1
27	47	Univ of Michigan - Dearborn		74.9	48.8	60	44.5	19.2	74.6	134.9	40.8	497.6



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28	11	Instituto Maua de Tecnologia		67.0	47.0	80	51.5	26.9	46.8	96.5	66.6	482.3
29	14	Karlsruhe Institute of Technology		56.7	74.4	140	34.6	38.3	124.5	10.0		478.4
30	66	Fachhochschule Hamburg		56.3	74.2	100	56.6	44.6	140.1	2.0		473.8
31	113	Univ of Wisconsin - Madison		79.4	66.5	130	52.6	36.4	92.3	9.0		466.3
32	57	Univ of Toledo		71.1	40.8	100	68.7	35.0	98.7	11.0	40.2	465.4
33	98	Rose Hulman Inst of Tech		76.0	50.7	60	32.7	16.0	47.2	100.5	62.8	446.0
34	114	Virginia Tech		71.2	75.0	100	46.7	29.8	108.3	10.0		440.9
35	31	Georgia Institute of Technology		76.8	58.0	80	38.6	8.3	61.8	74.7	40.3	438.4
36	50	Saginaw Valley State Univ		69.4	64.8	80	75.0	28.3	84.0	20.0		421.5
37	79	Old Dominion Univ		58.0	38.2	60	34.7	19.7	49.0	97.8	56.4	413.7
38	4	Ecole De Technologie Superieure		58.3	47.3	150	21.3	43.8	82.8	8.0		411.5
39	103	Univ of Evansville		72.4	44.6	80	33.7	7.4	47.4	72.7	53.1	411.3
40	108	Louisiana State Univ		62.2	63.3	80	45.8	18.2	46.2	58.0	36.0	409.7
41	34	Carleton Univ		71.2	41.8	80	14.5	17.3	20.6	64.5	97.7	407.6
42	111	Univ of Manitoba		62.9	70.1	100	40.1	11.3	36.5	17.0	64.6	402.6
43	9	Michigan State Univ		69.5	74.5	100	52.1	19.0	66.3	20.0		401.3
44	6	Cornell Univ		62.0	51.8	118	59.2	37.8	64.7	4.0		397.6
45	56	Univ of Oklahoma		59.3	48.1	80	17.3	22.6	7.5	85.9	58.8	379.4
46	25	Universidad Simon Bolivar		83.2	61.5	80	40.7	19.4	80.4	10.0		375.1
47	53	Queen's Univ - Ontario Canada		56.8	46.6	80	49.0	2.5	22.5	84.3	29.7	371.3
48	116	Lafayette College		77.6	65.8	40	12.3	13.5	7.5	52.4	100.0	369.2
49	77	Rochester Institute of Technology		67.5	74.5	100			117.2	8.0		367.1
50	64	Duke Univ		68.0	63.5	60	62.7	8.2	67.5	10.0		339.8
51	20	Univ of South Florida		56.9	69.4	90	33.8	17.0	55.8	3.0		325.9
52	42	Villanova Univ		82.6	51.4	60	44.0	9.7	58.7	14.0		320.4
53	48	Oakland University		74.4	43.5	80	57.3	6.6	51.4	7.0	-	320.2



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54	73	Universite Du Quebec-Chicoutimi		76.9	57.0	60	48.9	15.6	52.7	4.0		315.2
55	81	Georgia Southern Univ		78.6	46.6	80	45.6	14.7	27.5	20.0		313.0
56	45			64.2	20.0		307.5					
57	105	Mississippi State Univ		58.1	56.5	80	20.5	24.4	53.2	10.0		302.7
58	102	North Carolina State Univ - Raleigh		59.9	33.1	100	63.1	22.6	7.5	13.0		299.2
59	87	Kansas State Univ	-20	65.7	58.4	100	28.7	21.6	25.7	13.0		293.1
60	59	Dalhousie Univ		68.9	69.1	80	40.6	2.5	7.5	14.0		282.5
61	46	Michigan Tech Univ		67.0	52.7	60	37.6	6.8	36.4	20.0		280.5
62	16	Kettering Univ		82.1	69.5	80			24.6	10.0	9.9	276.2
63	90	Texas Tech Univ	-10	76.9	56.7	70			62.2	20.0		275.7
64	101	Clemson Univ		76.8	72.8	80			38.9	7.0		275.5
65		Rutgers Univ		75.9	42.8	80	32.6	13.1	7.5	20.0		271.8
66	55	Cooper Union		72.2	53.8	60	40.4	2.5	21.5	20.0		270.4
67	37	Univ of New Hampshire		57.4	63.2	80	28.7	10.8	14.5	10.0		264.6
68	96	Lehigh Univ		72.3	32.2	80	27.3	20.8	20.5	10.0		263.0
69	78	Western Michigan Univ		66.3	57.1	60	11.9	2.5	42.4	20.0		260.2
70		Southern Illinois Univ - Carbondale		80.0	43.0	40	23.7	21.5	39.0	13.0		260.2
71	85	Rensselaer Polytechnic Inst		79.1	51.8	80			38.0	9.0		257.9
72	41	Univ of Pittsburgh - Pittsburgh	-40	58.8	56.6	100	53.3		9.5	19.0		257.3
73	24	Universidad Central de Venezuela		80.4	71.6	80	16.5			7.0		255.5
74		West Virginia Univ		76.0	38.4	40	33.7	2.5	45.1	14.0		249.7
75		Univ of Toronto		85.6	62.6	80	3.5		7.5	10.0		249.2
76	99	Florida Atlantic Univ		69.9	59.3	80			28.6	10.0		247.8
77	100	Vanderbilt Univ		78.5	57.9	60	9.7	17.5	7.5	15.0		246.1
78		Cegep du Vieux - Montreal	-50	79.7	38.9	100	47.5		7.5	15.0		238.6
79	49	Minnesota State University - Mankato	-50	76.6	62.1	80	45.6	2.5	7.5	10.0		234.3



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80	54	Florida Inst of Tech		45.2	35.1	80	43.2	2.6	7.5	17.0		230.6
81	89	Penn State Univ - University Park		69.9	62.0	80	4.4	2.5				218.8
82	52	Univ of North Florida		63.9	62.9	60			7.5	10.0		204.3
83	67	Washington Univ - St Louis	-10	69.2	23.4	60	44.8	15.0				202.4
84	121	Concordia University	-50	70.9	59.0	100			7.5	12.0		199.5
85	76	Ferris State University		77.3	35.3	60			7.5	9.0		189.2
86	124	Univ of Guelph		77.8	29.6	50			7.5	16.0		180.9
87	27	US Air Force Academy		52.8	41.2	80				2.0		176.0
88	26	US Naval Academy	-30	56.0	21.0	80	23.1	2.5	21.5			174.2
89	125	Northwestern Univ		49.8	62.9	60						172.6
90	61	Univ of Illinois - Chicago		76.3	38.7	40			7.5	10.0		172.5
91	30	Brown Univ		69.2	41.2	60						170.4
92	97	Lakehead Univ		63.1	42.6	60						165.7
93	68	Univ of Alabama - Tuscaloosa		62.3	41.5	40			7.5	10.0		161.2
94	93	York College of Pa	-100	64.5	46.3	80	43.8	2.5	7.5	11.0		155.6
95	71	Florida International Univ		59.9	33.9	60						153.8
96		Bradley Univ	-50	33.0	42.1	60	40.2	2.5	7.5	10.0		145.2
97		North Dakota State Univ		64.4	19.5	60						143.9
98		Recinto Univ De Mayaguez	-50	72.2	51.5	60						133.7
99	33	Yeungnam Univ		64.6	27.5	40						132.2
100	117	Tennessee Tech Univ	-10	47.5	30.5	60						128.0
101	58	Lawrence Technological Univ	-20	39.1	36.7	70						125.8
102		MADI State Tech Univ		59.6	58.8							118.4
103		California State Univ - Long Beach	-50	-11.8	33.4	10	45.7	11.3	7.5	12.0		58.2
104		Bits Pilani-Dubai		51.1								51.1
105	40	Kumoh National Institute of Technology		-10.4	40.8	10						40.4



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Place	Car Num	Lean Linux		Cost Score	Presentation Score	Design Score	Acceleration Score	Skid Pad Score	Autocross Score	Endurance Score	Efficiency Score	Total Score
106		Ryerson Univ		-100.0	42.8	80						22.8
107 T	63	Clarkson University	-50	-100.0	24.6	60		5.7	7.5	20.0		10.0
107 T	70	Jniv of Hartford		57.5	24.5	40						10.0
107 T	110	Temple Univ		50.9								10.0
	95	Univ of Kentucky										forfeit
	18	UAS Esslingen										withdrawn
	19	Univ of Cincinnati										withdrawn
	29	Universidad Fermin Toro										withdrawn
	51	Univ of Central Florida										withdrawn
	69	Universidad Iberoamericana										withdrawn
	72	Univ of Utah										withdrawn
	104	South Dakota Sch of Mines & Tech										withdrawn
	107	American Univ of Sharjah										withdrawn
		Northern Illinois Univ										withdrawn
	119	Washington State Univ										withdrawn





Place	Car Num	Теат	Raw Score	Penalty	Status	Score
1	4	Ecole De Technologie Superieure	150		Final	150
2	14	Karlsruhe Institute of Technology	140		Final	140
3	113	Univ of Wisconsin - Madison	130		Final	130
4	23	Oregon State Univ	129		Final	129
5	44	Ohio State Univ	128		Final	128
6	5	Université Laval	127		Final	127
7	3	Univ of Akron	124		Final	124
8	6	Cornell Univ	118		Final	118
9	36	Univ of Michigan - Ann Arbor	114		Final	114
10 T	1	Universitat Stuttgart	110			110
10 т	15	Univ of Kansas - Lawrence	110			110
10 T	21	Technical Univ of Munich	110			110
10 T	112	FH - Joanneum Graz	110			110
10 T	126	Univ of Waterloo	110			110
15 T	8	Centro Universitario Da FEI	100			100
15 т	9	Michigan State Univ	100			100
15 т	10	Univ of Florida	100			100
15 т	12	Auburn Univ	100			100
15 т	13	Missouri University of Science and Tech	100			100
15 т	17	Univ of Illinois - Urbana Champaign	100			100
15 т	22	California State Poly Univ - Pomona	100			100
15 т	38	National Univ of Singapore	100			100
15 T	41	Univ of Pittsburgh - Pittsburgh	100			100
15 т	57	Univ of Toledo	100			100
15 т	62	Univ of Missouri	100			100
15 T	66	Fachhochschule Hamburg	100			100
15 т	74	Cegep du Vieux - Montreal	100			100
15 т	77	Rochester Institute of Technology	100			100
15 T	82	Univ of Connecticut	100			100
15 т	84	Purdue Univ - W Lafayette	100			100
15 т	87	Kansas State Univ	100			100
15 т	88	California Polytechnic State Univ-SLO	100			100
15 т	102	North Carolina State Univ - Raleigh	100			100
15 T	111	Univ of Manitoba	100			100
15 т	114	Virginia Tech	100			100
15 т	121	Concordia University	100			100





Place	Car Num	Team	Raw Score	Penalty	Status	Score
37	20	Univ of South Florida	100	10		90
38 т	11	Instituto Maua de Tecnologia	80			80
38 т	16	Kettering Univ	80			80
38 т	24	Universidad Central de Venezuela	80			80
38 т	25	Universidad Simon Bolivar	80			80
38 т	26	US Naval Academy	80			80
38 т	27	US Air Force Academy	80			80
38 т	31	Georgia Institute of Technology	80			80
38 т	32	Univ of Minnesota - Twin Cities	80			80
38 т	34	Carleton Univ	80			80
38 T	37	Univ of New Hampshire	80			80
38 т	39	Univ of Toronto	80			80
38 т	43	San Jose State University	80			80
38 т	48	Oakland University	80			80
38 т	49	Minnesota State University - Mankato	80			80
38 т	50	Saginaw Valley State Univ	80			80
38 т	53	Queen's Univ - Ontario Canada	80			80
38 т	54	Florida Inst of Tech	80			80
38 т	56	Univ of Oklahoma	80			80
38 т	59	Dalhousie Univ	80			80
38 т	60	Univ of Western Ontario	80			80
38 т	65	Universite Du Quebec a Trois-Rivieres	80			80
38 т	80	Kookmin Univ	80			80
38 т	81	Georgia Southern Univ	80			80
38 т	85	Rensselaer Polytechnic Inst	80			80
38 т	89	Penn State Univ - University Park	80			80
38 т	93	York College of Pa	80			80
38 т	96	Lehigh Univ	80			80
38 т	99	Florida Atlantic Univ	80			80
38 т	101	Clemson Univ	80			80
38 т	103	Univ of Evansville	80			80
38 т	105	Mississippi State Univ	80			80
38 т	108	Louisiana State Univ	80			80
38 т	115	Ryerson Univ	80			80
38 т	122	Rutgers Univ	80			80
72 т	58	Lawrence Technological Univ	80	10		70





