

Knowledge 2021

Overall Results

Place	Car Num	Team	Cost Score	Presentation Score	Design Score	Static Total
1	14	Univ of Illinois - Urbana Champaign	80.4	69.2	150	299.6
2	23	Purdue Univ - W Lafayette	73.3	73.2	147	293.5
3	16	National Univ of Singapore	84.3	56.5	145	285.8
4	129	Michigan State University	66.6	69.4	144	280.0
5	139	Texas A & M Univ - College Station	70.7	66.5	134	271.2
6	137	Univ of Michigan - Ann Arbor	65.3	64.5	134	263.9
7	13	San Jose State University	80.4	70.5	110	260.8
8	100	Univ of Alberta	88.4	63.2	100	251.6
9	112	Univ of Calgary	59.6	75.0	110	244.6
10	91	California State Univ - Northridge	68.0	66.2	110	244.3
11	29	Univ of Toronto	61.1	50.7	132	243.8
12	128	The Ohio State University	41.6	62.7	139	243.3
13	12	Instituto Maua de Tecnologia	88.0	64.7	90	242.7
14	47	Queen's Univ	62.9	69.6	110	242.5
15	104	Rutgers Univ	59.7	69.3	110	239.0
16	25	Universidad Simon Bolivar	85.8	63.2	90	239.0
17	143	Univ of Colorado - Boulder	61.8	64.3	110	236.1
18	34	Univ of Calif - Irvine	76.4	68.9	90	235.3
19	121	Cooper Union	60.7	72.4	100	233.2
20	27	Univ of British Columbia	38.1	65.6	129	232.7
21	11	Universidade Estadual de Campinas	63.0	59.2	110	232.3
22	52	Michigan Tech Univ	75.0	66.1	90	231.1
23	59	Univ of Minnesota - Twin Cities	75.8	55.0	100	230.8
24	60	Univ of Wisconsin - Madison	63.5	66.9	100	230.4
25	74	Univ of Florida	66.6	50.7	110	227.3
26	108	Univ of Calif - Berkeley	74.6	57.7	90	222.3
27	48	Auburn Univ	60.0	61.7	100	221.7
28	43	Columbia Univ	60.7	58.1	100	218.9
29	99	Univ of North Dakota	90.3	56.8	70	217.1
30	94	Univ of Connecticut	63.6	63.0	90	216.6
31	26	Univ of Waterloo	69.8	66.7	80	216.5
32	95	Minnesota State University - Mankato	81.3	43.6	90	214.9
33	35	Virginia Tech	50.9	63.9	100	214.8
34	19	Univ of Alabama - Tuscaloosa	51.1	63.6	100	214.8
35	151	Univ of Oklahoma	65.2	58.6	90	213.8
36	46	Univ of New Mexico	38.7	72.4	100	211.1

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Place	Car Num	Team	Cost Score	Presentation Score	Design Score	Static Total
37	110	Univ of Saskatchewan	78.0	53.1	80	211.1
38	36	Lawrence Technological Univ	66.8	72.8	70	209.6
39	54	Western Washington Univ	54.9	54.0	100	208.9
40	138	Iowa State Univ	56.4	50.8	100	207.2
41	69	Colorado School of Mines	57.6	49.5	100	207.1
42	67	Clemson Univ	62.2	43.6	100	205.8
43	115	Univ of North Florida	67.1	48.0	90	205.0
44	107	Univ of Puerto Rico-Mayaquez	42.8	72.1	90	204.9
45	125	Univ of Calif - San Diego	67.2	62.5	75	204.7
46	18	Univ of Pittsburgh - Pittsburgh	52.3	62.0	90	204.3
47	114	California Baptist University	46.0	57.8	100	203.8
48	40	Georgia Institute of Technology	59.8	53.5	90	203.3
49	80	Lehigh Univ	51.9	60.4	90	202.3
50	15	Binghamton Univ	78.2	53.9	70	202.1
51	83	US Naval Academy	58.9	63.0	80	201.8
52	130	California Polytechnic State Univ-SLO	54.4	61.4	85	200.9
53	55	Mississippi State Univ	63.4	65.8	70	199.2
54	41	Missouri University of Science and Tech	58.1	40.8	100	198.9
55	120	Universidad Metropolitana	70.5	58.3	70	198.8
56	21	Northwestern Univ	63.6	53.7	80	197.3
57	65	Brown Univ	59.4	66.9	70	196.3
58	77	Villanova Univ	73.8	47.4	75	196.2
59	132	Arizona State Univ - Tempe	67.3	47.3	80	194.6
60	53	Univ of Southern California	59.7	54.5	80	194.1
61	38	Kettering Univ	39.1	41.3	110	190.3
62	58	Univ of Akron	37.3	52.0	100	189.2
63	75	Carleton Univ	79.3	53.7	55	188.0
64	68	Univ of Nebraska - Lincoln	54.0	47.6	85	186.6
65	73	Duke Univ	60.8	64.2	60	185.0
66	49	Rensselaer Polytechnic Inst	57.2	57.7	70	184.9
67	123	Univ of Texas - Dallas	51.7	61.8	70	183.5
68	57	Tennessee Tech Univ	76.0	56.2	50	182.2
69	32	Embry-Riddle Aero Univ - Daytona Beach	53.6	46.2	80	179.7
70	30	Wayne State Univ	55.6	41.8	80	177.5
71	24	North Carolina State Univ - Raleigh	22.0	40.0	115	177.0
72	134	Univ of Maryland - College Park	41.3	45.5	90	176.8

