

2019 AISC Student Steel Bridge Competition Category Ranking Sheet

Version Date: 05/23/2019

Competition: Student Steel Bridge Competition

Location: SIU Carbondale

Date: 6/1/2019

S = 6

Not Ranked			Construction Speed			Lightness			Aesthetics		
School	NR		School	Time	Rank	School	Weight	Rank	School	Score	Rank
Missouri S&T	11.5:		Lafayette College	3.80	1	Drexel University	159	1	Arkansas State University	1	1
Norwich University	4:		University at Buffalo	5.03	2	The College of New Jersey	178	2	University of Colorado Denver	2	2
Purdue Northwest	9.4:		SUNY Canton	5.43	3	University of Puerto Rico at Mayagüez	185	3	Clarkson University	3	3
Arkansas State University	None		Oregon Institute of Technology	6.08	4	West Virginia University	188	4	Texas A&M University	3	4
Brigham Young University	None		Youngstown State University	6.18	5	University at Buffalo	191	5	Kansas State University	5	5
Case Western Reserve University	None		Kennesaw State University	6.27	6	University of Alaska, Fairbanks	193	6	University of Alaska, Fairbanks	5	6
Catholic University	None		University of Florida	6.68	7	Case Western Reserve University	193	7	University of Puerto Rico at Mayagüez	5	7
Christian Brothers University	None		Michigan Technological University	7.60	8	Kansas State University	194	8	University of Wisconsin Madison	8	8
Clarkson University	None		University of California, Berkeley	7.70	9	University of California, Berkeley	194	9	Louisiana State University	9	9
Cooper Union	None		Kansas State University	8.38	10	Lafayette College	195	10	Michigan Technological University	10	10
Drexel University	None		Drexel University	9.47	11	University of Wisconsin Madison	198	11	University of California, Berkeley	11	11
Kansas State University	None		University of Akron	9.63	12	University of North Carolina at Charlotte	199	12	Christian Brothers University	12	12
Kennesaw State University	None		University of Alaska, Anchorage	9.78	13	Brigham Young University	199	13	Louisiana Tech University	13	13
Lafayette College	None		Louisiana State University	10.43	14	Louisiana State University	201	14	University of Akron	14	14
Louisiana State University	None		Brigham Young University	10.73	15	Michigan Technological University	201	15	North Dakota State University	15	15
Louisiana Tech University	None		University of North Carolina at Charlotte	11.02	16	University of Akron	201	16	Case Western Reserve University	16	16
Michigan Technological University	None		University of Puerto Rico at Mayagüez	11.23	17	Youngstown State University	201	17	West Virginia University	17	17
New York City College of Technology	None		University of Colorado Denver	11.25	18	Kennesaw State University	203	18	South Dakota State University	18	18
North Dakota State University	None		The College of New Jersey	11.35	19	University of Florida	208	19	The College of New Jersey	19	19
Oregon Institute of Technology	None		University of Alaska, Fairbanks	12.22	20	University of Oklahoma	209	20	University of North Carolina at Charlotte	19	20
South Dakota State University	None		North Dakota State University	12.45	21	University of Texas at San Antonio	211	21	Utah State University	21	21
Southern Illinois University - Carbondale	None		University of Texas at San Antonio	12.60	22	North Dakota State University	211	22	SUNY Canton	22	22
SUNY Canton	None		Utah State University	12.83	23	Utah State University	220	23	Catholic University	23	23
Texas A&M University	None		Louisiana Tech University	14.47	24	South Dakota State University	228	24	University at Buffalo	23	24
The College of New Jersey	None		Southern Illinois University - Carbondale	14.50	25	Clarkson University	228	25	Youngstown State University	25	25
University at Buffalo	None		Christian Brothers University	14.93	26	University of Connecticut	229	26	University of Connecticut	26	26
University of Akron	None		University of Wisconsin Madison	14.95	27	University of Alaska, Anchorage	231	27	Lafayette College	27	27
University of Alaska, Anchorage	None		Arkansas State University	15.88	28	University of Colorado Denver	260	28	Brigham Young University	28	28
University of Alaska, Fairbanks	None		University of Connecticut	15.93	29	SUNY Canton	267	29	Cooper Union	28	29
University of California, Berkeley	None		South Dakota State University	16.60	30	Southern Illinois University - Carbondale	272	30	Drexel University	28	30
University of Colorado Denver	None		University of Oklahoma	17.35	31	Oregon Institute of Technology	274	31	University of Alaska, Anchorage	31	31
University of Connecticut	None		Clarkson University	18.13	32	Arkansas State University	296	32	Oregon Institute of Technology	32	32
University of Florida	None		Cooper Union	18.47	33	Louisiana Tech University	319	33	University of Texas at San Antonio	33	33
University of North Carolina at Charlotte	None		West Virginia University	18.57	34	Cooper Union	340	34	University of Oklahoma	34	34
University of Oklahoma	None		Case Western Reserve University	26.95	35	Catholic University	373	35	New York City College of Technology	35	35
University of Puerto Rico at Mayagüez	None		New York City College of Technology	27.55	36	New York City College of Technology	556	36	University of Florida	36	36
University of Texas at San Antonio	None		Texas A&M University	50.65	37	Christian Brothers University	640	37	Kennesaw State University	37	37
University of Wisconsin Madison	None		Catholic University	187.50	38	Texas A&M University	695	38	Southern Illinois University - Carbondale	38	38
Utah State University	None		Missouri S&T	---	---	Missouri S&T	---	---	Missouri S&T	---	---
West Virginia University	None		Norwich University	---	---	Norwich University	---	---	Norwich University	---	---
Youngstown State University	None		Purdue Northwest	---	---	Purdue Northwest	---	---	Purdue Northwest	---	---