72 T   90   Texas Tech Univ   60   60   60   60   60   60   60   6	Place	Car Num	Теаш	Raw Score	Penalty	Status	Score
74 T         42         Villanova Univ         60         60           74 T         45         Oklahoma State Univ         60         60           74 T         46         Michigan Tech Univ         60         60           74 T         47         Univ of Michigan - Dearborn         60         60           74 T         52         Univ of North Florida         60         60           74 T         55         Cooper Union         60         60           74 T         63         Clarkson University         60         60           74 T         63         Duke Univ         60         60           74 T         64         Duke Univ         60         60           74 T         71         Florida International Univ         60         60           74 T         71         Florida International Univ         60         60           74 T         71         Florida International Univ         60         60           74 T         73         Universite Du Quebec-Chicoutimi         60         60           74 T         76         Ferris State University         60         60           74 T         78         Western Michigan Univ	72 T	90	Texas Tech Univ	80	10		70
74 T 45         Oklahoma State Univ         60         60           74 T 46         Michigan Tech Univ         60         60           74 T 47         Univ of Michigan - Dearborn         60         60           74 T 52         Univ of North Florida         60         60           74 T 55         Cooper Union         60         60           74 T 63         Clarkson University         60         60           74 T 64         Duke Univ         60         60           74 T 7         For Washington Univ - St Louis         60         60           74 T 73         Universite Du Quebec-Chicoutimi         60         60           74 T 73         Universite Du Quebec-Chicoutimi         60         60           74 T 75         Ferris State University         60         60           74 T 78         Western Michigan Univ         60         60           74 T 79         Old Dominion Univ         60         60           74 T 79         Idehead Univ         60         60           74 T 97         Lakehead Univ         60         60           74 T 100         Vanderbilt Univ         60         60           74 T 100         North Dakota State Univ         60 <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>				-			
74 T 46         Michigan Tech Univ         60         60           74 T 47         Univ of Michigan - Dearborn         60         60           74 T 52         Univ of North Florida         60         60           74 T 55         Cooper Union         60         60           74 T 63         Clarkson University         60         60           74 T 64         Duke Univ         60         60           74 T 7         67         Washington Univ - St Louis         60         60           74 T 71         Florida International Univ         60         60           74 T 73         Universite Du Quebec-Chicoutimi         60         60           74 T 76         Ferris State University         60         60           74 T 77         Ferris State University         60         60           74 T 78         Western Michigan Univ         60         60           74 T 79         Old Dominion Univ         60         60           74 T 79         Old Dominion Univ         60         60           74 T 79         Lakehead Univ         60         60           74 T 97         Lakehead Univ         60         60           74 T 100         Vanderbit Univ <t< td=""><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td></t<>				-			
74 T         47         Univ of Michigan - Dearborn         60         60           74 T         52         Univ of North Florida         60         60           74 T         55         Cooper Union         60         60           74 T         63         Clarkson University         60         60           74 T         64         Duke Univ         60         60           74 T         67         Washington Univ - St Louis         60         60           74 T         71         Florida International Univ         60         60           74 T         71         Florida International Univ         60         60           74 T         73         Universite Du Quebec-Chicoutimi         60         60           74 T         76         Ferris State University         60         60           74 T         78         Western Michigan Univ         60         60           74 T         79         Old Dominion Univ         60         60           74 T         79         Old Dominion Univ         60         60           74 T         97         Lakehead Univ         60         60           74 T         98         Rose Hulman Inst of Tech <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>				-			
74 T 52         Univ of North Florida         60         60           74 T 55         Cooper Union         60         60           74 T 63         Clarkson University         60         60           74 T 64         Duke Univ         60         60           74 T 67         Washington Univ - St Louis         60         60           74 T 71         Florida International Univ         60         60           74 T 71         Florida International Univ         60         60           74 T 73         Universite Du Quebec-Chicoutimi         60         60           74 T 74         Ferris State University         60         60           74 T 75         Ferris State University         60         60           74 T 78         Western Michigan Univ         60         60           74 T 79         Old Dominion Univ         60         60           74 T 79         Old Dominion Univ         60         60           74 T 93         Recinto Univ De Mayaguez         60         60           74 T 94         Rose Hulman Inst of Tech         60         60           74 T 198         Rose Hulman Inst of Tech         60         60           74 T 100         Vanderbit Univ				_			
74 T         55         Cooper Union         60         60           74 T         63         Clarkson University         60         60           74 T         64         Duke Univ         60         60           74 T         67         Washington Univ - St Louis         60         60           74 T         71         Florida International Univ         60         60           74 T         73         Universite Du Quebec-Chicoutimi         60         60           74 T         73         Universite Du Quebec-Chicoutimi         60         60           74 T         73         Universite Du Quebec-Chicoutimi         60         60           74 T         74         Ferris State University         60         60           74 T         78         Western Michigan Univ         60         60           74 T         79         Old Dominion Univ         60         60           74 T         79         Old Dominion Univ         60         60           74 T         97         Lakehead Univ         60         60           74 T         98         Rose Hulman Inst of Tech         60         60           74 T         100         Vanderbilt Uni				_			
74 T         63         Clarkson University         60         60           74 T         64         Duke Univ         60         60           74 T         67         Washington Univ - St Louis         60         60           74 T         71         Florida International Univ         60         60           74 T         73         Universite Du Quebec-Chicoutimi         60         60           74 T         76         Ferris State University         60         60           74 T         78         Western Michigan Univ         60         60           74 T         79         Old Dominion Univ         60         60           74 T         79         Old Dominion Univ         60         60           74 T         97         Lakehead Univ         60         60           74 T         98         Rose Hulman Inst of Tech         60         60           74 T         100         Vanderbilt Univ         60         60           74 T         100         North Dakota State Univ         60         60           74 T         117         Tennessee Tech Univ         60         60           74 T         120         Bradley Univ <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
74 T         64         Duke Univ         60         60           74 T         67         Washington Univ - St Louis         60         60           74 T         71         Florida International Univ         60         60           74 T         73         Universite Du Quebec-Chicoutimi         60         60           74 T         76         Ferris State University         60         60           74 T         78         Western Michigan Univ         60         60           74 T         79         Old Dominion Univ         60         60           74 T         79         Old Dominion Univ         60         60           74 T         93         Recinto Univ De Mayaguez         60         60           74 T         93         Recinto Univ De Mayaguez         60         60           74 T         98         Rose Hulman Inst of Tech         60         60           74 T         98         Rose Hulman Inst of Tech         60         60           74 T         100         Vanderbilt Univ         60         60           74 T         106         North Dakota State Univ         60         60           74 T         117         Tennesse				60			
74 T         67         Washington Univ - St Louis         60         60           74 T         71         Florida International Univ         60         60           74 T         73         Universite Du Quebec-Chicoutimi         60         60           74 T         76         Ferris State University         60         60           74 T         78         Western Michigan Univ         60         60           74 T         79         Old Dominion Univ         60         60           74 T         83         Recinto Univ De Mayaguez         60         60           74 T         97         Lakehead Univ         60         60           74 T         98         Rose Hulman Inst of Tech         60         60           74 T         100         Vanderbilt Univ         60         60           74 T         106         North Dakota State Univ         60         60           74 T         117         Tennessee Tech Univ         60         60           74 T         120         Bradley Univ         60         60           74 T         125         Northwestern Univ         60         60           97         124         Univ of Guelph			·	60			
74 T         71         Florida International Univ         60         60           74 T         73         Universite Du Quebec-Chicoutimi         60         60           74 T         76         Ferris State University         60         60           74 T         78         Western Michigan Univ         60         60           74 T         79         Old Dominion Univ         60         60           74 T         83         Recinto Univ De Mayaguez         60         60           74 T         97         Lakehead Univ         60         60           74 T         98         Rose Hulman Inst of Tech         60         60           74 T         100         Vanderbilt Univ         60         60           74 T         100         North Dakota State Univ         60         60           74 T         110         Pandley Univ         60         60           74 T         120         Bradley Univ         60         60           74 T         125         Northwestern Univ         60         60           97 124         Univ of Guelph         60         10         50           98 T         61         Univ of Hartford         40				_			
74 T         73         Universite Du Quebec-Chicoutimi         60         60           74 T         76         Ferris State University         60         60           74 T         78         Western Michigan Univ         60         60           74 T         79         Old Dominion Univ         60         60           74 T         83         Recinto Univ De Mayaguez         60         60           74 T         97         Lakehead Univ         60         60           74 T         98         Rose Hulman Inst of Tech         60         60           74 T         100         Vanderbilt Univ         60         60           74 T         106         North Dakota State Univ         60         60           74 T         117         Tennessee Tech Univ         60         60           74 T         120         Bradley Univ         60         60           74 T         120         Bradley Univ         60         60           97         124         Univ of Guelph         60         10           98 T         33         Yeungnam Univ         40         40           98 T         61         Univ of Illinois - Chicago         40 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
74 T         76         Ferris State University         60         60           74 T         78         Western Michigan Univ         60         60           74 T         79         Old Dominion Univ         60         60           74 T         79         Old Dominion Univ         60         60           74 T         83         Recinto Univ De Mayaguez         60         60           74 T         97         Lakehead Univ         60         60           74 T         98         Rose Hulman Inst of Tech         60         60           74 T         100         Vanderbilt Univ         60         60           74 T         106         North Dakota State Univ         60         60           74 T         117         Tennessee Tech Univ         60         60           74 T         120         Bradley Univ         60         60           74 T         120         Bradley Univ         60         60           74 T         125         Northwestern Univ         60         60           97         124         Univ of Guelph         60         10         50           98 T         61         Univ of Illinois - Chicago				60			60
74 T         78         Western Michigan Univ         60         60           74 T         79         Old Dominion Univ         60         60           74 T         83         Recinto Univ De Mayaguez         60         60           74 T         97         Lakehead Univ         60         60           74 T         98         Rose Hulman Inst of Tech         60         60           74 T         100         Vanderbilt Univ         60         60           74 T         106         North Dakota State Univ         60         60           74 T         117         Tennessee Tech Univ         60         60           74 T         120         Bradley Univ         60         60           74 T         120         Bradley Univ         60         60           74 T         125         Northwestern Univ         60         60           97         124         Univ of Guelph         60         10         50           98 T         33         Yeungnam Univ         40         40         40           98 T         68         Univ of Alabama - Tuscaloosa         40         40         40           98 T         86 <t< td=""><td></td><td></td><td></td><td>60</td><td></td><td></td><td></td></t<>				60			
74 T         79         Old Dominion Univ         60         60           74 T         83         Recinto Univ De Mayaguez         60         60           74 T         97         Lakehead Univ         60         60           74 T         98         Rose Hulman Inst of Tech         60         60           74 T         100         Vanderbilt Univ         60         60           74 T         106         North Dakota State Univ         60         60           74 T         117         Tennessee Tech Univ         60         60           74 T         120         Bradley Univ         60         60           74 T         125         Northwestern Univ         60         60           97         124         Univ of Guelph         60         10         50           98 T         33         Yeungnam Univ         40         40         40           98 T         61         Univ of Illinois - Chicago         40         40         40           98 T         68         Univ of Hartford         40         40         40           98 T         86         Southern Illinois Univ - Carbondale         40         40           98 T<				60			60
74 T         83         Recinto Univ De Mayaguez         60         60           74 T         97         Lakehead Univ         60         60           74 T         98         Rose Hulman Inst of Tech         60         60           74 T         100         Vanderbilt Univ         60         60           74 T         106         North Dakota State Univ         60         60           74 T         117         Tennessee Tech Univ         60         60           74 T         120         Bradley Univ         60         60           74 T         125         Northwestern Univ         60         60           97         124         Univ of Guelph         60         10         50           98 T         33         Yeungnam Univ         40         40         40           98 T         61         Univ of Illinois - Chicago         40         40         40           98 T         68         Univ of Hartford         40         40         40           98 T         86         Southern Illinois Univ - Carbondale         40         40         40           98 T         94         West Virginia Univ         40         40         40<				60			60
74 T         97         Lakehead Univ         60         60           74 T         98         Rose Hulman Inst of Tech         60         60           74 T         100         Vanderbilt Univ         60         60           74 T         106         North Dakota State Univ         60         60           74 T         117         Tennessee Tech Univ         60         60           74 T         120         Bradley Univ         60         60           74 T         125         Northwestern Univ         60         60           97         124         Univ of Guelph         60         10         50           98 T         33         Yeungnam Univ         40         40         40           98 T         61         Univ of Illinois - Chicago         40         40         40           98 T         68         Univ of Alabama - Tuscaloosa         40         40         40           98 T         86         Southern Illinois Univ - Carbondale         40         40         40           98 T         94         West Virginia Univ         40         40         40           98 T         10         Lafayette College         40 <t< td=""><td></td><td></td><td></td><td>60</td><td></td><td></td><td>60</td></t<>				60			60
74 T         98         Rose Hulman Inst of Tech         60         60           74 T         100         Vanderbilt Univ         60         60           74 T         106         North Dakota State Univ         60         60           74 T         117         Tennessee Tech Univ         60         60           74 T         120         Bradley Univ         60         60           74 T         125         Northwestern Univ         60         60           97         124         Univ of Guelph         60         10         50           98 T         33         Yeungnam Univ         40         40         40           98 T         61         Univ of Illinois - Chicago         40         40         40           98 T         68         Univ of Hartford         40         40         40           98 T         86         Southern Illinois Univ - Carbondale         40         40         40           98 T         94         West Virginia Univ         40         40         40           98 T         116         Lafayette College         40         40         40           105 T         40         Kumoh National Institute of Technology<				60			60
74 T         100         Vanderbilt Univ         60         60           74 T         106         North Dakota State Univ         60         60           74 T         117         Tennessee Tech Univ         60         60           74 T         120         Bradley Univ         60         60           74 T         125         Northwestern Univ         60         60           97         124         Univ of Guelph         60         10         50           98 T         33         Yeungnam Univ         40         40         40           98 T         61         Univ of Illinois - Chicago         40         40         40           98 T         68         Univ of Alabama - Tuscaloosa         40         40         40           98 T         70         Univ of Hartford         40         40         40           98 T         86         Southern Illinois Univ - Carbondale         40         40         40           98 T         94         West Virginia Univ         40         40         40           98 T         116         Lafayette College         40         40         40           105 T         40         Kumoh National		97	Lakehead Univ	60			60
74 T         106         North Dakota State Univ         60         60           74 T         117         Tennessee Tech Univ         60         60           74 T         120         Bradley Univ         60         60           74 T         125         Northwestern Univ         60         60           97         124         Univ of Guelph         60         10         50           98 T         33         Yeungnam Univ         40         40         40           98 T         61         Univ of Illinois - Chicago         40         40         40           98 T         68         Univ of Alabama - Tuscaloosa         40         40         40           98 T         70         Univ of Hartford         40         40         40           98 T         86         Southern Illinois Univ - Carbondale         40         40         40           98 T         94         West Virginia Univ         40         40         40           98 T         10         Lafayette College         40         40         40           105 T         40         Kumoh National Institute of Technology         40         50         10           105 T	74 т	98	Rose Hulman Inst of Tech	60			60
74 T         117         Tennessee Tech Univ         60         60           74 T         120         Bradley Univ         60         60           74 T         125         Northwestern Univ         60         60           97         124         Univ of Guelph         60         10         50           98 T         33         Yeungnam Univ         40         40         40           98 T         61         Univ of Illinois - Chicago         40         40         40           98 T         68         Univ of Alabama - Tuscaloosa         40         40         40           98 T         70         Univ of Hartford         40         40         40           98 T         86         Southern Illinois Univ - Carbondale         40         40         40           98 T         94         West Virginia Univ         40         40         40           98 T         116         Lafayette College         40         40         40           105 T         40         Kumoh National Institute of Technology         40         50         10           105 T         92         California State Univ - Long Beach         60         50         10      <	74 т	100	Vanderbilt Univ	60			60
74 T         120         Bradley Univ         60         60           74 T         125         Northwestern Univ         60         60           97         124         Univ of Guelph         60         10         50           98 T         33         Yeungnam Univ         40         40         40           98 T         61         Univ of Illinois - Chicago         40         40         40           98 T         68         Univ of Alabama - Tuscaloosa         40         40         40           98 T         70         Univ of Hartford         40         40         40           98 T         86         Southern Illinois Univ - Carbondale         40         40         40           98 T         94         West Virginia Univ         40         40         40           98 T         116         Lafayette College         40         40         40           105 T         40         Kumoh National Institute of Technology         40         50         10           105 T         92         California State Univ - Long Beach         60         50         10           18         UAS Esslingen         10         10         10         10	74 т	106	North Dakota State Univ	60			60
74 T         125         Northwestern Univ         60         60           97         124         Univ of Guelph         60         10         50           98 T         33         Yeungnam Univ         40         40           98 T         61         Univ of Illinois - Chicago         40         40           98 T         68         Univ of Alabama - Tuscaloosa         40         40           98 T         70         Univ of Hartford         40         40           98 T         86         Southern Illinois Univ - Carbondale         40         40           98 T         94         West Virginia Univ         40         40           98 T         116         Lafayette College         40         40           105 T         40         Kumoh National Institute of Technology         40         50         10           105 T         92         California State Univ - Long Beach         60         50         10           18         UAS Esslingen         10         10         10         10	74 т	117	Tennessee Tech Univ	60			60
97         124         Univ of Guelph         60         10         50           98 T         33         Yeungnam Univ         40         40           98 T         61         Univ of Illinois - Chicago         40         40           98 T         68         Univ of Alabama - Tuscaloosa         40         40           98 T         70         Univ of Hartford         40         40           98 T         86         Southern Illinois Univ - Carbondale         40         40           98 T         94         West Virginia Univ         40         40           98 T         116         Lafayette College         40         40           105 T         40         Kumoh National Institute of Technology         40         50         10           105 T         92         California State Univ - Long Beach         60         50         10           18         UAS Esslingen         10         10         10	74 T	120	Bradley Univ	60			60
98 T         33         Yeungnam Univ         40         40           98 T         61         Univ of Illinois - Chicago         40         40           98 T         68         Univ of Alabama - Tuscaloosa         40         40           98 T         70         Univ of Hartford         40         40           98 T         86         Southern Illinois Univ - Carbondale         40         40           98 T         94         West Virginia Univ         40         40           98 T         116         Lafayette College         40         40           105 T         40         Kumoh National Institute of Technology         40         50         10           105 T         92         California State Univ - Long Beach         60         50         10           18         UAS Esslingen         10         10         10         10         10	74 т	125	Northwestern Univ	60			60
98 T       61       Univ of Illinois - Chicago       40       40         98 T       68       Univ of Alabama - Tuscaloosa       40       40         98 T       70       Univ of Hartford       40       40         98 T       86       Southern Illinois Univ - Carbondale       40       40         98 T       94       West Virginia Univ       40       40         98 T       116       Lafayette College       40       40         105 T       40       Kumoh National Institute of Technology       40       50       10         105 T       92       California State Univ - Long Beach       60       50       10         18       UAS Esslingen	97	124	Univ of Guelph	60	10		50
98 T         68         Univ of Alabama - Tuscaloosa         40         40           98 T         70         Univ of Hartford         40         40           98 T         86         Southern Illinois Univ - Carbondale         40         40           98 T         94         West Virginia Univ         40         40           98 T         116         Lafayette College         40         40           105 T         40         Kumoh National Institute of Technology         40         50         10           105 T         92         California State Univ - Long Beach         60         50         10           18         UAS Esslingen         10	98 т	33	Yeungnam Univ	40			40
98 T         70         Univ of Hartford         40         40           98 T         86         Southern Illinois Univ - Carbondale         40         40           98 T         94         West Virginia Univ         40         40           98 T         116         Lafayette College         40         40           105 T         40         Kumoh National Institute of Technology         40         50         10           105 T         92         California State Univ - Long Beach         60         50         10           18         UAS Esslingen         10         <				40			40
98 T         86         Southern Illinois Univ - Carbondale         40         40           98 T         94         West Virginia Univ         40         40           98 T         116         Lafayette College         40         40           105 T         40         Kumoh National Institute of Technology         40         50         10           105 T         92         California State Univ - Long Beach         60         50         10           18         UAS Esslingen         0         0         0         0	98 т	68	Univ of Alabama - Tuscaloosa	40			40
98 T         94         West Virginia Univ         40         40           98 T         116         Lafayette College         40         40           105 T         40         Kumoh National Institute of Technology         40         50         10           105 T         92         California State Univ - Long Beach         60         50         10           18         UAS Esslingen         0         50         10		70	Univ of Hartford	40			40
98 T         116         Lafayette College         40         40           105 T         40         Kumoh National Institute of Technology         40         50         10           105 T         92         California State Univ - Long Beach         60         50         10           18         UAS Esslingen         0         0         0         0	98 T	86	Southern Illinois Univ - Carbondale	40			40
105 T40Kumoh National Institute of Technology405010105 T92California State Univ - Long Beach60501018UAS Esslingen	98 T	94	West Virginia Univ	40			40
105 T 92 California State Univ - Long Beach 60 50 10 18 UAS Esslingen		116		40			40
18 UAS Esslingen	105 T	40	Kumoh National Institute of Technology	40	50		10
· · ·	105 т	92	California State Univ - Long Beach	60	50		10
19 Univ of Cincinnati		18	UAS Esslingen				
		19	Univ of Cincinnati				





Place	Car Num	Теат	Raw Score	Penalty	Status	Score
	29	Universidad Fermin Toro				
	51	Univ of Central Florida				
	69	Universidad Iberoamericana				
	72	Univ of Utah				
	91	Bits Pilani-Dubai				
	95	Univ of Kentucky				
	104	South Dakota Sch of Mines & Tech				
	107	American Univ of Sharjah				
	109	Northern Illinois Univ				
	110	Temple Univ				
	119	Washington State Univ				
	123	MADI State Tech Univ				