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Overall Results

Place	Car Num	Team	Cost Score	Presentation Score	Design Score	Static Total
73	141	Univ of Central Florida	49.8	41.2	85	175.9
74	122	Univ of Toledo	63.0	52.2	60	175.2
75	117	California State Poly Univ - Pomona	68.1	62.1	45	175.2
76	79	Kennesaw State University	42.3	41.8	90	174.1
77	105	Univ of Texas - San Antonio	70.1	32.5	70	172.7
78	44	Colorado Mesa University	74.7	37.4	60	172.1
79	50	Univ of Kansas - Lawrence	52.1	54.6	65	171.6
80	33	Florida Atlantic Univ	51.5	38.8	80	170.3
81	81	West Virginia Univ	64.4	45.4	60	169.8
82	142	Oakland University	34.9	52.6	80	167.5
83	146	Univ of the Pacific	77.6	39.1	50	166.7
84	61	Univ of North Carolina - Charlotte	44.5	42.1	80	166.6
85	98	Hope College	81.4	49.5	35	165.9
86	97	Western Michigan Univ	55.3	30.1	80	165.4
87	102	Louisiana State Univ	39.8	43.8	80	163.6
88	45	Univ of Michigan - Dearborn	57.4	66.4	35	158.8
89	154	Northern Illinois Univ	58.3	44.5	50	152.8
90	145	Univ of Texas - Austin	26.6	43.9	80	150.5
91	17	Florida International Univ	43.4	54.1	50	147.5
92	31	Univ of Georgia	40.7	45.2	60	145.9
93	109	South Dakota State Univ	47.7	48.2	50	145.9
94	135	Southern Illinois Univ - Carbondale	55.8	48.6	40	144.4
95	70	Texas Tech Univ	44.2	60.2	40	144.4
96	87	Rose Hulman Inst of Tech	40.1	42.3	60	142.4
97	72	Wichita State Univ	41.3	39.8	60	141.0
98	84	Univ of Hartford	59.6	40.2	40	139.8
99	119	Universidad Panamericana Sede Guadalajara	70.0	39.3	30	139.4
100	37	Universite de Sherbrooke	38.5	45.8	50	134.4
101	89	Saginaw Valley State Univ	38.2	26.0	60	124.2
102	148	Univ of Colorado - Denver	48.2	44.4	30	122.6
103	90	Georgia Southern Univ	10.6	61.0	50	121.6
104	161	York College of Pennsylvania	26.8	33.4	60	120.3
105	88	California State Univ - Los Angeles	50.5	26.6	40	117.1
106	20	Clarkson University	34.1	42.9	40	117.0
107	96	Kansas State Univ	54.3		60	114.3
108	64	Oregon Inst of Tech	24.5	39.8	50	114.3

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Overall Results

Place	Car Num	Team	Cost Score	Presentation Score	Design Score	Static Total
109	101	South Dakota School of Mines & Tech	47.0	46.8	15	108.8
110	56	Pellissippi State Community College	6.9	54.9	40	101.8
111	140	Howard Community College	9.7	44.9	45	99.6
112	152	San Diego State Univ	15.9	43.3	40	99.2
113	153	Univ of Texas - El Paso	22.7	44.8	30	97.5
114	62	Temple Univ	41.8		55	96.8
115	66	Central Michigan Univ	63.2		30	93.2
116	92	US Air Force Academy	33.0		60	93.0
117	155	Univ of Missouri	40.9		40	80.9
118	22	Univ of Nevada - Las Vegas		66.2		66.2
119	118	Univ of Houston - Houston		63.4		63.4
120	51	Univ of Virginia	6.3	15.8	40	62.1
121	42	Univ of Kentucky		59.3		59.3
122	160	Syracuse University		53.3		53.3
123	85	Univ of British Columbia - Okanagan		48.1		48.1
124	86	Virginia Commonwealth Univ	6.3	35.4		41.7
125	103	Univ of North Texas	15.0	17.5	5	37.5
126	136	Alabama A & M Univ		34.4		34.4
127	127	California State Univ - Sacramento	8.5		25	33.5
128	111	California State Univ - Fullerton		30.2		30.2
129	63	Univ of New Hampshire		29.1		29.1
130	71	Grand Canyon University		25.9		25.9
131	126	Ferris State University	5.1		5	10.1
132	144	Univ of Arizona	1.6		5	6.6