Stiffness			Economy			Efficiency			Overall		
School	Agg D	Rank	School	Cc	Rank	School	Cs	Rank	School	Cc + Cs	Rank
Lafayette College	0.340	1	Lafayette College	\$912,000	1	Lafayette College	\$1,480,000	1	Lafayette College	\$2,392,000	1
University of Florida	0.450	2	Youngstown State University	\$1,113,000	2	University of Puerto Rico at Mayagüez	\$1,948,500	2	University of Florida	\$3,258,000	2
SUNY Canton	0.460	3	University of Florida	\$1,203,000	3	University of Alaska, Fairbanks	\$1,957,500	3	Youngstown State University	\$3,395,500	3
University of Alaska, Fairbanks	0.490	4	Oregon Institute of Technology	\$1,460,000	4	University of Florida	\$2,055,000	4	University at Buffalo	\$3,748,000	4
University of Puerto Rico at Mayagüez	0.500	5	University at Buffalo	\$1,510,000	5	Michigan Technological University	\$2,112,500	5	University of Puerto Rico at Mayagüez	\$3,970,500	5
Michigan Technological University	0.520	6	SUNY Canton	\$1,630,000	6	University of California, Berkeley	\$2,223,000	6	University of California, Berkeley	\$4,071,000	6
University of California, Berkeley	0.570	7	University of Alaska, Anchorage	\$1,761,000	7	University at Buffalo	\$2,238,000	7	University of Alaska, Fairbanks	\$4,156,500	7
Youngstown State University	0.570	8	University of California, Berkeley	\$1,848,000	8	Youngstown State University	\$2,282,500	8	Michigan Technological University	\$4,392,500	8
University at Buffalo	0.580	9	University of Puerto Rico at Mayagüez	\$2,022,000	9	Louisiana State University	\$2,790,000	9	SUNY Canton	\$5,197,500	9
Louisiana State University	0.730	10	University of Alaska, Fairbanks	\$2,199,000	10	University of Wisconsin Madison	\$3,052,500	10	Louisiana State University	\$5,294,000	10
University of Wisconsin Madison	0.820	11	Kennesaw State University	\$2,256,000	11	University of Akron	\$3,450,000	11	University of Akron	\$5,762,000	11
Utah State University	0.920	12	Michigan Technological University	\$2,280,000	12	SUNY Canton	\$3,567,500	12	Kennesaw State University	\$6,673,500	12
University of Akron	0.930	13	University of Akron	\$2,312,000	13	University of Texas at San Antonio	\$3,720,000	13	Brigham Young University	\$7,484,500	13
University of Texas at San Antonio	0.940	14	Louisiana State University	\$2,504,000	14	Utah State University	\$3,885,000	14	University of Wisconsin Madison	\$7,537,500	14
University of Connecticut	1.060	15	The College of New Jersey	\$2,724,000	15	North Dakota State University	\$4,225,000	15	Utah State University	\$7,735,000	15
North Dakota State University	1.090	16	Drexel University	\$2,840,000	16	Brigham Young University	\$4,264,500	16	University of Alaska, Anchorage	\$7,886,000	16
Brigham Young University	1.190	17	Kansas State University	\$3,018,000	17	Kennesaw State University	\$4,417,500	17	University of Texas at San Antonio	\$8,256,000	17
Kennesaw State University	1.210	18	Brigham Young University	\$3,220,000	18	University of Connecticut	\$4,580,000	18	Drexel University	\$8,399,500	18
Cooper Union	1.260	19	Utah State University	\$3,850,000	19	University of North Carolina at Charlotte	\$5,202,500	19	Oregon Institute of Technology	\$8,510,000	19
Arkansas State University	1.400	20	University of North Carolina at Charlotte	\$3,966,000	20	Drexel University	\$5,559,500	20	North Dakota State University	\$8,707,000	20