Place	Car Num	Team	Score
1	114	Virginia Tech	75
2	9	Michigan State Univ	74.5
3	77	Rochester Institute of Technology	74.4
4	14	Karlsruhe Institute of Technology	74.4
5	66	Fachhochschule Hamburg	74.2
6	10	Univ of Florida	74.2
7	1	Universitat Stuttgart	72.9
8	101	Clemson Univ	72.8
9	24	Universidad Central de Venezuela	71.6
10	38	National Univ of Singapore	70.4
11	111	Univ of Manitoba	70.1
12	16	Kettering Univ	69.5
13	20	Univ of South Florida	69.4
14	59	Dalhousie Univ	69.1
15	113	Univ of Wisconsin - Madison	66.5
16	116	Lafayette College	65.8
17	15	Univ of Kansas - Lawrence	65.6
18	13	Missouri University of Science and Tech	65.5
19	50	Saginaw Valley State Univ	64.8
20	32	Univ of Minnesota - Twin Cities	63.7
21	64	Duke Univ	63.5
22	108	Louisiana State Univ	63.3
23	37	Univ of New Hampshire	63.2
24	52	Univ of North Florida	62.9
25	125	Northwestern Univ	62.9
26	39	Univ of Toronto	62.6
27	22	California State Poly Univ - Pomona	62.2
28	44	Ohio State Univ	62.2
29	49	Minnesota State University - Mankato	62.1
30	89	Penn State Univ - University Park	62.0
31	112	FH - Joanneum Graz	61.8
32	21	Technical Univ of Munich	61.7
33	84	Purdue Univ - W Lafayette	61.7





Place	Car Num	Теат	Score
34	25	Universidad Simon Bolivar	61.5
35	17	Univ of Illinois - Urbana Champaign	59.8
36	99	Florida Atlantic Univ	59.3
37	80	Kookmin Univ	59.1
38 т	88	California Polytechnic State Univ-SLO	59.0
38 т		Concordia University	59.0
40	123	MADI State Tech Univ	58.8
41	8	Centro Universitario Da FEI	58.5
42	87	Kansas State Univ	58.4
43	31	Georgia Institute of Technology	58.0
44	100	Vanderbilt Univ	57.9
45	82	Univ of Connecticut	57.3
46	78	Western Michigan Univ	57.1
47	73	Universite Du Quebec-Chicoutimi	57.0
48	60	Univ of Western Ontario	57.0
49	90	Texas Tech Univ	56.7
50	41	Univ of Pittsburgh - Pittsburgh	56.6
51	62	Univ of Missouri	56.5
52	105	Mississippi State Univ	56.5
53	43	San Jose State University	56.0
54	36	Univ of Michigan - Ann Arbor	54.7
55	55	Cooper Union	53.8
56	46	Michigan Tech Univ	52.7
57	85	Rensselaer Polytechnic Inst	51.8
58	6	Cornell Univ	51.8
59	83	Recinto Univ De Mayaguez	51.5
60	42	Villanova Univ	51.4
61	5	Université Laval	50.8
62	98	Rose Hulman Inst of Tech	50.7
63	12	Auburn Univ	50.5
64	3	Univ of Akron	50.0
65	65	Universite Du Quebec a Trois-Rivieres	49.1
66	47	Univ of Michigan - Dearborn	48.8





Place	Car Num	Team	Score
67	56	Univ of Oklahoma	48.1
68	4	Ecole De Technologie Superieure	47.3
69	11	Instituto Maua de Tecnologia	47.0
70	81	Georgia Southern Univ	46.6
71	53	Queen's Univ - Ontario Canada	46.6
72	93	York College of Pa	46.3
73	126	Univ of Waterloo	45.2
74	23	Oregon State Univ	44.6
75	103	Univ of Evansville	44.6
76	48	Oakland University	43.5
77	86	Southern Illinois Univ - Carbondale	43.0
78	115	Ryerson Univ	42.8
79	122	Rutgers Univ	42.8
80	97	Lakehead Univ	42.6
81	120	Bradley Univ	42.0
82	34	Carleton Univ	41.8
83	68	Univ of Alabama - Tuscaloosa	41.5
84	30	Brown Univ	41.2
85	27	US Air Force Academy	41.2
86	40	Kumoh National Institute of Technology	40.8
87	57	Univ of Toledo	40.8
88	74	Cegep du Vieux - Montreal	38.9
89	61	Univ of Illinois - Chicago	38.7
90	94	West Virginia Univ	38.4
91	79	Old Dominion Univ	38.2
92	58	Lawrence Technological Univ	36.7
93	76	Ferris State University	35.3
94	54	Florida Inst of Tech	35.1
95	45	Oklahoma State Univ	34.2
96	71	Florida International Univ	33.9
97	92	California State Univ - Long Beach	33.4
98	102	North Carolina State Univ - Raleigh	33.1
99	96	Lehigh Univ	32.1





Place	Car Num	Team	Score
100	117	Tennessee Tech Univ	30.5
101	124	Univ of Guelph	29.6
102	33	Yeungnam Univ	27.5
103	63	Clarkson University	24.6
104	70	Univ of Hartford	24.5
105	67	Washington Univ - St Louis	23.4
106	26	US Naval Academy	21.0
107	106	North Dakota State Univ	19.5
	18	UAS Esslingen	
	19	Univ of Cincinnati	
	29	Universidad Fermin Toro	
	51	Univ of Central Florida	
	69	Universidad Iberoamericana	
	72	Univ of Utah	
	91	Bits Pilani-Dubai	
	95	Univ of Kentucky	
	104	South Dakota Sch of Mines & Tech	
	107	American Univ of Sharjah	
	109	Northern Illinois Univ	
	110	Temple Univ	
	119	Washington State Univ	





Place	Car Num	Team	Adjusted Cost	Price Score (40)	Report Score (20)	Part Content / Feasibility (20)	Real Case (20)	Penalty	Score
1	39	Univ of Toronto	\$9,964	30.53	15.05	20	20		85.58
2	80	Kookmin Univ	\$10,553	27.88	17.11	20	20		84.99
3	25	Universidad Simon Bolivar	\$10,401	28.53	18.68	18	18		83.21
4	42	Villanova Univ	\$9,319	33.81	13.81	15	20		82.63
5	8	Centro Universitario Da FEI	\$10,978	26.14	16.03	20	20		82.17
6	16	Kettering Univ	\$8,307	40	13.14	11	18		82.14
7	24	Universidad Central de Venezuela	\$11,103	25.66	16.7	18	20		80.36
8	86	Southern Illinois Univ - Carbondale	\$9,569	32.49	17.53	12	18		80.01
9	74	Cegep du Vieux - Montreal	\$10,942	26.28	15.46	18	20		79.74
10	113	Univ of Wisconsin - Madison	\$12,512	20.86	18.59	20	20		79.44
11	85	Rensselaer Polytechnic Inst	\$11,209	25.25	13.81	20	20		79.07
12	81	Georgia Southern Univ	\$11,117	25.6	13.96	19	20		78.56
13	100	Vanderbilt Univ	\$10,308	28.94	10.51	19	20		78.45
14	124	Univ of Guelph	\$10,208	29.39	13.4	20	15		77.79
15	116	Lafayette College	\$9,819	31.23	13.4	18	15		77.63
16	76	Ferris State University	\$11,268	25.03	16.29	18	18		77.32
17	73	Universite Du Quebec-Chicoutimi	\$11,780	23.21	16.7	19	18		76.91
18	90	Texas Tech Univ	\$9,099	35.04	13.81	10	18		76.86
19	101	Clemson Univ	\$11,714	23.43	18.35	19	16		76.78
20	31	Georgia Institute of Technology	\$11,481	24.25	17.53	18	17		76.78
21	49	Minnesota State University - Mankato	\$11,804	23.13	15.46	18	20		76.59
22	61	Univ of Illinois - Chicago	\$12,381	21.25	15.05	20	20		76.3
23	98	Rose Hulman Inst of Tech	\$11,329	24.8	14.23	17	20		76.03
24	94	West Virginia Univ	\$12,221	21.75	14.23	20	20		75.98
25	122	Rutgers Univ	\$12,887	19.75	17.11	19	20		75.87
26	47	Univ of Michigan - Dearborn	\$11,600	23.83	17.11	15	19		74.94
27	48	Oakland University	\$11,399	24.55	15.88	16	18		74.42
28	22	California State Poly Univ - Pomona	\$11,240	25.13	13.55	16	18		72.69





Place	Car Num	Team	Adjusted Cost	Price Score (40)	Report Score (20)	Part Content / Feasibility (20)	Real Case (20)	Penalty	Score
29	103	Univ of Evansville	\$13,744	17.47	17.94	19	18		72.4
30	96	Lehigh Univ	\$9,370	33.54	10.75	11	17		72.29
31	12	Auburn Univ	\$16,217	12.21	20	20	20		72.21
32	55	Cooper Union	\$14,775	15.06	17.11	20	20		72.18
33	83	Recinto Univ De Mayaguez	\$12,243	21.69	15.46	20	15		72.15
34	5	Université Laval	\$13,990	16.86	14.64	20	20		71.5
35	34	Carleton Univ	\$11,025	25.96	9.28	16	20		71.23
36	114	Virginia Tech	\$14,523	15.62	19.59	18	18		71.21
37	13	Missouri University of Science and Tech	\$14,255	16.23	15.88	19	20		71.11
38	57	Univ of Toledo	\$12,443	21.06	12.99	19	18		71.05
39	121	Concordia University	\$14,431	15.83	17.11	18	20		70.94
40	99	Florida Atlantic Univ	\$16,846	11.12	18.76	20	20		69.89
41	89	Penn State Univ - University Park	\$13,601	17.83	15.05	17	20		69.88
42	9	Michigan State Univ	\$16,611	11.52	17.94	20	20		69.46
43	50	Saginaw Valley State Univ	\$12,418	21.14	15.29	16	17		69.43
44	43	San Jose State University	\$13,415	18.31	15.05	20	16		69.36
45	45	Oklahoma State Univ	\$10,992	26.09	13.23	12	18		69.31
46	30	Brown Univ	\$12,962	19.54	14.64	20	15		69.18
47	67	Washington Univ - St Louis	\$12,677	20.36	13.81	20	15		69.17
48	59	Dalhousie Univ	\$13,419	18.3	13.55	19	18		68.85
49	1	Universitat Stuttgart	\$15,769	13.04	15.46	20	20		68.51
50	82	Univ of Connecticut	\$12,721	20.23	14.23	17	17		68.46
51	65	Universite Du Quebec a Trois-Rivieres	\$15,586	13.39	15.05	20	20		68.45
52	64	Duke Univ	\$14,036	16.75	14.23	19	18		67.97
53	84	Purdue Univ - W Lafayette	\$14,767	15.08	17.53	20	15		67.6
54	77	Rochester Institute of Technology	\$19,046	7.88	19.59	20	20		67.47
55	3	Univ of Akron	\$14,568	15.52	15.94	16	20		67.46
56	126	Univ of Waterloo	\$13,864	17.17	18.26	20	12		67.43





Place	Car Num	Team	Adjusted Cost	Price Score (40)	Report Score (20)	Part Content / Feasibility (20)	Real Case (20)	Penalty	Score
57	46	Michigan Tech Univ	\$14,094	16.61	13.4	19	18		67.01
58	11	Instituto Maua de Tecnologia	\$12,297	21.52	11.49	19	15		67
59	10	Univ of Florida	\$16,578	11.58	18.35	17	20		66.93
60	78	Western Michigan Univ	\$14,663	15.31	16.03	17	18		66.33
61	87	Kansas State Univ	\$17,533	10.02	17.68	20	18		65.7
62	62	Univ of Missouri	\$11,720	23.41	15.46	11	15		64.87
63	33	Yeungnam Univ	\$11,676	23.56	15.05	16	10		64.61
64	93	York College of Pa	\$12,967	19.53	9.01	16	20		64.54
65	38	National Univ of Singapore	\$18,536	8.56	15.88	20	20		64.44
66	106	North Dakota State Univ	\$10,910	26.41	12.99	8	17		64.4
67	52	Univ of North Florida	\$16,360	11.96	17.94	19	15		63.9
68	17	Univ of Illinois - Urbana Champaign	\$16,873	11.08	16.03	18	18		63.1
69	97	Lakehead Univ	\$13,145	19.03	15.05	14	15		63.08
70	111	Univ of Manitoba	\$15,591	13.39	17.53	12	20		62.91
71	68	Univ of Alabama - Tuscaloosa	\$11,987	22.51	11.75	16	12		62.26
72	108	Louisiana State Univ	\$13,111	19.13	17.11	10	16		62.24
73	6	Cornell Univ	\$20,725	5.87	19.18	20	17		62.04
74	102	North Carolina State Univ - Raleigh	\$19,964	6.74	19.18	20	14		59.91
75	71	Florida International Univ	\$15,403	13.76	10.1	18	18		59.86
76	44	Ohio State Univ	\$19,676	7.08	12.58	20	20		59.66
77	123	MADI State Tech Univ	\$16,290	12.08	12.49	15	20		59.57
78	56	Univ of Oklahoma	\$16,043	12.53	18.76	18	10		59.29
79	41	Univ of Pittsburgh - Pittsburgh	\$14,796	15.02	13.81	19	11		58.83
80	4	Ecole De Technologie Superieure	\$16,342	11.99	11.34	20	15		58.33
81	105	Mississippi State Univ	\$18,104	9.17	17.94	16	15		58.11
82	79	Old Dominion Univ	\$12,976	19.5	8.45	13	17		57.95
83	36	Univ of Michigan - Ann Arbor	\$17,508	10.06	9.69	18	20		57.75
84	15	Univ of Kansas - Lawrence	\$20,613	5.99	12.73	19	20		57.72





Place	Car Num	Теат	Adjusted Cost	Price Score (40)	Report Score (20)	Part Content / Feasibility (20)	Real Case (20)	Penalty	Score
85	112	FH - Joanneum Graz	\$19,144	7.75	9.93	20	20		57.68
86	70	Univ of Hartford	\$11,790	23.17	16.35	8	10		57.52
87 т	32	Univ of Minnesota - Twin Cities	\$15,587	13.39	11.99	12	20		57.38
87 т	37	Univ of New Hampshire	\$16,544	11.64	9.69	16	20		57.38
89	20	Univ of South Florida	\$13,780	17.38	3.5	19	17		56.88
90	53	Queen's Univ - Ontario Canada	\$14,910	14.77	12.99	17	12		56.76
91	14	Karlsruhe Institute of Technology	\$19,863	6.86	9.84	20	20		56.69
92	23	Oregon State Univ	\$19,979	6.72	13.81	16	20		56.53
93	66	Fachhochschule Hamburg	\$24,357	2.46	13.81	20	20		56.27
94	26	US Naval Academy	\$16,454	11.79	14.23	15	15		56.02
95	88	California Polytechnic State Univ-SLO	\$17,927	9.43	12.58	18	15		55.01
96	27	US Air Force Academy	\$21,583	4.96	15.88	20	12		52.83
97	91	Bits Pilani-Dubai	\$13,732	17.49	13.64	18	2		51.13
98	110	Temple Univ	\$16,994	10.88	10.01	13	17		50.89
99	125	Northwestern Univ	\$18,495	8.62	12.16	19	10		49.78
100	21	Technical Univ of Munich	\$24,218	2.57	9.01	18	20		49.59
101	117	Tennessee Tech Univ	\$10,341	28.79	10.66	13	15	-20	47.46
102	54	Florida Inst of Tech	\$27,890		15.2	14	16		45.2
103	60	Univ of Western Ontario	\$16,456	11.79	13.81	17	20	-20	42.6
104	58	Lawrence Technological Univ	\$14,682	15.27	12.81	19	12	-20	39.08
105	120	Bradley Univ	\$9,232	34.29	12.73	11	15	-40	33.02
106	40	Kumoh National Institute of Technology	\$9,817	31.24	18.35	10	10	-80	-10.41
107	92	California State Univ - Long Beach	\$10,791	26.89	11.34	19	11	-80	-11.78
108 т	63	Clarkson University						-100	-100
108 т	115	Ryerson Univ						-100	-100
	18	UAS Esslingen							
	19	Univ of Cincinnati							
	29	Universidad Fermin Toro							





Place	Car Num	Team	Adjusted Cost	Price Score (40)	Report Score (20)	Part Content / Feasibility (20)	Real Case (20)	Penalty	Score
	51	Univ of Central Florida							
	69	Universidad Iberoamericana							
	72	Univ of Utah							
	95	Univ of Kentucky							
		South Dakota Sch of Mines & Tech							
		American Univ of Sharjah							
		Northern Illinois Univ							
	119	Washington State Univ							



## **Acceleration Event Results**



Minimum Time (seconds) Maximum Time (seconds)

4.131 6.197 150% Cone Penalty (seconds)