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Design Event Results

Place	Car Num	Team	Raw Score	Penalty	Status	Score
1	14	Univ of Illinois - Urbana Champaign	150		Final	150
2	23	Purdue Univ - W Lafayette	147		Final	147
3	16	National Univ of Singapore	145		Final	145
4	129	Michigan State University	144		Final	144
5	128	The Ohio State University	139		Final	139
6 T	137	Univ of Michigan - Ann Arbor	134		Final	134
6 T	139	Texas A & M Univ - College Station	134		Final	134
8	29	Univ of Toronto	132		Final	132
9	27	Univ of British Columbia	129		Final	129
10	24	North Carolina State Univ - Raleigh	115		Final	115
11 T	11	Universidade Estadual de Campinas	110			110
11 T	13	San Jose State University	110			110
11 T	38	Kettering Univ	110			110
11 T	47	Queen's Univ	110			110
11 T	74	Univ of Florida	110			110
11 T	91	California State Univ - Northridge	110			110
11 T	104	Rutgers Univ	110			110
11 T	112	Univ of Calgary	110			110
11 T	143	Univ of Colorado - Boulder	110			110
20 T	19	Univ of Alabama - Tuscaloosa	100			100
20 T	35	Virginia Tech	100			100
20 T	41	Missouri University of Science and Tech	100			100
20 T	43	Columbia Univ	100			100
20 T	46	Univ of New Mexico	100			100
20 T	48	Auburn Univ	100			100
20 T	54	Western Washington Univ	100			100
20 T	58	Univ of Akron	125	25	Final	100
20 T	59	Univ of Minnesota - Twin Cities	100			100
20 T	60	Univ of Wisconsin - Madison	100			100
20 T	67	Clemson Univ	100			100
20 T	69	Colorado School of Mines	100			100
20 T	100	Univ of Alberta	100			100
20 T	114	California Baptist University	100			100
20 T	121	Cooper Union	100			100
20 T	138	Iowa State Univ	100			100

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Design Event Results

Place	Car Num	Team	Raw Score	Penalty	Status	Score
36 T	12	Instituto Maua de Tecnologia	90			90
36 T	18	Univ of Pittsburgh - Pittsburgh	90			90
36 T	25	Universidad Simon Bolivar	90			90
36 T	34	Univ of Calif - Irvine	90			90
36 T	40	Georgia Institute of Technology	90			90
36 T	52	Michigan Tech Univ	90			90
36 T	79	Kennesaw State University	90			90
36 T	80	Lehigh Univ	90			90
36 T	94	Univ of Connecticut	90			90
36 T	95	Minnesota State University - Mankato	90			90
36 T	107	Univ of Puerto Rico-Mayaquez	90			90
36 T	108	Univ of Calif - Berkeley	90			90
36 T	115	Univ of North Florida	90			90
36 T	134	Univ of Maryland - College Park	90			90
36 T	151	Univ of Oklahoma	90			90
51 T	68	Univ of Nebraska - Lincoln	110	25		85
51 T	130	California Polytechnic State Univ-SLO	110	25		85
51 T	141	Univ of Central Florida	110	25		85
54 T	21	Northwestern Univ	80			80
54 T	26	Univ of Waterloo	90	10		80
54 T	30	Wayne State Univ	80			80
54 T	32	Embry-Riddle Aero Univ - Daytona Beach	80			80
54 T	33	Florida Atlantic Univ	80			80
54 T	53	Univ of Southern California	80			80
54 T	61	Univ of North Carolina - Charlotte	80			80
54 T	83	US Naval Academy	80			80
54 T	97	Western Michigan Univ	80			80
54 T	102	Louisiana State Univ	80			80
54 T	110	Univ of Saskatchewan	80			80
54 T	132	Arizona State Univ - Tempe	80			80
54 T	142	Oakland University	90	10		80
54 T	145	Univ of Texas - Austin	80			80
68 T	77	Villanova Univ	100	25		75
68 T	125	Univ of Calif - San Diego	100	25		75
70 T	15	Binghamton Univ	70			70