University of North Carolina at Charlotte	1.480	21	University of Colorado Denver	\$4,050,000	21	University of Alaska, Anchorage	\$6,125,000	21	University of North Carolina at Charlotte	\$9,168,500	21
Oregon Institute of Technology	1.480	22	Clarkson University	\$4,352,000	22	Clarkson University	\$6,472,500	22	University of Connecticut	\$9,360,000	22
University of Alaska, Anchorage	1.520	23	Cooper Union	\$4,432,000	23	Kansas State University	\$6,737,500	23	Kansas State University	\$9,755,500	23
Clarkson University	1.650	24	North Dakota State University	\$4,482,000	24	Oregon Institute of Technology	\$7,050,000	24	Clarkson University	\$10,824,500	24
Drexel University	1.650	25	University of Wisconsin Madison	\$4,485,000	25	Case Western Reserve University	\$7,093,000	25	The College of New Jersey	\$11,920,500	25
Texas A&M University	1.700	26	University of Texas at San Antonio	\$4,536,000	26	West Virginia University	\$7,295,000	26	Cooper Union	\$12,424,500	26
Kansas State University	1.960	27	University of Connecticut	\$4,780,000	27	Arkansas State University	\$7,360,000	27	West Virginia University	\$12,865,000	27
Southern Illinois University - Carbondale	2.020	28	Louisiana Tech University	\$5,208,000	28	Cooper Union	\$7,992,500	28	University of Colorado Denver	\$12,990,000	28
Catholic University	2.030	29	West Virginia University	\$5,570,000	29	Southern Illinois University - Carbondale	\$8,772,500	29	Arkansas State University	\$13,078,000	29
New York City College of Technology	2.050	30	Arkansas State University	\$5,718,000	30	University of Colorado Denver	\$8,940,000	30	Southern Illinois University - Carbondale	\$14,862,500	30
Case Western Reserve University	2.070	31	South Dakota State University	\$5,976,000	31	The College of New Jersey	\$9,196,500	31	South Dakota State University	\$15,563,500	31
West Virginia University	2.140	32	Southern Illinois University - Carbondale	\$6,090,000	32	South Dakota State University	\$9,587,500	32	Case Western Reserve University	\$16,795,000	32
University of Colorado Denver	2.170	33	University of Oklahoma	\$6,246,000	33	University of Oklahoma	\$10,690,000	33	University of Oklahoma	\$16,936,000	33
South Dakota State University	2.610	34	Christian Brothers University	\$9,376,000	34	Catholic University	\$11,315,000	34	Louisiana Tech University	\$17,803,000	34
The College of New Jersey	2.740	35	Case Western Reserve University	\$9,702,000	35	Louisiana Tech University	\$12,595,000	35	New York City College of Technology	\$27,523,500	35
Louisiana Tech University	2.840	36	New York City College of Technology	\$11,571,000	36	New York City College of Technology	\$15,952,500	36	Texas A&M University	\$39,670,500	36
University of Oklahoma	3.100	37	Texas A&M University	\$21,273,000	37	Texas A&M University	\$18,297,500	37	Christian Brothers University	\$43,901,000	37
Christian Brothers University	4.040	38	Catholic University	\$123,750,000	38	Christian Brothers University	\$34,525,000	38	Catholic University	\$135,065,000	38
Missouri S&T	---	---	Missouri S&T	---	---	Missouri S&T	---	---	Missouri S&T	---	---
Norwich University	---	---	Norwich University	---	---	Norwich University	---	---	Norwich University	---	---
Purdue Northwest	---	---	Purdue Northwest	---	---	Purdue Northwest	---	---	Purdue Northwest	---	---