			F	Run #	1	F	Run #	2	F	≀un #	3		Run #	<b>‡</b> 4	Fi	nal
Place	Car Num	Team	Time	Cones	AdjTime	Time	Cones	AdjTime	Time	Cones	AdjTime	Time	Cones	AdjTime	Best Time	Score
1	50	Saginaw Valley State Univ	4.256		4.256	4.131		4.131	4.174		4.174	4.176		4.176	4.131	75
2	38	National Univ of Singapore	4.953		4.953	4.546		4.546	4.236		4.236	4.748		4.748	4.236	69.68
3	57	Univ of Toledo	4.682		4.682	4.378		4.378	4.350		4.350	4.256		4.256	4.256	68.7
4	60	Univ of Western Ontario	4.379		4.379	4.304		4.304	4.635		4.635	4.368		4.368	4.304	66.38
5	62	Univ of Missouri	5.470		5.470	4.347		4.347	4.661		4.661	5.254		5.254	4.347	64.34
6	15	Univ of Kansas - Lawrence	4.567		4.567	4.473		4.473	4.491		4.491	4.350		4.350	4.350	64.2
7	112	FH - Joanneum Graz	4.388		4.388	4.487		4.487	4.509		4.509	4.352		4.352	4.352	64.11
8	102	North Carolina State Univ - Raleigh	7.129		7.129	14.162		14.162	4.374		4.374	5.585		5.585	4.374	63.09
9	17	Univ of Illinois - Urbana Champaign	4.438		4.438	4.550		4.550	4.829		4.829	4.382		4.382	4.382	62.72
10	64	Duke Univ	4.700		4.700	6.122		6.122	4.600		4.600	4.383		4.383	4.383	62.67
11	44	Ohio State Univ	4.513		4.513	4.410		4.410	4.610		4.610	4.562		4.562	4.410	61.43
12	21	Technical Univ of Munich	4.511		4.511	4.511		4.511	4.508		4.508	4.415		4.415	4.415	61.2
13	12	Auburn Univ	4.703		4.703	4.445		4.445			DNA			DNA	4.445	59.85
14 T	8	Centro Universitario Da FEI	4.941		4.941	4.827		4.827	4.643		4.643	4.448		4.448	4.448	59.72
14 T	80	Kookmin Univ	4.448		4.448	4.523		4.523	4.672		4.672	4.735		4.735	4.448	59.72
16	6	Cornell Univ	4.459		4.459	4.518		4.518			DNA			DNA	4.459	59.22
17	23	Oregon State Univ	4.614		4.614	4.557		4.557	4.462		4.462	4.469		4.469	4.462	59.09
18	1	Universitat Stuttgart	4.499		4.499	4.546		4.546	4.589		4.589	4.465		4.465	4.465	58.96
19	5	Université Laval	4.722		4.722	5.322		5.322	4.491		4.491	4.470		4.470	4.470	58.74
20	84	Purdue Univ - W Lafayette	4.798		4.798	4.477		4.477	4.579		4.579	4.533		4.533	4.477	58.43
21	13	Missouri University of Science and Tech	4.561		4.561	4.479		4.479			DNA			DNA	4.479	58.34
22	43	San Jose State University	4.615		4.615	4.482		4.482			DNA			DNA	4.482	58.21
23	48	Oakland University	4.744		4.744	4.503		4.503			DNA			DNA	4.503	57.28
24	66	Fachhochschule Hamburg	4.810		4.810	4.669		4.669	4.696		4.696	4.518		4.518	4.518	56.63
25	36	Univ of Michigan - Ann Arbor	4.599		4.599	4.527		4.527			DNA			DNA	4.527	56.24
26	10	Univ of Florida	4.672		4.672	4.547		4.547			DNA			DNA	4.547	55.38
27	65	Universite Du Quebec a Trois-Rivieres	4.946		4.946	4.624		4.624	4.608		4.608	4.560		4.560	4.560	54.82



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#### **Acceleration Event Results**



2

Minimum Time (seconds)
Maximum Time (seconds)

4.131 6.197 150%

			F	Run #	1	F	Run #	2	F	Run #	3	I	Run #	ŧ4	Fi	nal
Place	Car Num	Теат	Time	Cones	AdjTime	Time	Cones	AdjTime	Time	Cones	AdjTime	Time	Cones	AdjTime	Best Time	Score
28	22	California State Poly Univ - Pomona	4.598		4.598	4.566		4.566			DNA			DNA	4.566	54.57
29	41	Univ of Pittsburgh - Pittsburgh	4.690		4.690	4.596		4.596			DNA			DNA	4.596	53.3
30 T	113	Univ of Wisconsin - Madison	4.674		4.674	4.661		4.661	4.721		4.721	4.613		4.613	4.613	52.59
30 T	126	Univ of Waterloo	5.586		5.586	5.096		5.096	4.613		4.613	4.636		4.636	4.613	52.59
32	3	Univ of Akron	4.648		4.648	4.677		4.677	5.242		5.242	4.615		4.615	4.615	52.51
33	9	Michigan State Univ	5.028		5.028	4.866		4.866	4.665		4.665	4.626		4.626	4.626	52.05
34	11	Instituto Maua de Tecnologia	4.864		4.864	4.824		4.824	4.741		4.741	4.639		4.639	4.639	51.52
35	82	Univ of Connecticut	4.670		4.670	4.728		4.728	5.180		5.180	5.221		5.221	4.670	50.25
36	53	Queen's Univ - Ontario Canada	4.894		4.894	4.792		4.792	4.918		4.918	4.700		4.700	4.700	49.04
37	73	Universite Du Quebec-Chicoutimi	4.773		4.773	4.704		4.704	4.849		4.849	4.734		4.734	4.704	48.88
38	32	Univ of Minnesota - Twin Cities	4.883		4.883	4.715		4.715	5.443		5.443	4.945		4.945	4.715	48.44
39	74	Cegep du Vieux - Montreal	4.739		4.739	4.789		4.789			DNA			DNA	4.739	47.49
40	114	Virginia Tech	4.917		4.917	4.759		4.759	4.898		4.898	4.868		4.868	4.759	46.7
41	88	California Polytechnic State Univ-SLO	5.036		5.036	4.795		4.795	4.915		4.915	4.782		4.782	4.782	45.8
42	108	Louisiana State Univ	5.003		5.003	4.783		4.783	4.916		4.916	5.208		5.208	4.783	45.77
43	92	California State Univ - Long Beach	4.975		4.975	4.784		4.784			DNA			DNA	4.784	45.73
44	49	Minnesota State University - Mankato	4.787		4.787	5.610		5.610			DNA			DNA	4.787	45.61
45	81	Georgia Southern Univ	4.970		4.970	4.788		4.788	4.800		4.800	7.168		7.168	4.788	45.57
46	67	Washington Univ - St Louis	5.731		5.731	5.595		5.595	4.898		4.898	4.808		4.808	4.808	44.8
47	47	Univ of Michigan - Dearborn	5.198		5.198	5.010		5.010	4.817		4.817	5.020		5.020	4.817	44.46
48	45	Oklahoma State Univ	4.970		4.970	4.822		4.822	5.253		5.253	4.837		4.837	4.822	44.27
49	42	Villanova Univ	4.858		4.858	6.078		6.078	4.830		4.830	5.310		5.310	4.830	43.96
50	93	York College of Pa	5.250		5.250	5.358		5.358	5.779		5.779	4.835		4.835	4.835	43.77
51	54	Florida Inst of Tech	6.433		6.433	10.690		10.690	4.850		4.850			DNA	4.850	43.21
52	25	Universidad Simon Bolivar	4.919		4.919	4.918		4.918	6.824		6.824	4.947		4.947	4.918	40.68
53	59	Dalhousie Univ	5.066		5.066	4.921		4.921			DNA			DNA	4.921	40.57
54	55	Cooper Union	5.120		5.120	5.736		5.736	5.026		5.026	4.926		4.926	4.926	40.39



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#### **Acceleration Event Results**



Minimum Time (seconds) Maximum Time (seconds)

4.131 6.197 150% Cone Penalty (seconds)

			F	Run #	1	F	Run #	2	F	Run #	3		Run #	<b>‡4</b>	Fi	nal
Place	Car Num	Теат	Time	Cones	AdjTime	Time	Cones	AdjTime	Time	Cones	AdjTime	Time	Cones	AdjTime	Best Time	Score
55	120	Bradley Univ	5.022		5.022	4.933		4.933	4.932		4.932	5.188		5.188	4.932	40.17
56	111	Univ of Manitoba	5.085		5.085	4.954		4.954	4.934		4.934	5.112		5.112	4.934	40.1
57	31	Georgia Institute of Technology	5.159		5.159	4.975		4.975			DNA			DNA	4.975	38.62
58	46	Michigan Tech Univ	5.003		5.003	5.071		5.071	5.005		5.005	5.019		5.019	5.003	37.62
59	79	Old Dominion Univ	5.145		5.145	5.572		5.572	5.131		5.131	5.088		5.088	5.088	34.66
60	14	Karlsruhe Institute of Technology	5.091		5.091			DNA			DNA			DNA	5.091	34.56
61	20	Univ of South Florida	5.402		5.402	5.113		5.113			DNA			DNA	5.113	33.81
62 T	94	West Virginia Univ	5.318		5.318	5.195		5.195	5.244		5.244	5.117		5.117	5.117	33.67
62 T	103	Univ of Evansville	5.248		5.248	5.117		5.117	5.388		5.388	5.354		5.354	5.117	33.67
64	98	Rose Hulman Inst of Tech	5.266		5.266	5.254		5.254	5.250		5.250	5.147		5.147	5.147	32.67
65	122	Rutgers Univ	5.149		5.149			DNA			DNA			DNA	5.149	32.6
66	37	Univ of New Hampshire	5.511		5.511	5.620		5.620	5.282		5.282	5.268		5.268	5.268	28.71
67	87	Kansas State Univ	5.679		5.679	5.496		5.496	5.411		5.411	5.269		5.269	5.269	28.68
68	96	Lehigh Univ	5.312		5.312	5.892		5.892			DNA	5.716		5.716	5.312	27.32
69	86	Southern Illinois Univ - Carbondale	5.430		5.430	5.691		5.691	5.647		5.647	6.095		6.095	5.430	23.69
70	26	US Naval Academy	20.958		20.958	8.569		8.569	8.070		8.070	5.450		5.450	5.450	23.1
71	4	Ecole De Technologie Superieure	5.511		5.511	5.592		5.592			DNA			DNA	5.511	21.3
72	105	Mississippi State Univ	5.726		5.726	6.087		6.087	5.559		5.559	5.540		5.540	5.540	20.46
73	56	Univ of Oklahoma	5.651		5.651	6.885		6.885			DNA			DNA	5.651	17.31
74	24	Universidad Central de Venezuela	5.681		5.681	12.823		12.823	6.481		6.481			DNA	5.681	16.49
75	34	Carleton Univ	5.754		5.754	6.207		6.207	5.901		5.901	5.822		5.822	5.754	14.51
76	116	Lafayette College	5.836		5.836	6.440		6.440	6.431		6.431	5.861		5.861	5.836	12.34
77	78	Western Michigan Univ	6.181		6.181	5.854		5.854			DNA			DNA	5.854	11.88
78	100	Vanderbilt Univ	5.941		5.941	6.266		6.266	6.583		6.583	6.001		6.001	5.941	9.66
79	89	Penn State Univ - University Park	6.158		6.158			DNA			DNA			DNA	6.158	4.41
80	39	Univ of Toronto	7.270		7.270	7.608		7.608	6.815		6.815			DNA	6.815	3.5
	16	Kettering Univ			DNA			DNA			DNA			DNA	DNA	



## **Acceleration Event Results**



Minimum Time (seconds) Maximum Time (seconds)

4.131 6.197 150% Cone Penalty (seconds)

			ı	Run#	1	F	Run #	2	F	Run #	3		Run #	4	Fi	nal
Place	Car Num	Team	Time	Cones	AdjTime	Best Time	Score									
	18	UAS Esslingen			DNA			DNA			DNA			DNA	DNA	
	19	Univ of Cincinnati			DNA			DNA			DNA			DNA	DNA	
	27	US Air Force Academy			DNA			DNA			DNA			DNA	DNA	
	29	Universidad Fermin Toro			DNA			DNA			DNA			DNA	DNA	
		Brown Univ			DNA			DNA			DNA			DNA	DNA	
	33	Yeungnam Univ			DNA			DNA			DNA			DNA	DNA	
	40	Kumoh National Institute of Technology			DNA			DNA			DNA			DNA	DNA	
		Univ of Central Florida			DNA			DNA			DNA			DNA	DNA	
	52	Univ of North Florida			DNA			DNA			DNA			DNA	DNA	
	58	Lawrence Technological Univ			DNA			DNA			DNA			DNA	DNA	
	61	Univ of Illinois - Chicago			DNA			DNA			DNA			DNA	DNA	
	63	Clarkson University			DNA			DNA			DNA			DNA	DNA	
	68	Univ of Alabama - Tuscaloosa			DNA			DNA			DNA			DNA	DNA	
	69	Universidad Iberoamericana			DNA			DNA			DNA			DNA	DNA	
	70	Univ of Hartford			DNA			DNA			DNA			DNA	DNA	
	71	Florida International Univ			DNA			DNA			DNA			DNA	DNA	
	72	Univ of Utah			DNA			DNA			DNA			DNA	DNA	
	76	Ferris State University			DNA			DNA			DNA			DNA	DNA	
	77	Rochester Institute of Technology			DNA			DNA			DNA			DNA	DNA	
	83	Recinto Univ De Mayaguez			DNA			DNA			DNA			DNA	DNA	
	85	Rensselaer Polytechnic Inst			DNA			DNA			DNA			DNA	DNA	
	90	Texas Tech Univ			DNA			DNA			DNA			DNA	DNA	
	91	Bits Pilani-Dubai			DNA			DNA			DNA			DNA	DNA	
	95	Univ of Kentucky			DNA			DNA			DNA			DNA	DNA	
	97	Lakehead Univ			DNA			DNA			DNA			DNA	DNA	
	99	Florida Atlantic Univ			DNA			DNA			DNA			DNA	DNA	
	101	Clemson Univ			DNA	_		DNA			DNA			DNA	DNA	



## **Acceleration Event Results**



Minimum Time (seconds) Maximum Time (seconds)

4.131 6.197 150% Cone Penalty (seconds)

			F	Run #	1	F	Run #	2	F	Run #	3		Run#	4	Fi	nal
Place	Car Num	Теат	Time	Cones	AdjTime	Best Time	Score									
	104	South Dakota Sch of Mines & Tech			DNA			DNA			DNA			DNA	DNA	
	106	North Dakota State Univ			DNA			DNA			DNA			DNA	DNA	
	107	American Univ of Sharjah			DNA			DNA			DNA			DNA	DNA	
	109	Northern Illinois Univ			DNA			DNA			DNA			DNA	DNA	
	110	Temple Univ			DNA			DNA			DNA			DNA	DNA	
	115	Ryerson Univ			DNA			DNA			DNA			DNA	DNA	
	117	Tennessee Tech Univ			DNA			DNA			DNA			DNA	DNA	
		Washington State Univ			DNA			DNA			DNA			DNA	DNA	
	121	Concordia University			DNA			DNA			DNA			DNA	DNA	
	123	MADI State Tech Univ			DNA			DNA	·		DNA	·		DNA	DNA	
	124	Univ of Guelph			DNA	•		DNA	·		DNA			DNA	DNA	
	125	Northwestern Univ			DNA			DNA			DNA			DNA	DNA	



## Skidpad Event Results



Minimum Time (seconds) Maximum Time (seconds) 4.847 6.059 125%

			<b>Driver 1</b>	Run 1			<b>Driver 1</b>	Run 2			Driver 2	Run 1			Driver 2	Run 2				
Place	Car Num	Team	Time R	Time L	Cones	AdjTime	Time R	Time L	Cones	AdjTime	Time R	Time L	Cones	AdjTime	Time R	Time L	Cones	AdjTime	Best Time	Score
1	23	Oregon State Univ	4.809	4.939		4.874	4.708	4.928	2	5.068	4.789	4.906		4.847	4.678	5.195		4.936	4.847	50
2	66	Fachhochschule Hamburg	5.193	5.421		5.307				DNA	DNF	5.035		DNF	4.975	4.926		4.950	4.950	44.57
3	4	Ecole De Technologie Superieure	5.043	5.013		5.028	4.849	5.326	2	5.337	5.519	5.061		5.290	5.067	4.866		4.966	4.966	43.75
4	112	FH - Joanneum Graz	5.154	4.916		5.035	5.117	4.932		5.024				DNA				DNA	5.024	40.87
5	1	Universitat Stuttgart	5.182	5.249		5.215	4.956	5.228		5.092	5.178	5.184		5.181	5.130	4.939		5.034	5.034	40.38
6	5	Université Laval	5.577	5.739	1	5.783	5.398	5.756		5.577	5.171	4.941		5.056	5.182	5.087		5.134	5.056	39.32
7	8	Centro Universitario Da FEI	5.206	5.120		5.163	5.217	5.160		5.188	5.117	5.371	1	5.369	5.098	5.031		5.064	5.064	38.94
8	14	Karlsruhe Institute of Technology	6.137	DNF		DNF	5.392	5.138		5.265	5.096	5.058		5.077	5.065	5.139		5.102	5.077	38.32
9	60	Univ of Western Ontario	5.871	5.286		5.578	5.772	5.248		5.510	5.680	5.238	2	5.709	5.205	4.956		5.080	5.080	38.18
10	21	Technical Univ of Munich	5.264	5.134		5.199	5.177	5.281		5.229	5.256	5.164	1	5.335	5.119	5.045		5.082	5.082	38.08
11	6	Cornell Univ	5.107	5.230		5.168	5.021	5.154		5.087	5.153	5.222		5.187	5.088	5.551		5.319	5.087	37.85
12	62	Univ of Missouri	5.517	5.205	1	5.486	5.196	5.211	3	5.578	5.427	5.091		5.259	5.227	4.969		5.098	5.098	37.33
13	113	Univ of Wisconsin - Madison	5.639	5.324	2	5.731	5.150	5.085		5.117				DNA				DNA	5.117	36.45
14		Missouri University of Science and Tech	5.280	5.179		5.229	5.240	6.873	4	6.556	5.077	5.269		5.173	5.184	5.107		5.145	5.145	35.16
15 T	3	Univ of Akron	5.593	5.183		5.388	5.251	DNF		DNF	5.047	5.252		5.149	5.185	5.486		5.335	5.149	34.98
15 T	57	Univ of Toledo	5.210	5.215		5.212	5.151	5.148		5.149	5.279	5.209		5.244	5.189	5.271	2	5.480	5.149	34.98
17	15	Univ of Kansas - Lawrence	5.684	5.495	3	5.964	5.537	5.355		5.446	5.325	5.154		5.239	5.267	5.167		5.217	5.217	31.95
18	126	Univ of Waterloo	5.908	5.454		5.681	5.472	5.372		5.422	5.487	5.251		5.369	5.196	5.266		5.231	5.231	31.34
19	43	San Jose State University	5.366	5.400		5.383	5.203	5.289		5.246				DNA				DNA	5.246	30.7
20	10	Univ of Florida	5.349	5.388		5.368	5.691	5.373		5.532	5.401	5.334		5.367	5.329	5.196		5.262	5.262	30.01
21	114	Virginia Tech	5.405	5.335	1	5.495	5.566	5.149		5.357	5.584	5.231		5.407	5.343	5.193		5.268	5.268	29.76
22	50	Saginaw Valley State Univ	6.161	6.200		6.180	6.010	6.161		6.085	5.526	5.189		5.357	5.429	5.176		5.302	5.302	28.33
23	22	California State Poly Univ - Pomona	5.702	5.418		5.560	5.502	5.353		5.427	5.407	5.209	1	5.433	5.342	5.264		5.303	5.303	28.29
24	12	Auburn Univ	5.315	5.455	2	5.635	5.310	5.318		5.314	5.273	5.317	1	5.420	5.448	5.489	1	5.593	5.314	27.83
25	11	Instituto Maua de Tecnologia	5.841	5.999	4	6.420	5.703	5.798		5.750	5.499	5.416		5.457	5.356	5.317		5.336	5.336	26.93
26	44	Ohio State Univ	5.502	5.244		5.373	5.315	5.383		5.349				DNA				DNA	5.349	26.4
27	88	California Polytechnic State Univ-SLO				DNA				DNA	5.669	5.544	2	5.856	5.417	5.307		5.362	5.362	25.88
28	82	Univ of Connecticut	5.778	5.463		5.620	5.310	5.466		5.388	5.535	5.304		5.419	24.541	7.103	2	16.072	5.388	24.84
29		Mississippi State Univ	5.372	5.426		5.399	5.318		3	5.800	6.455	6.189		6.322	5.992	5.769		5.880	5.399	24.4
30		Universite Du Quebec a Trois-Rivieres	5.762	5.876			5.443			5.416	5.658	6.013	2	6.085		5.564	3	6.041	5.416	23.74
31		Purdue Univ - W Lafayette	5.550	5.634		5.592	5.535	5.350		5.442	5.427	5.352	1	5.514	5.400	5.330	1	5.490	5.442	22.73
32 T		Univ of Michigan - Ann Arbor	5.535	5.356		5.445	5.416	5.260	2	5.588				DNA				DNA	5.445	22.61
32 T		North Carolina State Univ - Raleigh	6.033	5.937		5.985	5.870	5.656		5.763	5.791	5.785		5.788	5.498	5.392		5.445	5.445	22.61
34		Univ of Oklahoma	5.566	5.528		5.547	5.421	5.471		5.446				DNA				DNA	5.446	22.58
35	80	Kookmin Univ	5.643	5.614		5.628	5.846	5.530		5.688	5.768	5.391		5.579	5.517	5.377		5.447	5.447	22.54
36	87	Kansas State Univ	5.564	5.707	3	6.010	5.842	5.356		5.599	5.654	5.288		5.471	5.313	5.476	1	5.519	5.471	21.62