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Design Event Results

Place	Car Num	Team	Raw Score	Penalty	Status	Score
70 T	36	Lawrence Technological Univ	70			70
70 T	49	Rensselaer Polytechnic Inst	70			70
70 T	55	Mississippi State Univ	70			70
70 T	65	Brown Univ	70			70
70 T	99	Univ of North Dakota	70			70
70 T	105	Univ of Texas - San Antonio	70			70
70 T	120	Universidad Metropolitana	70			70
70 T	123	Univ of Texas - Dallas	70			70
79	50	Univ of Kansas - Lawrence	90	25		65
80 T	31	Univ of Georgia	60			60
80 T	44	Colorado Mesa University	60			60
80 T	72	Wichita State Univ	60			60
80 T	73	Duke Univ	60			60
80 T	81	West Virginia Univ	60			60
80 T	87	Rose Hulman Inst of Tech	70	10		60
80 T	89	Saginaw Valley State Univ	60			60
80 T	92	US Air Force Academy	60			60
80 T	96	Kansas State Univ	60			60
80 T	122	Univ of Toledo	60			60
80 T	161	York College of Pennsylvania	60			60
91 T	62	Temple Univ	80	25		55
91 T	75	Carleton Univ	80	25		55
93 T	17	Florida International Univ	50			50
93 T	37	Universite de Sherbrooke	50			50
93 T	57	Tennessee Tech Univ	50			50
93 T	64	Oregon Inst of Tech	50			50
93 T	90	Georgia Southern Univ	70	20		50
93 T	109	South Dakota State Univ	50			50
93 T	146	Univ of the Pacific	50			50
93 T	154	Northern Illinois Univ	50			50
101 T	117	California State Poly Univ - Pomona	70	25		45
101 T	140	Howard Community College	70	25		45
103 T	20	Clarkson University	40			40
103 T	51	Univ of Virginia	40			40
103 T	56	Pellissippi State Community College	60	20		40

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Design Event Results

Place	Car Num	Team	Raw Score	Penalty	Status	Score
103 T	70	Texas Tech Univ	40			40
103 T	84	Univ of Hartford	40			40
103 T	88	California State Univ - Los Angeles	40			40
103 T	135	Southern Illinois Univ - Carbondale	40			40
103 T	152	San Diego State Univ	40			40
103 T	155	Univ of Missouri	50	10		40
112 T	45	Univ of Michigan - Dearborn	60	25		35
112 T	98	Hope College	60	25		35
114 T	66	Central Michigan Univ	30			30
114 T	119	Universidad Panamericana Sede Guadalajara	30			30
114 T	148	Univ of Colorado - Denver	30			30
114 T	153	Univ of Texas - El Paso	30			30
118	127	California State Univ - Sacramento	50	25		25
119	101	South Dakota School of Mines & Tech	40	25		15
120 T	103	Univ of North Texas	30	25		5
120 T	126	Ferris State University	30	25		5
120 T	144	Univ of Arizona	30	25		5
	22	Univ of Nevada - Las Vegas				
	39	Univ of Ottawa				
	42	Univ of Kentucky				
	63	Univ of New Hampshire				
	71	Grand Canyon University				
	78	Univ of South Florida				
	85	Univ of British Columbia - Okanagan				
	86	Virginia Commonwealth Univ				
	111	California State Univ - Fullerton				
	113	Penn State Univ - Harrisburg				
	118	Univ of Houston - Houston				
	124	Southern Methodist Univ				
	131	Purdue Univ - Northwest				
	133	Univ of Illinois - Chicago				
	136	Alabama A & M Univ				
	147	St Cloud State Univ				
	150	California State Univ - Chico				
	158	North Dakota State University				

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Design Event Results

Place	Car Num	Team	Raw Score	Penalty	Status	Score
	159	Universidad Autonoma de Queretaro				
	160	Syracuse University				

Knowledge 2021

Cost Event Results

Place	Car Num	Team	Adjusted Cost	Price Score (30)	Accuracy Score (15)	Drawings Score (15)	Real Case Scenario Score (40)	Penalty	Score
1	99	Univ of North Dakota	\$5,079	24	15	15	36.4		90.33
2	100	Univ of Alberta	\$5,637	22.1	13	15	38.3		88.37
3	12	Instituto Maua de Tecnologia	\$6,578	19	15	15	39		88.02
4	25	Universidad Simon Bolivar	\$3,841	28	13	15	29.8		85.78
5	16	National Univ of Singapore	\$7,551	15.8	15	15	38.5		84.31
6	98	Hope College	\$4,639	25.4	14	10	32		81.4
7	95	Minnesota State University - Mankato	\$7,944	14.5	13	15	38.8		81.27
8	13	San Jose State University	\$6,321	19.9	15	15	30.5		80.36
9	14	Univ of Illinois - Urbana Champaign	\$6,478	19.3	11	15	35		80.35
10	75	Carleton Univ	\$5,282	23.3	13	10	33		79.29
11	15	Binghamton Univ	\$6,447	19.4	13	10	35.8		78.2
12	110	Univ of Saskatchewan	\$7,308	16.6	14	14	33.4		77.99
13	146	Univ of the Pacific	\$4,585	25.6	10	10	32		77.58
14	34	Univ of Calif - Irvine	\$6,776	18.4	13	12	33		76.37
15	57	Tennessee Tech Univ	\$3,243	30	13	10	23		76
16	59	Univ of Minnesota - Twin Cities	\$7,856	14.8	15	15	31		75.81
17	52	Michigan Tech Univ	\$6,801	18.3	12	15	29.8		75.03
18	44	Colorado Mesa University	\$5,016	24.2	13	10	27.5		74.66
19	108	Univ of Calif - Berkeley	\$6,552	19.1	13	15	27.5		74.6
20	77	Villanova Univ	\$4,971	24.3	12	12	25.5		73.81
21	23	Purdue Univ - W Lafayette	\$6,607	18.9	12	5	37.4		73.3
22	139	Texas A & M Univ - College Station	\$6,375	19.7	12	13	26		70.69
23	120	Universidad Metropolitana	\$7,189	17	8	11	34.5		70.5
24	105	Univ of Texas - San Antonio	\$4,653	25.4	8	10	26.8		70.11
25	119	Universidad Panamericana Sede Guadalajara	\$5,889	21.3	12	10	26.8		70.04
26	26	Univ of Waterloo	\$8,604	12.3	14	15	28.5		69.84
27	117	California State Poly Univ - Pomona	\$8,443	12.9	10	15	30.3		68.12