## Skidpad Event Results



Minimum Time (seconds)

Maximum Time (seconds)

4.847 6.059 125%

						Maximur	m Time (s	seconds)		6.059	125%									
			Driver 1	Run 1			Driver 1	Run 2			Driver 2	Run 1			Driver 2	Run 2				
Place	Car Num	Теат	Time R	Time L	Cones	AdjTime	Time R	Time L	Cones	AdjTime	Time R	Time L	Cones	AdjTime	Time R	Time L	Cones	AdjTime	Best Time	Score
37	86	Southern Illinois Univ - Carbondale	5.554	5.404	2	5.729	5.628	5.382		5.505	5.483	5.621		5.552	5.487	5.462		5.474	5.474	21.51
38	17	Univ of Illinois - Urbana Champaign	5.532	5.462		5.497				DNA	5.545	5.434		5.489	5.699	5.285	4	5.992	5.489	20.94
39	96	Lehigh Univ	5.775	5.507		5.641	5.537	5.452		5.494	7.414	6.323		6.868	6.390	5.661		6.025	5.494	20.76
40	79	Old Dominion Univ	6.098	8.613		7.355	5.754	5.852		5.803	6.526	5.817		6.171	5.508	5.536		5.522	5.522	19.72
41		Universidad Simon Bolivar	5.576	5.589	1	5.707	5.596	5.469		5.532				DNA				DNA	5.532	19.35
42		Univ of Michigan - Dearborn	6.281	5.726	1	6.128	5.733	5.583		5.658	5.620	5.454		5.537	5.612	5.479		5.545	5.537	19.17
43		Michigan State Univ	5.658	5.721		5.689	5.829	5.437	4	6.133	5.674	DNF		DNF	5.608	5.475		5.541	5.541	19.02
44		Louisiana State Univ	5.942	5.662		5.802	6.259	5.719		5.989	5.559	5.571		5.565	5.749	5.412	1	5.705	5.565	18.15
45		Vanderbilt Univ	5.533	5.631		5.582	5.445	7.170	3		5.546	5.739		5.642	5.496	5.309	3	5.777	5.582	17.55
46	38	National Univ of Singapore	5.667	5.643		5.655	5.503	5.672		5.587	5.347	5.704	2	5.775	5.387	DNF		DNF	5.587	17.37
47	34	Carleton Univ	5.882	5.515		5.698	5.627	5.549		5.588	5.940	5.467		5.703	5.960	5.276		5.618	5.588	17.33
48	20	Univ of South Florida	6.052	6.047		6.049	5.877	5.797		5.837	5.585	5.791		5.688	5.655	5.539		5.597	5.597	17.01
49	98	Rose Hulman Inst of Tech	5.587	5.413	1	5.625	5.938	5.995	2		5.557	5.866	1	5.836	5.823	5.729		5.776	5.625	16.03
50	73	Universite Du Quebec-Chicoutimi	6.143	6.237		6.190	5.708	5.727		5.717	5.718	5.555		5.636				DNA	5.636	15.65
51	45	Oklahoma State Univ	6.039	6.232	1	6.260	5.871	6.104	1	6.112	5.673	5.702	2	5.937	5.750	5.530		5.640	5.640	15.51
52		Univ of Minnesota - Twin Cities	6.008	5.987		5.997	5.568	5.787	1	5.802	6.031	5.884		5.957	5.554	5.745		5.649	5.649	15.2
53	67	Washington Univ - St Louis	6.234	5.960		6.097	5.902	5.410		5.656	5.363	6.371	2	6.117	DNF	5.382	1	DNF	5.656	14.96
54		Georgia Southern Univ	6.442	6.053		6.247	5.767	5.560		5.663	6.047	5.244	1	5.770	5.534	5.640	2	5.837	5.663	14.72
55		Lafayette College	5.651	DNF		DNF	5.800	5.600		5.700	DNF			DNF	5.700	5.498	4	6.099	5.700	13.47
56		Rutgers Univ	5.459	6.190		5.824	5.613	5.809		5.711				DNA				DNA	5.711	13.1
57 T		California State Univ - Long Beach				DNA				DNA	5.796	5.735		5.765	5.679	5.619	2	5.899	5.765	11.33
57 T		Univ of Manitoba	6.520	6.259		6.389	6.037	5.752		5.894	5.615	5.665	1	5.765	DNF			DNF	5.765	11.33
59		Univ of New Hampshire	6.368	5.878		6.123	5.719	5.841		5.780	6.408	5.853		6.130	5.857	5.775		5.816	5.780	10.85
60	42	Villanova Univ				DNA				DNA	5.852	6.164		6.008	5.727	5.906		5.816	5.816	9.7
61	31	Georgia Institute of Technology				DNA				DNA	DNF			DNF	6.074	5.651		5.862	5.862	8.27
62	64	Duke Univ	8.456	8.187	2	8.571	7.457	6.483		6.970	5.934	5.795		5.864	5.643	5.781	2	5.962	5.864	8.21
63		Univ of Evansville	7.101	6.137		6.619	6.157	5.624		5.890	DNF			DNF	7.103	DNF		DNF	5.890	7.41
64		Michigan Tech Univ	6.429	6.104		6.266		6.020		5.911	5.827	DNF		DNF	6.753	6.047		6.400	5.911	6.78
65		Oakland University	6.093	5.790		5.941	5.793	6.044		5.918				DNA				DNA	5.918	6.57
66		Clarkson University				DNA				DNA	6.059	5.834		5.946	7.332	5.666		6.499	5.946	5.74
67	•	Florida Inst of Tech	7.077	6.609		6.843	6.364	6.340	1	6.477	6.095	6.019		6.057	6.304	DNF		DNF	6.057	2.56
68 T		US Naval Academy	6.601	6.357		6.479	6.176	5.777	1	6.101	6.625	DNF		DNF	6.133	8.465	3	7.674	6.101	2.5
68 T		Queen's Univ - Ontario Canada	6.443	6.210	2	6.576	5.989	5.472	3		6.469	6.305		6.387	6.523	5.945		6.234	6.105	2.5
68 T		West Virginia Univ				DNA				DNA	7.073	6.541		6.807	6.502	5.907		6.204	6.204	2.5
68 T		Bradley Univ	6.033	8.145	7	7.964	5.979	7.262	6		6.406	6.472		6.439	6.393	6.025		6.209	6.209	2.5
68 T	59	Dalhousie Univ	DNF	6.464		DNF	6.433	6.084		6.258	DNF			DNF	12.269	DNF		DNF	6.258	2.5



## Skidpad Event Results



Minimum Time (seconds) Maximum Time (seconds) 4.847 6.059 125%

			Driver 1	Run 1			Driver 1	Run 2			Driver 2	Run 1			Driver 2	Run 2				
Place	Car Num	Team	Time R	Time L	Cones	AdjTime	Time R	Time L	Cones	AdjTime	Time R	Time L	Cones	AdjTime	Time R	Time L	Cones	AdjTime	Best Time	Score
68 T		Cooper Union	6.359	6.285		6.322	8.804	8.305	7	9.429				DNA				DNA	6.322	2.5
68 T	49	Minnesota State University - Mankato	6.226	6.589	1	6.532	7.614	DNF		DNF				DNA				DNA	6.532	2.5
68 T		York College of Pa	6.768	6.599	1	6.808	6.547	6.609	1	6.703	7.880	7.034		7.457	6.802	6.459		6.630	6.630	2.5
68 T		Penn State Univ - University Park	7.581	6.858	1	7.344				DNA				DNA				DNA	7.344	2.5
68 T	78	Western Michigan Univ	7.957	8.673	1	8.440				DNA				DNA				DNA	8.440	2.5
	16	Kettering Univ				DNA	DNA													
		UAS Esslingen				DNA	DNA													
		Univ of Cincinnati				DNA	DNA													
	24	Universidad Central de Venezuela				DNA	DNA													
	27	US Air Force Academy				DNA	DNA													
	29	Universidad Fermin Toro				DNA	DNA													
	30	Brown Univ				DNA	DNA													
	33	Yeungnam Univ				DNA	DNA													
	39	Univ of Toronto				DNA	DNA													
	40	Kumoh National Institute of Technology				DNA	DNA													
	41	Univ of Pittsburgh - Pittsburgh				DNA	DNA													
	51	Univ of Central Florida				DNA	DNA													
	52	Univ of North Florida				DNA	DNA													
	58	Lawrence Technological Univ				DNA	DNA													
	61	Univ of Illinois - Chicago				DNA	DNA													
	68	Univ of Alabama - Tuscaloosa				DNA	DNA													
	69	Universidad Iberoamericana				DNA	DNA													
	70	Univ of Hartford				DNA	DNA													
	71	Florida International Univ				DNA	DNA													
	72	Univ of Utah				DNA	DNA													
	74	Cegep du Vieux - Montreal				DNA	DNA													
	76	Ferris State University				DNA	DNA													
	77	Rochester Institute of Technology				DNA	DNA													
		Recinto Univ De Mayaguez				DNA	DNA													
	85	Rensselaer Polytechnic Inst				DNA	DNA													
		Texas Tech Univ				DNA	DNA													
	91	Bits Pilani-Dubai				DNA	DNA													
		Univ of Kentucky				DNA	DNA													
	97	Lakehead Univ				DNA	DNA													
	99	Florida Atlantic Univ				DNA	DNA													
	101	Clemson Univ		,		DNA				DNA		,		DNA				DNA	DNA	



## Skidpad Event Results



Minimum Time (seconds) Maximum Time (seconds) 4.847 6.059 125%

			Driver 1	Run 1			Driver 1	Run 2			Driver 2	Run 1			Driver 2	Run 2				
Place	Car Num	Теат	Time R	Time L	Cones	AdjTime	Time R	Time L	Cones	AdjTime	Time R	Time L	Cones	AdjTime	Time R	Time L	Cones	AdjTime	Best Time	Score
	104	South Dakota Sch of Mines & Tech				DNA	DNA													
	106	North Dakota State Univ				DNA	DNA													
	107	American Univ of Sharjah				DNA	DNA													
	109	Northern Illinois Univ				DNA	DNA													
	110	Temple Univ				DNA	DNA													
	115	Ryerson Univ				DNA	DNA													
	117	Tennessee Tech Univ				DNA	DNA													
	119	Washington State Univ				DNA	DNA													
	121	Concordia University				DNA	DNA													
		MADI State Tech Univ				DNA	DNA													
	124	Univ of Guelph				DNA	DNA													
	125	Northwestern Univ				DNA	DNA													



## **Autocross Event Results**



Minimum Time (seconds) 49.890 Cone Penalty (seconds) 2
Maximum Time (seconds) 72.341 145% Off Course Penalty (seconds) 20

				Rui	า #1			Rui	า #2			Rui	า #3			Rur	า #4			
Place	Car Num	Team	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Best Time	Score
1	23	Oregon State Univ	54.039			54.039	51.754			51.754	51.477			51.477	49.890			49.890	49.890	150
2	21	Technical Univ of Munich	DNF			DNF	56.135			56.135	51.386			51.386	50.690			50.690	50.690	142.75
3	66	Fachhochschule Hamburg	53.197			53.197	52.952	1		54.952	61.543	1		63.543	50.993			50.993	50.993	140.07
4	14	Karlsruhe Institute of Technology	53.459	1		55.459	52.823			52.823	55.445			55.445	55.891	1		57.891	52.823	124.51
5	1	Universitat Stuttgart	55.029			55.029	51.127	1		53.127	54.060			54.060	53.449			53.449	53.127	122.02
6	3	Univ of Akron	55.378			55.378	53.499			53.499	56.954	1		58.954	54.642			54.642	53.499	119.03
7	77	Rochester Institute of Technology	58.355	1		60.355	55.989	1		57.989	58.548			58.548	53.732			53.732	53.732	117.17
8	112	FH - Joanneum Graz	55.485		1	75.485	53.815			53.815				DNA				DNA	53.815	116.51
9	43	San Jose State University	53.925			53.925	54.352			54.352	61.978		1	81.978	58.753			58.753	53.925	115.64
10	36	Univ of Michigan - Ann Arbor	56.649			56.649	54.435			54.435	56.243			56.243	54.614			54.614	54.435	111.66
11	114	Virginia Tech	55.658	1		57.658	54.879			54.879	59.741		1	79.741	56.727	1		58.727	54.879	108.26
12	65	Universite Du Quebec a Trois-Rivieres	60.292			60.292	70.055	1		72.055	57.269			57.269	55.184			55.184	55.184	105.95
13	13	Missouri University of Science and Tech	56.030	1	1	78.030	55.437			55.437	57.864			57.864	54.307	1	1	76.307	55.437	104.06
14	15	Univ of Kansas - Lawrence	55.499			55.499	55.495			55.495	54.090	1		56.090	53.900	1		55.900	55.495	103.63
15	10	Univ of Florida	62.998		2	102.998	62.046	1		64.046	56.866			56.866	55.844			55.844	55.844	101.05
16	84	Purdue Univ - W Lafayette	70.667			70.667	64.167			64.167	56.414			56.414	55.845			55.845	55.845	101.04
17	12	Auburn Univ	61.141			61.141	57.937			57.937	58.115		1	78.115	55.975			55.975	55.975	100.09
18	57	Univ of Toledo	57.769		1	77.769	57.671		1	77.671	57.578			57.578	56.163			56.163	56.163	98.72
19	5	Université Laval	57.683			57.683	55.084	2		59.084	75.600	2	1	99.600	54.856	1		56.856	56.856	93.74
20	113	Univ of Wisconsin - Madison	58.700			58.700	57.065			57.065	55.927		3	115.927	57.078			57.078	57.065	92.27
21	22	California State Poly Univ - Pomona	59.669	1		61.669	57.152			57.152	57.848	1		59.848	58.480			58.480	57.152	91.66
22	8	Centro Universitario Da FEI	65.233			65.233	60.246			60.246	57.604	1		59.604	57.232			57.232	57.232	91.1
23	44	Ohio State Univ	60.457			60.457	58.201			58.201	57.578		1	77.578	55.234	1		57.234	57.234	91.08
24	50	Saginaw Valley State Univ	72.282			72.282	65.054			65.054	59.969	1		61.969	58.265			58.265	58.265	84.0
25	126	Univ of Waterloo	59.583			59.583	58.287			58.287	59.927		1	79.927	58.472			58.472	58.287	83.85
26	4	Ecole De Technologie Superieure	56.444	1		58.444	55.953	3		61.953	56.375		1	76.375				DNA	58.444	82.8
27	60	Univ of Western Ontario	57.353		1	77.353	53.688		1	73.688	62.913		1	82.913	58.460			58.460	58.460	82.69
28	17	Univ of Illinois - Urbana Champaign	55.990	1	1	77.990	58.514			58.514	60.302		2	100.302	64.453			64.453	58.514	82.33
29	25	Universidad Simon Bolivar	65.186			65.186	91.505		1	111.505	62.988			62.988	58.804			58.804	58.804	80.4
30	80	Kookmin Univ	59.457	1		61.457	56.944	1		58.944	63.742	1		65.742	60.340			60.340	58.944	79.47
31	32	Univ of Minnesota - Twin Cities	69.783			69.783	67.490			67.490	59.490			59.490	DQ			DNF	59.490	75.91
32	47	Univ of Michigan - Dearborn	62.454	2		66.454	59.697			59.697	61.826	5		71.826	59.282		1	79.282	59.697	74.57



#### **Autocross Event Results**



2

20

Minimum Time (seconds) 49.890 Cone Penalty (seconds)

Maximum Time (seconds) 72.341 145% Off Course Penalty (seconds)

				Rui	n #1			Rui	n #2			Rui	n #3			Rui	า #4			
Place	Car Num	Team	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Best Time	Score
33	62	Univ of Missouri	64.938			64.938	60.213			60.213	66.623			66.623	57.048	2		61.048	60.213	71.28
34	88	California Polytechnic State Univ-SLO	65.366			65.366	60.327			60.327				DNA				DNA	60.327	70.56
35	64	Duke Univ	63.550			63.550	59.510	1		61.510	59.692	1	1	81.692	60.819			60.819	60.819	67.49
36	9	Michigan State Univ	68.007		1	88.007	62.786		1	82.786	66.341			66.341	61.013			61.013	61.013	66.29
37	6	Cornell Univ	61.273			61.273	61.391			61.391				DNA				DNA	61.273	64.7
38	45	Oklahoma State Univ	76.785			76.785	73.782			73.782	63.592	1	1	85.592	61.361			61.361	61.361	64.16
39	90	Texas Tech Univ	62.858	2		66.858	58.745	2		62.745	61.681			61.681	73.047	2		77.047	61.681	62.23
40	31	Georgia Institute of Technology	61.757			61.757	77.123	1	1	99.123	75.317		1	95.317				DNA	61.757	61.77
41	42	Villanova Univ	75.221	1		77.221	68.974	3		74.974	64.137			64.137	60.275	1		62.275	62.275	58.68
42	20	Univ of South Florida	65.200			65.200	62.763			62.763				DNA				DNA	62.763	55.82
43	105	Mississippi State Univ	66.027	1	1	88.027	65.918			65.918	63.796		1	83.796	63.209			63.209	63.209	53.25
44	73	Universite Du Quebec-Chicoutimi	67.167		1	87.167	63.305			63.305	75.998		2	115.998	69.191			69.191	63.305	52.7
45	82	Univ of Connecticut	67.485		2	107.485	63.407			63.407	61.912		1	81.912				DNA	63.407	52.12
46	48	Oakland University	63.242	1		65.242	61.528	1		63.528	63.247		1	83.247	65.536	2		69.536	63.528	51.43
47	79	Old Dominion Univ	73.004	1	1	95.004	65.667			65.667	74.122	2	2	118.122	63.967			63.967	63.967	48.95
48	103	Univ of Evansville	64.246			64.246	65.189	1		67.189	68.378		1	88.378	65.386	1		67.386	64.246	47.4
49	98	Rose Hulman Inst of Tech	71.798			71.798	65.729			65.729	72.354			72.354	64.281			64.281	64.281	47.21
50	11	Instituto Maua de Tecnologia	71.666	3		77.666	65.749	1	1	87.749	64.360			64.360	60.320		1	80.320	64.360	46.77
51	108	Louisiana State Univ	75.338		1	95.338	66.447			66.447	68.148	1	2	110.148	62.467	1		64.467	64.467	46.18
52	94	West Virginia Univ	69.541	1	2	111.541	66.017	2	3	130.017	64.630		2	104.630	62.658	1		64.658	64.658	45.13
53	78	Western Michigan Univ	74.378		1	94.378	65.155			65.155	89.728		2	129.728				DNA	65.155	42.43
54	86	Southern Illinois Univ - Carbondale	67.518	2		71.518	63.801	1		65.801	61.489	5	1	91.489	62.526	2	1	86.526	65.801	38.97
55	101	Clemson Univ	66.208			66.208	65.807			65.807	70.412		1	90.412				DNA	65.807	38.94
56	85	Rensselaer Polytechnic Inst	65.994			65.994	62.894	2		66.894	69.735		1	89.735	DNF			DNF	65.994	37.96
57	38	National Univ of Singapore	71.381		2	111.381	70.091			70.091	66.061			66.061	70.352			70.352	66.061	37.6
58	111	Univ of Manitoba	DNF			DNF	DNF			DNF	63.160	1	1	85.160	64.268	1		66.268	66.268	36.52
59	46	Michigan Tech Univ	76.829		1	96.829	66.403			66.403	64.874	4	1	92.874	66.299			66.299	66.299	36.36
60	99	Florida Atlantic Univ	70.283		1	90.283	109.042	2		113.042	68.712	2		72.712	67.819			67.819	67.819	28.61
61	81	Georgia Southern Univ	58.033	1	1	80.033	61.393	2	2	105.393	68.034			68.034	64.693		1	84.693	68.034	27.55
62	87	Kansas State Univ	74.524	1	1	96.524	64.407	2		68.407	73.168		1	93.168	72.460			72.460	68.407	25.71
63	16	Kettering Univ	72.884			72.884	66.638	1		68.638				DNA				DNA	68.638	24.58
64	53	Queen's Univ - Ontario Canada	67.079	1		69.079	60.934		1	80.934	70.867			70.867	68.982		1	88.982	69.079	22.45



## **Autocross Event Results**



Minimum Time (seconds) 49.890 Cone Penalty (seconds) 2
Maximum Time (seconds) 72.341 145% Off Course Penalty (seconds) 20

				Rui	า #1			Rui	n #2			Rui	า #3			Rui	n #4			
Place	Car Num	Team	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Best Time	Score
65	26	US Naval Academy	73.172		1	93.172	67.269	1		69.269	90.079			90.079	73.019			73.019	69.269	21.54
66	55	Cooper Union	72.504	2		76.504	69.425	3		75.425	67.277	1		69.277	68.524	1	2	110.524	69.277	21.51
67	34	Carleton Univ	76.092			76.092	72.295			72.295	72.961	2		76.961	69.469			69.469	69.469	20.59
68	96	Lehigh Univ	74.403		1	94.403	69.493			69.493	77.340	5	1	107.340	78.833		1	98.833	69.493	20.48
69	37	Univ of New Hampshire	71.455	1	1	93.455	70.770			70.770				DNA				DNA	70.770	14.53
70	41	Univ of Pittsburgh - Pittsburgh	64.616	2	1	88.616	67.884	2		71.884	65.682	1	2	107.682				DNA	71.884	9.51
71 T	124	Univ of Guelph	75.695		1	95.695	73.065			73.065	93.814		2	133.814	72.681			72.681	72.681	7.5
71 T	52	Univ of North Florida	78.219	2	1	102.219	72.371	1		74.371	82.755	1	1	104.755	71.119	1		73.119	73.119	7.5
71 T	100	Vanderbilt Univ	78.281			78.281	75.427			75.427	65.798		1	85.798	74.192			74.192	74.192	7.5
71 T	120	Bradley Univ	70.451	1	2	112.451	91.726	1	3	153.726	76.586	2	1	100.586	75.599			75.599	75.599	7.5
71 T	76	Ferris State University	79.452		2	119.452	74.149	1		76.149				DNA				DNA	76.149	7.5
71 T	56	Univ of Oklahoma	85.217			85.217	76.717			76.717				DNA				DNA	76.717	7.5
71 T	39	Univ of Toronto	80.281			80.281	77.567			77.567	103.608	2	3	167.608	76.892	1	2	118.892	77.567	7.5
71 T	59	Dalhousie Univ	81.958	1		83.958	89.893	1		91.893	87.527			87.527	76.022	1		78.022	78.022	7.5
71 T	49	Minnesota State University - Mankato	84.179		3	144.179	75.873	2		79.873	76.193		1	96.193	73.023		2	113.023	79.873	7.5
71 T	116	Lafayette College	72.411		1	92.411	71.074	1	4	153.074	63.126	3	1	89.126	62.237		1	82.237	82.237	7.5
71 T	93	York College of Pa	91.689		1	111.689	83.370	1		85.370	88.769	1		90.769	82.546			82.546	82.546	7.5
71 T	63	Clarkson University	78.853	2		82.853	72.618	1	2	114.618	72.765		1	92.765	71.078		2	111.078	82.853	7.5
71 T	61	Univ of Illinois - Chicago	95.585		1	115.585	82.907			82.907				DNA				DNA	82.907	7.5
71 T	122	Rutgers Univ	66.041		2	106.041	63.260		1	83.260	70.572	3	1	96.572	75.385	1	2	117.385	83.260	7.5
71 T	121	Concordia University	69.632		1	89.632	63.758	1	1	85.758				DNA				DNA	85.758	7.5
71 T	102	North Carolina State Univ - Raleigh	69.567		1	89.567	67.451		1	87.451	61.236	1	3	123.236				DNA	87.451	7.5
71 T	92	California State Univ - Long Beach	107.890	1		109.890	79.682	2	1	103.682	63.563	3	1	89.563	60.627	5	1	90.627	89.563	7.5
71 T	74	Cegep du Vieux - Montreal	DNF			DNF	70.489		1	90.489	76.847		1	96.847				DNA	90.489	7.5
71 T	54	Florida Inst of Tech	DNF			DNF	72.006		1	92.006	93.331	1		95.331	75.931		1	95.931	92.006	7.5
71 T	68	Univ of Alabama - Tuscaloosa	87.406		1	107.406	90.505	1	1	112.505	DNF			DNF				DNA	107.406	7.5
	18	UAS Esslingen				DNA				DNA				DNA				DNA	DNA	
	19	Univ of Cincinnati				DNA				DNA				DNA				DNA	DNA	
	24	Universidad Central de Venezuela				DNA				DNA				DNA				DNA	DNA	
	27	US Air Force Academy				DNA				DNA				DNA				DNA	DNA	
	29	Universidad Fermin Toro				DNA				DNA				DNA				DNA	DNA	
	30	Brown Univ				DNA				DNA				DNA				DNA	DNA	



#### **Autocross Event Results**



2

Minimum Time (seconds) 49.890 Cone Penalty (seconds) Maximum Time (seconds) 72.341 145% 20 Off Course Penalty (seconds)

				Rui	n #1			Rui	n #2			Rui	า #3			Ru	n #4			
Place	Car Num	Team	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Time	Cones	Off Course	AdjTime	Best Time	Score
	33	Yeungnam Univ				DNA	DNA													
	40	Kumoh National Institute of Technology				DNA	DNA													
	51	Univ of Central Florida				DNA	DNA													
	58	Lawrence Technological Univ				DNA	DNA													
	67	Washington Univ - St Louis				DNA	DNA													
	69	Universidad Iberoamericana				DNA	DNA													
	70	Univ of Hartford				DNA	DNA													
	71	Florida International Univ				DNA	DNA													
	72	Univ of Utah				DNA	DNA													
	83	Recinto Univ De Mayaguez				DNA	DNA													
	89	Penn State Univ - University Park				DNA	DNA													
	91	Bits Pilani-Dubai				DNA	DNA													
	95	Univ of Kentucky				DNA	DNA													
	97	Lakehead Univ				DNA	DNA													
	104	South Dakota Sch of Mines & Tech				DNA	DNA													
	106	North Dakota State Univ				DNA	DNA													
	107	American Univ of Sharjah				DNA	DNA													
	109	Northern Illinois Univ				DNA	DNA													
	110	Temple Univ				DNA	DNA													
	115	Ryerson Univ				DNA	DNA													
	117	Tennessee Tech Univ				DNA	DNA													
	119	Washington State Univ				DNA	DNA													
	123	MADI State Tech Univ				DNA	DNA													
	125	Northwestern Univ				DNA	DNA													



#### **Endurance Event Results**



Minimum Time (seconds) 1195.405 Maximum Time (seconds) 1733.400 145%

2 20 sec

_		T .	r	т	2	20	sec		
Place	Car Num	Team	Time	Laps	Cones	Off Course	Other Penalty	Adjusted Time	Endurance Score
1	23	Oregon State Univ	1187.405	20	4			1195.405	300
2	21	Technical Univ of Munich	1198.427	20	3			1204.427	294.0
3	1	Universitat Stuttgart	1229.773	20	3			1235.773	273.7
4	112	FH - Joanneum Graz	1236.113	20	2			1240.113	271.0
5	3	Univ of Akron	1267.813	20	2			1271.813	251.6
6	5	Université Laval	1267.057	20	3			1273.057	250.9
7	36	Univ of Michigan - Ann Arbor	1279.559	20	1			1281.559	245.9
8	12	Auburn Univ	1298.467	20	1			1300.467	234.9
9	10	Univ of Florida	1292.672	20	11			1314.672	226.9
10	60	Univ of Western Ontario	1363.784	20	2			1367.784	198.5
11	15	Univ of Kansas - Lawrence	1276.771	20	11	1	57	1375.660	194.5
12	8	Centro Universitario Da FEI	1381.534	20				1381.534	191.5
13	84	Purdue Univ - W Lafayette	1378.916	20	2			1382.916	190.8
14	22	California State Poly Úniv - Pomona	1384.347	20		1		1404.347	180.2
15	80	Kookmin Univ	1378.945	20	2	2		1422.945	171.2
16	43	San Jose State University	1389.269	20		2		1429.269	168.2
17	17	Univ of Illinois - Urbana Champaign	1432.389	20	5			1442.389	162.1
18	13	Missouri University of Science and Tech	1372.794	20	6	3		1444.794	161.0
19	32	Univ of Minnesota - Twin Cities	1480.378	20	1	Ť		1482.378	144.1
20	82	Univ of Connecticut	1468.371	20	3	1		1494.371	138.9
21	47	Univ of Michigan - Dearborn	1411.706	20	6	4		1503.706	134.9
22	62	Univ of Missouri	1513.444	20	3	1		1539.444	120.0
23	126	Univ of Waterloo	1480.465	20	6		68	1560.435	111.6
24	98	Rose Hulman Inst of Tech	1580.831	20	4		- 55	1588.831	100.5
25	79	Old Dominion Univ	1555.975	20		2		1595.975	97.8
26	11	Instituto Maua de Tecnologia	1537.591	20	1	3		1599.591	96.5
27	65	Universite Du Quebec a Trois-Rivieres	1325.087	20	9	8	117	1620.293	88.8
28	56	Univ of Oklahoma	1624.087	20	2	Ť		1628.087	85.9
29	53	Queen's Univ - Ontario Canada	1628.488	20	2			1632.488	84.3
30	38	National Univ of Singapore	1554.551	20	3	3	17	1638.046	82.3
31	31	Georgia Institute of Technology	1609.526	20		2	···	1659.526	74.7
32	103	Univ of Evansville	1579.410	20	3	4		1665.410	72.7
33	88	California Polytechnic State Univ-SLO	1559.083	20	2	6		1683.083	66.6
34	34	Carleton Univ	1655.436	20	7	1		1689.436	64.5
35	108	Louisiana State Univ	1602.641	20	3	5		1708.641	58.0
36		Lafayette College	1671.926	20	7	2		1725.926	52.4
37	45	Oklahoma State Univ	1667.024	20	5	3		1737.024	20
38	9	Michigan State Univ	1461.605	20	8	8	111	1748.717	20
39	81	Georgia Southern Univ	1711.467	20	3	4		1797.467	20
40	122	Rutgers Univ	1633.430	20	8	8		1809.430	20
41	78	Western Michigan Univ	1722.836	20	6	4		1814.836	20
42	90	Texas Tech Univ	1617.033	20	9	8	91	1886.232	20
43	46	Michigan Tech Univ	1825.190	20	1	3	<del>-                                    </del>	1887.190	20
44	50	Saginaw Valley State Univ	1847.394	20	1	٣	280	2129.566	20
45	55	Cooper Union	1902.696	20	16	6	184	2238.663	20
46	63	Clarkson University	2008.834	20	3	11	195	2429.732	20
+0	41	Univ of Pittsburgh - Pittsburgh	1384.687	19	24	9	133	DNF	19
	<u> </u>	Only of Fillsburgh Fillsburgh	1007.007	13		J	<u> </u>	וויום	13