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Cost Event Results

Place	Car Num	Team	Adjusted Cost	Price Score (30)	Accuracy Score (15)	Drawings Score (15)	Real Case Scenario Score (40)	Penalty	Score
28	91	California State Univ - Northridge	\$7,790	15	14	14	25		68.02
29	132	Arizona State Univ - Tempe	\$5,745	21.8	13	4	28.5		67.26
30	125	Univ of Calif - San Diego	\$8,051	14.2	11	15	27		67.17
31	115	Univ of North Florida	\$6,221	20.2	10	13	23.9		67.07
32	36	Lawrence Technological Univ	\$11,494	2.8	14	14	36		66.83
33	74	Univ of Florida	\$8,061	14.1	10	15	27.5		66.63
34	129	Michigan State University	\$8,154	13.8	10	11	31.8		66.58
35	137	Univ of Michigan - Ann Arbor	\$8,872	11.5	12	15	26.9		65.34
36	151	Univ of Oklahoma	\$5,532	22.5	13	9	20.8		65.21
37	81	West Virginia Univ	\$8,047	14.2	9	9	32.3		64.43
38	21	Northwestern Univ	\$8,145	13.9	13	11	25.8		63.61
39	94	Univ of Connecticut	\$5,612	22.2	12	2	27.4		63.57
40	60	Univ of Wisconsin - Madison	\$8,860	11.5	10	15	27		63.5
41	55	Mississippi State Univ	\$7,599	15.7	10	8	29.8		63.4
42	66	Central Michigan Univ	\$4,535	25.7	14	2	21.5		63.24
43	11	Universidade Estadual de Campinas	\$9,455	9.5	15	15	23.5		63.04
44	122	Univ of Toledo	\$6,126	20.5	11	10	21.5		63
45	47	Queen's Univ	\$6,348	19.8	10	12	21.1		62.9
46	67	Clemson Univ	\$8,650	12.2	10	15	25		62.19
47	143	Univ of Colorado - Boulder	\$4,980	24.3	13	10	14.5		61.78
48	29	Univ of Toronto	\$5,081	23.9	15	15	7.1		61.07
49	73	Duke Univ	\$5,655	22.1	13	5	20.8		60.81
50	121	Cooper Union	\$6,284	20	15	1	24.8		60.74
51	43	Columbia Univ	\$7,729	15.2	9	5	31.5		60.73
52	48	Auburn Univ	\$8,110	14	9	14	23		59.97
53	40	Georgia Institute of Technology	\$6,693	18.6	12		29.1		59.76
54	104	Rutgers Univ	\$8,054	14.2	11	14	20.5		59.65

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Cost Event Results

Place	Car Num	Team	Adjusted Cost	Price Score (30)	Accuracy Score (15)	Drawings Score (15)	Real Case Scenario Score (40)	Penalty	Score
55	53	Univ of Southern California	\$7,981	14.4	11	9	25.3		59.65
56	112	Univ of Calgary	\$5,881	21.3	13	5	20.3		59.56
57	84	Univ of Hartford	\$7,173	17.1	8	3	31.5		59.56
58	65	Brown Univ	\$5,245	23.4	13	3	20		59.41
59	83	US Naval Academy	\$9,583	9.1	10	10	29.8		58.87
60	154	Northern Illinois Univ	\$5,380	23	10	1	24.4		58.34
61	41	Missouri University of Science and Tech	\$5,726	21.8	13	1	22.3		58.07
62	69	Colorado School of Mines	\$4,953	24.4	13		20.3		57.62
63	45	Univ of Michigan - Dearborn	\$7,142	17.2	13	12	15.3		57.41
64	49	Rensselaer Polytechnic Inst	\$4,826	24.8	10	8	14.4		57.16
65	138	Iowa State Univ	\$8,818	11.6	11	8	25.8		56.39
66	135	Southern Illinois Univ - Carbondale	\$5,568	22.3	10		23.5		55.84
67	30	Wayne State Univ	\$5,940	21.1	14		20.5		55.62
68	97	Western Michigan Univ	\$8,770	11.8	9	10	24.5		55.3
69	54	Western Washington Univ	\$8,653	12.2	13	5	24.8		54.93
70	130	California Polytechnic State Univ-SLO	\$8,271	13.4	15	4	22		54.44
71	96	Kansas State Univ	\$9,364	9.8	12	15	17.5		54.34
72	68	Univ of Nebraska - Lincoln	\$5,587	22.3	13		18.8		54.03
73	32	Embry-Riddle Aero Univ - Daytona Beach	\$8,235	13.6	10	7	23		53.56
74	18	Univ of Pittsburgh - Pittsburgh	\$7,023	17.6	13		21.8		52.3
75	50	Univ of Kansas - Lawrence	\$9,032	10.9	10	8	23.1		52.06
76	80	Lehigh Univ	\$7,342	16.5	12	9	14.4		51.88
77	123	Univ of Texas - Dallas	\$7,421	16.2	12		23.5		51.74
78	33	Florida Atlantic Univ	\$6,266	20	11	5	15.5		51.54
79	19	Univ of Alabama - Tuscaloosa	\$7,452	16.1	9		26		51.14
80	35	Virginia Tech	\$10,778	5.2	15	1	29.8		50.93
81	88	California State Univ - Los Angeles	\$7,794	15	8	5	22.5		50.51