#### **Endurance Event Results**



Minimum Time (seconds) 1195.405 Maximum Time (seconds) 1733.400 145%

2 20 sec

_	1		1	T	2	20	sec		ī
Place	Car Num	Теат	Time	Laps	Cones	Off Course	Other Penalty	Adjusted Time	Endurance Score
	44	Ohio State Univ	1239.571	18	4	1		DNF	18
	111	Univ of Manitoba	1294.490	17	6	1		DNF	17
	54	Florida Inst of Tech	1497.358	17	5	4		DNF	17
	124	Univ of Guelph	1323.589	16	2	3		DNF	16
	100	Vanderbilt Univ	1248.117	15	1	3		DNF	15
	74	Cegep du Vieux - Montreal	1295.300	15		2	120	DNF	15
	42	Villanova Univ	1148.798	14	2	1		DNF	14
	94	West Virginia Univ	1397.662	14		3		DNF	14
	59	Dalhousie Univ	1448.922	14		8		DNF	14
	87	Kansas State Univ	1041.448	13	10	2		DNF	13
	86	Southern Illinois Univ - Carbondale	1042.137	13	11	4		DNF	13
	102	North Carolina State Univ - Raleigh	1165.676	13	5	3		DNF	13
	121	Concordia University	1018.734	12	11	8		DNF	12
	92	California State Univ - Long Beach	1142.401	12	2	1		DNF	12
	57	Univ of Toledo	737.406	11	4			DNF	11
	93	York College of Pa	1045.551	11	2	2		DNF	11
	14	Karlsruhe Institute of Technology	634.966	10		1		DNF	10
	114	Virginia Tech	666.284	10				DNF	10
	64	Duke Univ	718.124	10	3			DNF	10
	25	Universidad Simon Bolivar	742.950	10	1			DNF	10
	37	Univ of New Hampshire	753.630	10	4	1		DNF	10
	105	Mississippi State Univ	778.462	10	4	1		DNF	10
	16	Kettering Univ	793.826	10	1	2		DNF	10
	96	Lehigh Univ	825.641	10	10	3		DNF	10
	52	Univ of North Florida	881.820	10	9	2		DNF	10
	49	Minnesota State University - Mankato	913.211	10		2	120	DNF	10
	99	Florida Atlantic Univ	924.016	10	1	1		DNF	10
	120	Bradley Univ	993.457	10	11	2	89	DNF	10
	39	Univ of Toronto	1025.313	10				DNF	10
	68	Univ of Alabama - Tuscaloosa	1054.155	10				DNF	10
	61	Univ of Illinois - Chicago	1130.106	10	2	1		DNF	10
	113	Univ of Wisconsin - Madison	606.958	9				DNF	9
	85	Rensselaer Polytechnic Inst	684.207	9	2			DNF	9
	76	Ferris State University	885.641	9	3			DNF	9
	77	Rochester Institute of Technology	569.434	8	2	3		DNF	8
	4	Ecole De Technologie Superieure	640.445	8	1	5		DNF	8
	48	Oakland University	514.553	7	1	1		DNF	7
	101	Clemson Univ	602.174	7	1	2		DNF	7
	24	Universidad Central de Venezuela	691.772	7	2	3		DNF	7
	6	Cornell Univ	284.766	4	1	1		DNF	4
	73	Universite Du Quebec-Chicoutimi	297.847	4		2		DNF	4
	20	Univ of South Florida	221.893	3				DNF	3
	66	Fachhochschule Hamburg	122.375	2	1			DNF	2
	27	US Air Force Academy	169.987	2		2		DNF	2
	26	US Naval Academy	0.000	0				DNF	
	97	Lakehead Univ	0.000	0		2		DNF	





## Fuel Efficiency Results

 Minimum:
 59.770
 sec
 0.2182
 kg
 0.228
 T exp: 1

 Maximum:
 86.667
 sec
 0.6607
 kg
 0.693
 E exp: 1

145% = 13.213 / 20

			14370				•			
Place	Car Num	Team	Average Adjusted Laptime	Laps Completed	Fuel Used (Itr)	Adjusted CO2 (kg)	Average Adjusted CO2 per Lap	Fuel Type	Fuel Efficiency Factor	Fuel Efficiency Score
1	116	Lafayette College	86.296	20	1.984	4.583	0.2182	93	0.693	100
2	34	Carleton Univ	84.472	20	2.022	4.670	0.2335	93	0.661	97.7
3	8	Centro Universitario Da FEI	69.077	20	3.830	6.319	0.3160	E85	0.598	92.2
4	3	Univ of Akron	63.591	20	4.631	7.641	0.3639	E85	0.564	88.8
5	1	Universitat Stuttgart	61.789	20	4.843	7.990	0.3805	E85	0.555	87.8
6	23	Oregon State Univ	59.770	20	3.427	7.916	0.3958	93	0.551	87.4
7	21	Technical Univ of Munich	60.221	20	5.116	8.441	0.4221	E85	0.513	82.8
8	12	Auburn Univ	65.023	20	3.443	7.953	0.3977	93	0.504	81.7
9	112	FH - Joanneum Graz	62.006	20	3.923	9.062	0.4531	100	0.464	75.9
10	88	California Polytechnic State Univ-SLO	84.154	20	2.769	6.396	0.3366	100	0.460	75.3
11	10	Univ of Florida	65.734	20	3.951	9.126	0.4563	93	0.435	70.9
12	44	Ohio State Univ	70.421	18	4.734	7.811	0.4339	E85	0.427	69.4
13	17	Univ of Illinois - Urbana Champaign	72.119	20	3.717	8.586	0.4293	93	0.421	68.4
14	11	Instituto Maua de Tecnologia	79.980	20	3.425	7.911	0.3956	100	0.412	66.6
15	32	Univ of Minnesota - Twin Cities	74.119	20	3.908	9.027	0.4299	93	0.409	66.1
16	111	Univ of Manitoba	78.029	17	3.058	7.063	0.4155	93	0.402	64.6
17	38	National Univ of Singapore	81.902	20	3.484	8.048	0.4024	93	0.396	63.2
18	98	Rose Hulman Inst of Tech	79.442	20	3.608	8.334	0.4167	93	0.394	62.8
19	36	Univ of Michigan - Ann Arbor	64.078	20	6.587	10.868	0.5175	E85	0.393	62.7
20	65	Universite Du Quebec a Trois-Rivieres	81.015	20	3.599	8.313	0.4157	93	0.387	61.3
21	5	Université Laval	63.653	20	6.455	10.650	0.5325	E85	0.385	60.8
22	82	Univ of Connecticut	74.719	20	3.939	9.099	0.4550	93	0.384	60.5
23	15	Univ of Kansas - Lawrence	68.783	20	6.026	9.942	0.4971	E85	0.381	60.0
24	22	California State Poly Univ - Pomona	70.217	20	4.268	9.859	0.4930	93	0.377	58.9
25	56	Univ of Oklahoma	81.404	20	3.687	8.516	0.4258	93	0.376	58.8
26	43	San Jose State University	71.463	20	6.192	10.216	0.4865	E85	0.375	58.5
27	79	Old Dominion Univ	79.799	20	3.860	8.916	0.4458	93	0.367	56.4
28	13	Missouri University of Science and Tech	72.240	20	4.291	9.912	0.4956	100	0.364	55.8
29	60	Univ of Western Ontario	68.389	20	4.547	10.503	0.5252	93	0.363	55.5
30	80	Kookmin Univ	71.147	20	4.461	10.304	0.5152	100	0.356	53.6
31	103	Univ of Evansville	83.271	20	3.828	8.842	0.4421	100	0.354	53.1
32	62	Univ of Missouri	76.972	20	4.212	9.729	0.4865	93	0.348	51.5
33	84	Purdue Univ - W Lafayette	69.146	20	4.875	11.261	0.5631	93	0.335	47.6
34	47	Univ of Michigan - Dearborn	75.185	20	4.785	11.053	0.5527	100	0.314	40.8
35	31	Georgia Institute of Technology	82.976	20	4.358	10.066	0.5033	93	0.312	40.3
36	57	Univ of Toledo	67.764	11	4.111	6.783	0.6166	E85	0.312	40.2
37	108	Louisiana State Univ	85.432	20	4.399	10.161	0.5081	93	0.301	36.0
38	126	Univ of Waterloo	78.022	20	5.178	11.961	0.5696	93	0.294	33.3
39	53	Queen's Univ - Ontario Canada	81.624	20	4.861	11.228	0.5614	93	0.285	29.7
40	16	Kettering Univ	83.583	10	3.872	6.388	0.6388	E85	0.244	9.9
	94	West Virginia Univ	104.119	14	1.879	4.340	0.3100	93		0
	92	California State Univ - Long Beach	97.200	12	1.637	3.781	0.3151	93		0
	90	Texas Tech Univ	94.312	20	2.901	6.701	0.3351	93		0
	78	Western Michigan Univ	90.742	20	2.945	6.802	0.3401	93		0
	50	Saginaw Valley State Univ	106.478	20	2.970	6.860	0.3430	100		0





## Fuel Efficiency Results

 Minimum:
 59.770
 sec
 0.2182
 kg
 0.228
 T exp: 1

 Maximum:
 86.667
 sec
 0.6607
 kg
 0.693
 E exp: 1

145% = 13.213 / 20

Place	Car Num	Team	Average Adjusted Laptime	Laps Completed	Fuel Used (Itr)	Adjusted CO2 (kg)	Average Adjusted CO2 per Lap	Fuel Type	Fuel Efficiency Factor	Fuel Efficiency Score
	46	Michigan Tech Univ	94.360	20	3.126	7.221	0.3611	93		0
	81	Georgia Southern Univ	89.873	20	3.407	7.870	0.3935	93		0
	122	Rutgers Univ	90.472	20	3.757	8.678	0.4339	93		0
	121	Concordia University	100.061	12	2.386	5.511	0.4593	93		0
	59	Dalhousie Univ	114.923	14	3.038	7.017	0.4773	93		0
	55	Cooper Union	111.933	20	4.137	9.556	0.4778	93		0
	63	Clarkson University	121.487	20	4.246	9.808	0.4904	93		0
	102	North Carolina State Univ - Raleigh	95.052	13	3.918	6.464	0.4972	E85		0
	100	Vanderbilt Univ	87.341	15	3.318	7.664	0.5109	93		0
	45	Oklahoma State Univ	86.851	20	4.643	10.725	0.5363	93		0
	74	Cegep du Vieux - Montreal	97.020	15	3.524	8.140	0.5427	93		0
	93	York College of Pa	99.050	11	2.718	6.278	0.5707	93		0
	9	Michigan State Univ	87.436	20	5.008	11.568	0.5784	93		0
	86	Southern Illinois Univ - Carbondale	88.011	13	3.430	7.923	0.5804	93		0
	42	Villanova Univ	83.771	14	4.016	9.276	0.6626	100		0
	54	Florida Inst of Tech	93.374	17	5.056	11.679	0.6870	100		0
	124	Univ of Guelph	86.724	16	4.965	11.469	0.7168	100		0
	49	Minnesota State University - Mankato	107.321	10				E85		0
	87	Kansas State Univ	84.727	13				E85		0

## Formula SAE Michigan 2014 Endurance Event Laptimes

Cabaal	Cor	1	2	1 2	1 4	Г	6	7		0	10	11	12	12	1.1	1 - 1 -	16	17	10	10	20	21
School Universitat Stuttgart	Car	62.513	63.537	60.248	59.081	63.016	61.615	74.617	60.227	58.902	10 59.130	11	12 62.965	13 59.700	14 59.030	15 59.144	16 58.645	17 69.872	18 58.522	19 59.562	20 59.442	60.005
Universität Stuttgart Univ of Akron	1 2																					
	3	65.176	62.308	61.710	62.929	63.709	68.811	65.406	64.358	61.899	62.559		65.501	63.025	63.850	61.837	61.499	61.176	60.616	66.683	61.232	63.529
Ecole De Technologie Superieure	4	69.473	66.051	64.947	64.739	74.618	148.255	71.072	81.290	62.650	60.000		65.004	65.005	65.044	62.062	60.704	62.060	62.000	60.000	62.450	60.565
Université Laval	5	66.319	65.152	63.649	61.921	62.558	66.115	61.467	62.909	62.659	60.230		65.331	65.905	65.011	62.063	62.704	62.060	62.900	63.380	62.159	62.565
Cornell Univ	6	71.035	70.506	70.933	72.292																	
Centro Universitario Da FEI	8	76.524	68.356	64.360	65.215	70.058	70.196	68.717	64.516	70.531	63.718		71.988	71.146	69.050	69.339	69.543	69.134	70.763	68.571	68.137	71.672
Michigan State Univ	9	74.924	74.315	80.765	75.642	74.902	72.309	72.491	71.870	70.809	73.344	74.443		88.648	75.964	73.682	68.138	67.510	65.765	69.423	66.667	69.978
Univ of Florida	10	66.816	63.463	62.688	68.512	64.908	69.997	63.250	63.425	62.691	60.974		68.650	69.100	64.416	64.644	63.779	63.517	62.847	63.339	62.488	63.168
Instituto Maua de Tecnologia	11	82.655	75.296	74.017	72.364	72.609	79.976	77.755	76.252	74.075	71.863		86.282	81.890	77.985	77.920	74.813	79.223	76.449	73.421	74.532	78.214
Auburn Univ	12	69.111	67.516	70.527	66.562	65.463	68.020	65.585	65.164	65.838	65.158		51.073	66.254	64.951	63.290	65.427	63.585	63.588	63.651	63.564	64.140
Missouri University of Science and Tech	13	71.337	69.010	68.116	68.231	70.459	70.982	67.385	70.034	65.323	65.998		67.480	64.301	64.193	63.187	63.936	66.437	78.006	70.609	73.477	74.293
Karlsruhe Institute of Technology	14	68.177	62.693	61.948	61.950	62.207	61.789	64.994	63.100	62.267	65.841											
Univ of Kansas - Lawrence	15	64.465	69.415	64.990	62.354	64.902	63.335	62.000	62.413	62.639	68.684		64.282	61.922	62.960	63.413	64.884	63.003	62.487	62.146	63.463	63.014
Kettering Univ	16	75.845	79.190	80.150	76.471	77.017	75.291	84.937	78.812	81.106	85.007											
Univ of Illinois - Urbana Champaign	17	65.672	63.935	64.465	68.170	64.564	65.581	63.945	65.565	65.943	69.786		82.396	75.614	75.053	74.057	75.242	73.806	69.662	87.047	80.737	81.149
Univ of South Florida	20	74.985	73.102	73.806																		
Technical Univ of Munich	21	65.674	65.443	61.508	61.880	62.093	61.441	60.805	60.440	59.877	60.216		60.258	58.409	57.575	57.678	57.330	57.179	57.705	57.907	57.535	57.474
California State Poly Univ - Pomona	22	68.395	70.452	71.862	70.183	68.339	69.011	68.604	65.933	66.866	68.203		68.579	67.651	71.096	68.073	69.425	69.404	69.557	69.495	70.065	73.154
Oregon State Univ	23	61.733	60.067	60.062	59.604	59.652	60.446	59.693	59.377	59.363	60.083		63.852	60.272	59.008	58.573	57.824	57.270	57.699	57.303	57.881	57.643
Universidad Central de Venezuela	23	98.074	141.889	88.376	96.428	89.008	90.308	87.689	JJ.311	22.303	00.003		03.032	00.272	33.008	٥١٥.٥/٥	37.024	31.270	בבט. וכ	37.303	J1.001	37.043
									72 402	72.074	71.046											
Universidad Simon Bolivar	25	76.114	72.156	72.874	78.627	78.765	74.448	72.647	73.402	72.071	71.846											
US Air Force Academy	27	86.234	83.753	07.400	22.21.1	=0.505	-0.440	04.00=	00.000		00.444		00 =00	07.766	<b>-</b> 0.644	<b>-</b> 0.010	-0.000		-0.6-6			
Georgia Institute of Technology	31	86.581	88.496	85.139	82.214	79.686	79.449	81.805	80.688	79.728	82.114		82.593	85.766	79.614	76.216	78.666	73.333	78.676	77.561	75.662	75.539
Univ of Minnesota - Twin Cities	32	80.038	73.755	68.916	67.686	67.680	66.665	66.731	67.495	65.998	66.500		83.328	78.261	80.625	75.130	77.980	77.275	75.225	82.661	78.067	80.362
Carleton Univ	34	81.547	81.511	82.981	82.634	83.594	87.828	81.974	81.576	86.908	82.494		84.221	87.814	84.444	81.098	79.997	81.987	80.642	81.075	80.340	80.771
Univ of Michigan - Ann Arbor	36	64.893	63.051	62.656	63.074	72.651	65.981	63.941	64.171	63.917	63.266		64.197	63.136	64.402	78.505	61.841	60.009	60.724	59.375	60.201	59.568
Univ of New Hampshire	37	81.505	79.925	75.854	73.470	72.672	75.769	71.779	75.774	74.612	72.270											
National Univ of Singapore	38	79.239	91.634	77.650	86.828	76.925	74.547	73.772	73.581	74.345	76.181		78.459	76.082	78.185	75.180	79.186	80.129	78.461	75.017	74.885	74.265
Univ of Toronto	39	88.723	122.423	117.349	94.505	94.716	106.498	101.035	98.338	94.478	107.248											
Univ of Pittsburgh - Pittsburgh	41	83.200	74.169	72.748	83.767	66.468	75.153	72.189	70.234	73.519	69.987		79.388	72.442	68.248	69.938	70.351	71.767	69.089	71.464	70.566	
Villanova Univ	42	92.575	95.689	82.101	93.413	86.348	77.476	78.157	76.991	76.282	77.222		82.183	80.320	77.503	72.538						
San Jose State University	43	73.620	73.796	71.250	66.102	66.599	68.185	68.623	68.128	67.561	70.243		73.635	66.307	72.054	68.927	71.747	69.119	67.793	70.115	68.505	66.960
Ohio State Univ	44	78.277	70.461	72.537	63.718	70.107	69.216	62.691	67.881	61.830	66.060		71.048	68.440	66.671	66.437	69.238	67.396	70.791	76.772	00.000	00.000
Oklahoma State Univ	15	73.417	76.192	73.538	79.744	75.206	73.993	75.767	72.600	70.336	78.338		92.070	87.774	82.538	84.313	100.619	96.784	96.523	92.963	92.860	91.449
Michigan Tech Univ	46	98.181	94.858	92.340	93.878	93.523	95.994	99.635	105.472	95.266	94.015		87.897	86.581	91.592	84.880	87.500	86.314	84.939	86.654	82.926	82.745
Univ of Michigan - Dearborn	47	80.372	76.341	69.665	74.945	71.816	73.693	74.921	79.493	67.156	64.709		73.347	69.073	71.149	66.744	66.231	66.382	67.743	66.109	66.102	65.715
<u> </u>	47								79.493	07.130	04.709		/3.34/	09.073	71.149	00.744	00.231	00.362	07.745	00.109	00.102	05.715
Oakland University	48	77.001	71.857	71.877	71.518	74.781	72.775	74.744	77.040	00.740	00.006											
Minnesota State University - Mankato	49	115.557	92.681	89.065	96.041	92.237	85.611	81.061	77.910	83.742	99.306											
Saginaw Valley State Univ	50	96.664	101.159	102.754	106.621	114.770	112.700	110.142	107.888	110.540	80.730		70.039	80.346	81.771	78.602	79.930	79.001	81.413	84.974	84.655	82.695
Univ of North Florida	52	89.371	84.828	101.804	87.485	84.654	83.264	83.648	84.323	81.709	100.734											
Queen's Univ - Ontario Canada	53	89.405	92.032	95.387	83.576	81.693	81.920	77.394	80.351	79.003	77.922		78.010	85.023	83.006	76.522	82.314	77.031	77.957	77.779	72.689	79.474
Florida Inst of Tech	54	106.688	82.264	80.490	85.559	78.855	78.470	77.376	79.856	80.107	78.564		99.866	92.007	100.799	90.337	100.105	95.058	90.957			
Cooper Union	55	80.505	83.963	81.887	84.962	81.770	88.274	95.842	150.158	83.402	95.860		81.765	131.299	89.262	94.286	95.584	100.781	93.162	99.399	98.223	92.312
Univ of Oklahoma	56	81.269	91.286	74.625	83.756	80.588	85.310	88.581	74.560	79.944		86.384	80.371	87.795	77.635	74.741	75.830	82.559	87.064	76.133	73.231	82.425
Univ of Toledo	57	69.334	68.222	68.303	66.477	66.217	64.265	66.934	66.732	65.596	69.110		66.216									
Dalhousie Univ	59	92.902	92.231	80.995	90.141	137.491	93.031	91.526	90.146	113.928	97.012		122.022	110.735	117.537	119.225						
Univ of Western Ontario	60	76.483	69.752	66.410	66.023	65.353	68.790	67.385	72.397	68.772	75.997		75.511	70.550	65.017	66.717	63.004	64.111	64.414	64.446	64.987	67.665
Univ of Illinois - Chicago	61	123.880	124.960	134.637	117.798	115.707	106.004	110.735	97.031	100.605	98.749											
Univ of Missouri	62	78.212	77.340	83.697	80.789	76.128	77.375	77.310	73.396	78.258	82.014		70.576	68.024	68.589	69.467	77.309	72.578	72.466	75.762	76.369	77.785
Clarkson University	63	113.266	90.810	92.260	95.133	94.159	94.904	96.390	90.477	90.414	92.251		109.228	108.306	101.860	101.559	104.830	108.788	104.133	104.796	107.109	108.161
Duke Univ	64	75.041	71.217	69.203	69.788	70.410	71.063	72.101	73.888	71.905	73.508		109.228	100.300	101.800	101.555	104.630	100.700	104.133	104.730	107.109	100.101
	64			-		+							60.060	CF 2C0	62.247	CE 450	C4 25C	CC 054	C4 050	C2 FF2	62.520	CC 042
Universite Du Quebec a Trois-Rivieres	65	68.753	66.486	68.675	67.358	66.696	66.906	68.297	69.071	66.996	68.411		68.068	65.369	62.347	65.150	64.256	66.054	64.059	62.553	63.539	66.043
Fachhochschule Hamburg	66	62.820	59.555																			
Univ of Alabama - Tuscaloosa	68	122.176	112.792	106.865	109.263	105.965	97.973	99.960	97.135	106.075	95.951											
Universite Du Quebec-Chicoutimi	73	74.899	70.719	77.072	75.157																	
Cegep du Vieux - Montreal	74	94.137	89.078	86.643	85.524	83.910	84.060	82.913	82.881	82.684	85.322	81.496		86.257	81.063	88.421	100.911					
Ferris State University	76	94.806	95.902	148.865	135.411	80.283	85.678	77.315	81.543	85.838												
Rochester Institute of Technology	77	69.035	75.729	72.259	74.827	69.954	70.901	68.315	68.414													
Western Michigan Univ	78	82.382	83.133	88.734	85.311	85.005	84.028	82.618	83.770	83.091	83.314		83.926	81.767	81.692	99.845	91.251	81.070	82.808	79.759	100.816	98.516
Old Dominion Univ	79	82.559	86.426	85.779	82.548	80.425	79.224	78.474	79.313	76.615	77.390		83.363	80.351	75.609	75.140	73.079	72.792	73.759	72.980	70.392	69.757
Kookmin Univ	80	74.552	71.504	72.429	71.367	68.883	72.920	69.324	69.778	71.886	67.671		70.279	69.023	69.099	66.775	65.378	66.487	65.474	64.306	65.449	66.361
Georgia Southern Univ	81	87.539	87.248	131.429	77.098	72.913	76.705	72.186	142.027	77.774	77.866		79.142	89.045	82.492	81.883	88.066	77.792	87.385	81.607	71.965	69.305
Univ of Connecticut	82	77.703	70.985	69.662	68.564	69.082	68.431	68.718	75.656	70.882	75.844		85.401	78.034	72.926	72.319	72.546	73.214	76.805	72.743	75.625	73.231
Purdue Univ - W Lafayette	84	78.572	69.557	70.043	73.017	72.137	74.181	71.964	71.250	71.836	72.269		67.215	64.337	64.380	64.044	65.326	63.785	65.122	65.563	68.360	65.958
Rensselaer Polytechnic Inst	85	80.400	75.995	82.244	76.147	79.959	74.161	71.304	72.006	75.019	12.203		57.213	07.337	U-1.JUU	57.044	03.320	03.703	55.122	05.503	55.500	03.330
	1 00	UU.+UU	10.223	04.44	/ 0.14/	בננונו	11.203	, 1.100	, 2.000	13.013								1				1
Southern Illinois Univ - Carbondale	86	77.288	73.101	81.395	85.204	75.943	75.954	75.322	76.171	84.841	76.281		87.524	87.131	85.982							