Knowledge 2021

Cost Event Results

Place	Car Num	Team	Adjusted Cost	Price Score (30)	Accuracy Score (15)	Drawings Score (15)	Real Case Scenario Score (40)	Penalty	Score
82	141	Univ of Central Florida	\$8,101	14	5	4	26.8		49.75
83	148	Univ of Colorado - Denver	\$8,532	12.6	15	8	12.6		48.2
84	109	South Dakota State Univ	\$6,082	20.7	6		21		47.65
85	101	South Dakota School of Mines & Tech	\$6,510	19.2	10	3	14.8		46.99
86	114	California Baptist University	\$11,214	3.7	13	15	14.3		46
87	61	Univ of North Carolina - Charlotte	\$8,853	11.5	10	7	16		44.52
88	70	Texas Tech Univ	\$9,711	8.7	11		24.5		44.2
89	17	Florida International Univ	\$8,121	13.9	10	10	9.5		43.43
90	107	Univ of Puerto Rico-Mayaguez	\$7,316	16.6	11	4	11.3		42.84
91	79	Kennesaw State University	\$5,690	21.9	12		8.4		42.32
92	62	Temple Univ	\$7,039	17.5	9	7	8.3		41.75
93	128	The Ohio State University	\$8,830	11.6	12	8	10		41.6
94	134	Univ of Maryland - College Park	\$10,333	6.7	15	3	16.6		41.28
95	72	Wichita State Univ	\$7,943	14.5	11	1	14.8		41.27
96	155	Univ of Missouri	\$6,812	18.2	12	1	9.6		40.87
97	31	Univ of Georgia	\$6,138	20.5	11		9.3		40.72
98	87	Rose Hulman Inst of Tech	\$7,033	17.5	9	3	10.6		40.14
99	102	Louisiana State Univ	\$8,396	13	5	5	16.8		39.78
100	38	Kettering Univ	\$5,121	23.8	12		3.3		39.06
101	46	Univ of New Mexico	\$11,463	2.9	14	10	11.8		38.68
102	37	Universite de Sherbrooke	\$7,331	16.5	11	14	22	25	38.54
103	89	Saginaw Valley State Univ	\$6,509	19.2	8		11		38.24
104	27	Univ of British Columbia	\$8,976	11.1	13	14			38.12
105	58	Univ of Akron	\$9,696	8.7	12	15	26.5	25	37.25
106	142	Oakland University	\$6,543	19.1	8		32.8	25	34.88
107	20	Clarkson University	\$8,758	11.8	10		12.3		34.09
108	92	US Air Force Academy	\$12,352		5	4	24		33

Knowledge 2021

Cost Event Results

Place	Car Num	Team	Adjusted Cost	Price Score (30)	Accuracy Score (15)	Drawings Score (15)	Real Case Scenario Score (40)	Penalty	Score
109	161	York College of Pennsylvania	\$10,202	7.1	5	5	9.8		26.83
110	145	Univ of Texas - Austin	\$6,025	20.8	10		20.8	25	26.59
111	64	Oregon Inst of Tech					24.5		24.5
112	153	Univ of Texas - El Paso	\$7,292	16.7	4	5	22	25	22.66
113	24	North Carolina State Univ - Raleigh	\$7,330	16.5	12		18.5	25	22.04
114	152	San Diego State Univ	\$7,215	16.9	11		13	25	15.92
115	103	Univ of North Texas	\$6,421	19.5	12		8.5	25	15.03
116	90	Georgia Southern Univ	\$7,286	16.7	7		11.9	25	10.56
117	140	Howard Community College	\$6,818	18.2	1	1	14.5	25	9.72
118	127	California State Univ - Sacramento	\$5,815	21.5	12			25	8.53
119	56	Pellissippi State Community College	\$9,339	9.9	8		14	25	6.92
120	86	Virginia Commonwealth Univ	\$10,431	6.3					6.33
121	51	Univ of Virginia	\$11,463	2.9	1		2.4		6.3
122	126	Ferris State University	\$6,869	18.1	6	4	2	25	5.06
123	144	Univ of Arizona	\$7,302	16.6	10			25	1.63
	22	Univ of Nevada - Las Vegas							
	39	Univ of Ottawa							
	42	Univ of Kentucky							
	63	Univ of New Hampshire							
	71	Grand Canyon University							
	78	Univ of South Florida							
	85	Univ of British Columbia - Okanagan							
	111	California State Univ - Fullerton							
	113	Penn State Univ - Harrisburg							
	118	Univ of Houston - Houston							
	124	Southern Methodist Univ							
	131	Purdue Univ - Northwest							

Knowledge 2021

Cost Event Results

Place	Car Num	Team	Adjusted Cost	Price Score (30)	Accuracy Score (15)	Drawings Score (15)	Real Case Scenario Score (40)	Penalty	Score
	133	Univ of Illinois - Chicago							
	136	Alabama A & M Univ							
	147	St Cloud State Univ							
	150	California State Univ - Chico							
	158	North Dakota State University							
	159	Universidad Autonoma de Queretaro							
	160	Syracuse University							

Knowledge 2021

Presentation Event Results

Place	Car Num	Team	Raw Score	Penalty	Score
1	112	Univ of Calgary	75		75
2	23	Purdue Univ - W Lafayette	73.2		73.2
3	36	Lawrence Technological Univ	72.8		72.8
4	46	Univ of New Mexico	72.4		72.4
5	121	Cooper Union	72.4		72.4
6	107	Univ of Puerto Rico-Mayaquez	72.1		72.1
7	13	San Jose State University	70.5		70.5
8	47	Queen's Univ	69.6		69.6
9	129	Michigan State University	69.4		69.4
10	104	Rutgers Univ	69.3		69.3
11	14	Univ of Illinois - Urbana Champaign	69.2		69.2
12	34	Univ of Calif - Irvine	68.9		68.9
13	60	Univ of Wisconsin - Madison	66.9		66.9
14	65	Brown Univ	66.9		66.9
15	26	Univ of Waterloo	66.7		66.7
16	139	Texas A & M Univ - College Station	66.5		66.5
17	45	Univ of Michigan - Dearborn	66.4		66.4
18	91	California State Univ - Northridge	66.2		66.2
19	22	Univ of Nevada - Las Vegas	66.2		66.2
20	52	Michigan Tech Univ	66.1		66.1
21	55	Mississippi State Univ	65.8		65.8
22	27	Univ of British Columbia	65.6		65.6
23	12	Instituto Maua de Tecnologia	64.7		64.7
24	137	Univ of Michigan - Ann Arbor	64.5		64.5
25	143	Univ of Colorado - Boulder	64.3		64.3
26	73	Duke Univ	64.2		64.2
27	35	Virginia Tech	63.9		63.9
28	19	Univ of Alabama - Tuscaloosa	63.6		63.6
29	118	Univ of Houston - Houston	63.4		63.4
30	100	Univ of Alberta	63.2		63.2
31	25	Universidad Simon Bolivar	63.2		63.2
32	94	Univ of Connecticut	63.0		63.0
33	83	US Naval Academy	63.0		63.0
34	128	The Ohio State University	62.7		62.7
35	125	Univ of Calif - San Diego	62.5		62.5
36	117	California State Poly Univ - Pomona	62.1		62.1
37	18	Univ of Pittsburgh - Pittsburgh	72.0	-10	62.0
38	123	Univ of Texas - Dallas	61.8		61.8
39	48	Auburn Univ	61.7		61.7