## Formula SAE Michigan 2014 **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
Kansas State Univ	87	82.316	77.600	75.115	72.775	73.805	72.182	71.626	85.565	80.533		93.185	91.785	85.478	79.483							
California Polytechnic State Univ-SLO	88	77.004	76.600	76.790	113.196	117.876	85.515	83.101	83.914	79.289	77.754		72.123	68.932	68.013	68.099	67.722	71.402	68.980	67.673	67.162	67.938
Texas Tech Univ	90	73.584	79.645	85.013	82.564	79.885	82.055	80.584	78.749	78.074	77.814		81.232	79.776	82.494	78.155	78.829	80.363	81.276	79.530	85.547	91.864
California State Univ - Long Beach	92	114.990	100.105	102.806	95.332	88.502	90.972	91.921	95.295	93.111	90.135	90.094	89.138									
York College of Pa	93	111.366	93.835	102.587	97.317	85.186	86.925	85.112	87.555	92.952	92.872		109.844									
West Virginia Univ	94	119.642	103.365	98.631	97.324	84.779	87.566	86.366	89.591	87.232	86.279		126.654	115.347	111.668	103.218						
Lehigh Univ	96	87.936	77.850	79.789	86.903	77.222	81.220	84.001	82.212	83.085	85.423											
Rose Hulman Inst of Tech	98	94.600	79.284	79.846	83.448	78.513	76.720	78.060	86.312	75.809	80.976		86.185	84.418	75.501	74.099	78.404	73.580	73.124	73.460	72.863	75.629
Florida Atlantic Univ	99	101.531	101.130	90.297	87.495	86.330	85.600	90.517	92.655	94.367	94.094											
Vanderbilt Univ	100	84.768	87.667	86.697	88.518	85.083	84.894	83.267	81.763	81.865	84.994		83.149	81.918	76.576	77.020	79.938					
Clemson Univ	101	86.121	91.454	92.754	82.681	79.115	84.673	85.376														
North Carolina State Univ - Raleigh	102	83.283	76.899	80.200	81.880	80.229	81.332	83.363	91.558	93.440	113.546		79.106	76.711	144.129							
Univ of Evansville	103	78.873	78.277	78.826	77.545	77.536	77.887	77.710	80.104	79.491	77.916		82.819	81.261	77.864	78.845	85.532	75.555	74.178	79.018	81.582	78.591
Mississippi State Univ	105	80.551	77.270	79.446	74.001	74.126	93.001	75.751	74.759	76.033	73.524											
Louisiana State Univ	108	87.661	89.424	99.231	84.922	81.941	85.819	80.103	91.281	83.710	83.267		86.652	77.137	70.199	73.605	72.244	70.164	72.045	71.941	67.557	73.738
Univ of Manitoba	111	70.440	69.310	81.665	72.600	71.148	69.285	71.528	78.619	77.314	69.724		81.300	82.566	81.556	81.650	76.747	78.903	80.135			
FH - Joanneum Graz	112	64.909	64.880	62.545	62.690	65.003	60.753	61.090	60.824	60.113	64.212		62.263	61.604	62.658	60.890	59.918	60.100	60.742	59.578	59.656	61.685
Univ of Wisconsin - Madison	113	70.815	72.724	68.899	65.266	65.436	66.148	65.443	66.158	66.069												
Virginia Tech	114	69.298	68.973	68.156	67.620	66.654	66.584	65.754	64.998	64.446	63.801											
Lafayette College	116	93.495	85.814	94.494	83.844	88.614	85.615	79.907	86.085	79.486	78.950		81.361	80.135	84.435	79.251	82.550	80.724	84.382	88.559	74.454	79.771
Bradley Univ	120	107.504	92.433	95.904	89.651	124.678	103.631	102.321	98.231	90.769	88.335											
Concordia University	121	92.058	78.884	108.911	75.484	75.288	76.301	73.040	85.255	96.228	78.029		84.223	95.033								
Rutgers Univ	122	82.547	75.858	78.572	78.680	89.031	76.754	80.797	79.428	79.963	79.564		79.327	84.882	78.882	83.705	94.545	78.060	77.937	90.184	83.794	80.920
Univ of Guelph	124	85.427	84.203	80.119	82.347	80.510	80.408	83.785	78.926	78.803	75.519		88.545	80.224	81.159	99.949	83.593	80.072				
Univ of Waterloo	126	76.913	77.749	75.693	80.471	74.020	82.147	76.839	86.598	71.673	76.277		74.916	71.966	70.509	70.317	67.253	67.690	67.061	69.858	71.137	71.378

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



## For Information Only Not Validated



Michigan 2014 Team Information

Car Num	Team	Country	Engine Cylinders	Engine Displacement (cc)	Weight (kg)	Weight (lbs)
1	Universitat Stuttgart	GER	4	600	172	380
3	Univ of Akron	USA	1	450	160	353
4	Ecole De Technologie Superieure	CAN	1	250	145	320
5	Université Laval	CAN	4	600	184	406
6	Cornell Univ	USA	4	600	194	427
8	Centro Universitario Da FEI	BRA	1	450	180	396
9	Michigan State Univ	USA	4	600	227	501
10	Univ of Florida	USA	4	600	196	432
11	Instituto Maua de Tecnologia	BRA	4	600	245	541
12	Auburn Univ	USA	4	600	175	386
13	Missouri University of Science and Tech	USA	4	600	205	452
14	Karlsruhe Institute of Technology	GER	2	595	198	437
15	Univ of Kansas - Lawrence	USA	4	600	210	463
16	Kettering Univ	USA	1	450	168	371
17	Univ of Illinois - Urbana Champaign	USA	4	600	221	487
18	UAS Esslingen	GER	4	600		
19	Univ of Cincinnati	USA	1	450		
20	Univ of South Florida	USA	1	450	169	372
21	Technical Univ of Munich	GER	4	600	178	393
22	California State Poly Univ - Pomona	USA	4	600	192	423
23	Oregon State Univ	USA	1	450	162	357
24	Universidad Central de Venezuela	VEN	1	450	228	503
25	Universidad Simon Bolivar	VEN	4	600	232	512
26	US Naval Academy	USA	2	450	180	396
27	US Air Force Academy	USA	1	525	167	368
29	Universidad Fermin Toro	VEN				
30	Brown Univ	USA	4	600	204	450
31	Georgia Institute of Technology	USA	4	600	205	452
32	Univ of Minnesota - Twin Cities	USA	4	600	208	458
33	Yeungnam Univ	KOR	4	600	248	547
34	Carleton Univ	CAN	1	250	197	435
36	Univ of Michigan - Ann Arbor	USA	4	600	212	468
37	Univ of New Hampshire	USA	1	450	213	469
38	National Univ of Singapore	SIN	4	600	203	448
39	Univ of Toronto	CAN	1	450	156	345
40	Kumoh National Institute of Technology	KOR	4	600	237	523
41	Univ of Pittsburgh - Pittsburgh	USA	4	600	209	461
42	Villanova Univ	USA	4	600	196	433
43	San Jose State University	USA	4	600	204	449
44	Ohio State Univ	USA	4	600	194	428
45	Oklahoma State Univ	USA	1	450	173	381
46	Michigan Tech Univ	USA	1	510	191	422
47	Univ of Michigan - Dearborn	USA	2	500	205	451
48	Oakland University	USA	4	600	206	454
49	Minnesota State University - Mankato	USA	1	450	210	463



## For Information Only Not Validated



Michigan 2014 Team Information

	T		Ī	- ب		
Car Num	Теат	Country	Engine Cylinders	Engine Displacement (cc)	Weight (kg)	Weight (lbs)
50	Saginaw Valley State Univ	USA	4	600	194	428
51	Univ of Central Florida	USA	4	600		
52	Univ of North Florida	USA	4	600	246	542
53	Queen's Univ - Ontario Canada	CAN	4	600	216	477
54	Florida Inst of Tech	USA	4	600	245	541
55	Cooper Union	USA	4	600	228	503
56	Univ of Oklahoma	USA	2	550	155	342
57	Univ of Toledo	USA	4	600	206	454
58	Lawrence Technological Univ	USA	2	450	177	390
59	Dalhousie Univ	CAN	4	600	223	491
60	Univ of Western Ontario	CAN	4	600	218	481
61	Univ of Illinois - Chicago	USA	4	600	220	486
62	Univ of Missouri	USA	4	600	221	488
63	Clarkson University	USA	4	600	259	570
64	Duke Univ	USA	4	600	221	487
65	Universite Du Quebec a Trois-Rivieres	CAN	4	600	206	455
66	Fachhochschule Hamburg	GER	4	600	204	450
67	Washington Univ - St Louis	USA	4	600	205	452
68	Univ of Alabama - Tuscaloosa	USA	4	600	235	518
69	Universidad Iberoamericana	MEX	1	450		
70	Univ of Hartford	USA	1	513	185	408
71	Florida International Univ	USA	1	450	204	450
72	Univ of Utah	USA	1	510		
73	Universite Du Quebec-Chicoutimi	CAN	2	500	219	482
74	Cegep du Vieux - Montreal	CAN	4	600	207	457
76	Ferris State University	USA	1	450	192	424
77	Rochester Institute of Technology	USA	1	450	165	363
78	Western Michigan Univ	USA	1	450	212	468
79	Old Dominion Univ	USA	4	600	244	539
80	Kookmin Univ	KOR	4	600	224	493
81	Georgia Southern Univ	USA	1	510	197	435
82	Univ of Connecticut	USA	4	600	196	433
83	Recinto Univ De Mayaguez	USA	4	600	230	506
84	Purdue Univ - W Lafayette	USA	4	600	208	459
85	Rensselaer Polytechnic Inst	USA	4	600	205	453
86	Southern Illinois Univ - Carbondale	USA	4	600	226	499
87	Kansas State Univ	USA	1	450	231	510
88	California Polytechnic State Univ-SLO	USA	1	450	202	445
89	Penn State Univ - University Park	USA	4	600	236	521
90	Texas Tech Univ	USA	1	450	176	387
91	Bits Pilani-Dubai	UAE	4	600	- ''	557
92	California State Univ - Long Beach	USA	4	600	265	585
93	York College of Pa	USA	4	600	216	477
94	West Virginia Univ	USA	4	600	262	577
95	Univ of Kentucky	USA	4	600	202	5,,
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## For Information Only Not Validated



Michigan 2014 Team Information

Car Num	Team	Country	Engine Cylinders	Engine Displacement (cc)	Weight (kg)	Weight (lbs)
96	Lehigh Univ	USA	1	450	178	392
97	Lakehead Univ	CAN	4	600	278	613
98	Rose Hulman Inst of Tech	USA	4	600	226	499
99	Florida Atlantic Univ	USA	4	600	234	515
100	Vanderbilt Univ	USA	1	450	165	363
101	Clemson Univ	USA	4	600	229	504
102	North Carolina State Univ - Raleigh	USA	4	600	202	446
103	Univ of Evansville	USA	1	572	184	405
104	South Dakota Sch of Mines & Tech	USA	2	550		
105	Mississippi State Univ	USA	4	600	258	569
106	North Dakota State Univ	USA	1	510	188	414
107	American Univ of Sharjah	UAE				
108	Louisiana State Univ	USA	4	600	226	499
109	Northern Illinois Univ	USA	4	600		
110	Temple Univ	USA	4	600		
111	Univ of Manitoba	CAN	4	600	204	449
112	FH - Joanneum Graz	AUT	2	595	203	448
113	Univ of Wisconsin - Madison	USA	1	605	172	380
114	Virginia Tech	USA	1	450	167	368
115	Ryerson Univ	CAN	4	600		
116	Lafayette College	USA	1	450	207	457
117	Tennessee Tech Univ	USA	1	510	272	599
119	Washington State Univ	USA				
120	Bradley Univ	USA	2	500	218	480
121	Concordia University	CAN	4	600	219	483
122	Rutgers Univ	USA	3	605	221	488
123	MADI State Tech Univ	RUS	1	450		
124	Univ of Guelph	CAN	4	600	216	476
125	Northwestern Univ	USA	1	450	177	390
126	Univ of Waterloo	CAN	4	600	217	478