Knowledge 2021

Presentation Event Results

Place	Car Num	Team	Raw Score	Penalty	Score
40	130	California Polytechnic State Univ-SLO	61.4		61.4
41	90	Georgia Southern Univ	61.0		61.0
42	80	Lehigh Univ	60.4		60.4
43	70	Texas Tech Univ	60.2		60.2
44	42	Univ of Kentucky	59.3		59.3
45	11	Universidade Estadual de Campinas	69.2	-10	59.2
46	151	Univ of Oklahoma	58.6		58.6
47	120	Universidad Metropolitana	58.3		58.3
48	43	Columbia Univ	58.1		58.1
49	114	California Baptist University	57.7		57.7
50 T	49	Rensselaer Polytechnic Inst	57.7		57.7
50 T	108	Univ of Calif - Berkeley	57.7		57.7
52	99	Univ of North Dakota	56.8		56.8
53	16	National Univ of Singapore	56.5		56.5
54	57	Tennessee Tech Univ	56.2		56.2
55	59	Univ of Minnesota - Twin Cities	55.0		55.0
56	56	Pellissippi State Community College	54.9		54.9
57	50	Univ of Kansas - Lawrence	54.6		54.6
58	53	Univ of Southern California	54.5		54.5
59	17	Florida International Univ	54.1		54.1
60	54	Western Washington Univ	54.0		54.0
61	15	Binghamton Univ	53.9		53.9
62 T	21	Northwestern Univ	53.7		53.7
62 T	75	Carleton Univ	53.7		53.7
64	40	Georgia Institute of Technology	53.5		53.5
65	160	Syracuse University	63.3	-10	53.3
66	110	Univ of Saskatchewan	53.1		53.1
67	142	Oakland University	52.6		52.6
68	122	Univ of Toledo	52.2		52.2
69	58	Univ of Akron	52.0		52.0
70	138	Iowa State Univ	60.8	-10	50.8
71	29	Univ of Toronto	50.7		50.7
72	74	Univ of Florida	50.7		50.7
73 T	69	Colorado School of Mines	49.5		49.5
73 T	98	Hope College	49.5		49.5
75	135	Southern Illinois Univ - Carbondale	48.6		48.6
76	109	South Dakota State Univ	48.2		48.2
77	85	Univ of British Columbia - Okanagan	58.1	-10	48.1
78	115	Univ of North Florida	48.0		48.0

Knowledge 2021

Presentation Event Results

Place	Car Num	Team	Raw Score	Penalty	Score
79	68	Univ of Nebraska - Lincoln	47.6		47.6
80	77	Villanova Univ	47.4		47.4
81	132	Arizona State Univ - Tempe	57.3	-10	47.3
82	101	South Dakota School of Mines & Tech	56.8	-10	46.8
83	32	Embry-Riddle Aero Univ - Daytona Beach	56.2	-10	46.2
84	37	Universite de Sherbrooke	45.8		45.8
85	134	Univ of Maryland - College Park	45.5		45.5
86	81	West Virginia Univ	45.3		45.3
87	31	Univ of Georgia	45.2		45.2
88	140	Howard Community College	44.9		44.9
89	153	Univ of Texas - El Paso	44.8		44.8
90	154	Northern Illinois Univ	44.5		44.5
91	148	Univ of Colorado - Denver	44.4		44.4
92	145	Univ of Texas - Austin	53.9	-10	43.9
93	102	Louisiana State Univ	43.8		43.8
94	95	Minnesota State University - Mankato	43.6		43.6
95	67	Clemson Univ	43.6		43.6
96	152	San Diego State Univ	43.3		43.3
97	20	Clarkson University	42.9		42.9
98	87	Rose Hulman Inst of Tech	42.3		42.3
99	61	Univ of North Carolina - Charlotte	42.1		42.1
100	30	Wayne State Univ	41.8		41.8
101	79	Kennesaw State University	51.8	-10	41.8
102	38	Kettering Univ	41.3		41.3
103	141	Univ of Central Florida	41.1		41.1
104	41	Missouri University of Science and Tech	50.8	-10	40.8
105	84	Univ of Hartford	40.2		40.2
106	24	North Carolina State Univ - Raleigh	40.0		40.0
107	72	Wichita State Univ	39.8		39.8
108	64	Oregon Inst of Tech	39.8		39.8
109	119	Universidad Panamericana Sede Guadalajara	39.3		39.3
110	146	Univ of the Pacific	39.1		39.1
111	33	Florida Atlantic Univ	38.7		38.7
112	44	Colorado Mesa University	47.4	-10	37.4
113	86	Virginia Commonwealth Univ	45.4	-10	35.4
114	136	Alabama A & M Univ	34.4		34.4
115	161	York College of Pennsylvania	33.4		33.4
116	105	Univ of Texas - San Antonio	42.5	-10	32.5
117	111	California State Univ - Fullerton	40.2	-10	30.2

Knowledge 2021

Presentation Event Results

Place	Car Num	Team	Raw Score	Penalty	Score
118	97	Western Michigan Univ	40.1	-10	30.1
119	63	Univ of New Hampshire	29.1		29.1
120	88	California State Univ - Los Angeles	26.6		26.6
121	89	Saginaw Valley State Univ	26.0		26.0
122	71	Grand Canyon University	35.9	-10	25.9
123	103	Univ of North Texas	17.5		17.5
124	51	Univ of Virginia	25.8	-10	15.8
	39	Univ of Ottawa			
	62	Temple Univ			
	66	Central Michigan Univ			
	78	Univ of South Florida			
	92	US Air Force Academy			
	96	Kansas State Univ			
	113	Penn State Univ - Harrisburg			
	124	Southern Methodist Univ			
	126	Ferris State University			
	127	California State Univ - Sacramento			
	131	Purdue Univ - Northwest			
	133	Univ of Illinois - Chicago			
	144	Univ of Arizona			
	147	St Cloud State Univ			
	150	California State Univ - Chico			
	155	Univ of Missouri			
	158	North Dakota State University			
	159	Universidad Autonoma de Queretaro			