

2018 ASCE/AISC Student Steel Bridge Competition Category Ranking Sheet

Version Date: 9/23/2017

Competition: National Student Steel Bridge Competition  
 Location: University of Illinois Urbana-Champaign  
 Date: 25-26 May 2018

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Not Ranked			Construction Speed			Lightness			Display		
Chapter	NR		Chapter	Time	Rank	Chapter	Weight	Rank	Chapter	Score	Rank
Bluefield State University	None		École de technologie supérieure	1.85	1	Illinois Institute of Technology	112	1	University Of Michigan	1	1
Brigham Young University	None		Lakehead University	2.45	2	École de technologie supérieure	132	2	Lamar University	2	2
California Polytechnic State University (SLO)	None		University of Wisconsin - Platteville	2.90	3	University of California Berkley	144	3	Michigan Technological University	3	3
California State Polytechnic University, Pomona	None		The University of Texas at San Antonio	2.95	4	University Of Michigan	147	4	University of Louisiana at Lafayette	4	4
California State University, Northridge	None		California Polytechnic State University (SLO)	3.07	5	University of Connecticut	147	5	California Polytechnic State University (SLO)	5	5
College of New Jersey	None		Lafayette College	3.17	6	California Polytechnic State University (SLO)	150	6	École de technologie supérieure	6	6
Drexel University	None		University of California Berkley	3.32	7	Michigan Technological University	151	7	California State University, Northridge	7	7
École de technologie supérieure	None		University Of Michigan	3.48	8	Bluefield State University	159	8	Youngstown State University	8	8
Illinois Institute of Technology	None		Kennesaw State University	4.32	9	New York University Tandon School of Engineering	160	9	Kennesaw State University	9	9
Kennesaw State University	None		University at Buffalo	4.75	10	Missouri University of Science and Technology	160	10	College of New Jersey	10	10
Lafayette College	None		Laval University	4.82	11	College of New Jersey	163	11	North Carolina State University	11	11
Lakehead University	None		California State University, Northridge	5.17	12	University at Buffalo	164	12	University at Buffalo	12	12
Lamar University	None		Southern Illinois University - Carbondale	5.48	13	The University of Akron	168	13	New York University Tandon School of Engineering	13	13
Laval University	None		University of Wisconsin Madison	6.42	14	California State Polytechnic University, Pomona	171	14	Milwaukee School of Engineering	14	14
Michigan Technological University	None		Universidad Panamericana	6.60	15	Universidad Panamericana	174	15	South Dakota School of Mines and Technology	15	15
Milwaukee School of Engineering	None		University of Washington	6.65	16	University of Florida	175	16	University of Wisconsin - Platteville	16	16
Missouri University of Science and Technology	None		Tongji University	6.78	17	Tongji University	176	17	Drexel University	17	17
New York University Tandon School of Engineering	None		Missouri University of Science and Technology	6.88	18	Milwaukee School of Engineering	177	18	The University of Akron	18	18
North Carolina State University	None		Michigan Technological University	7.25	19	California State University, Northridge	177	19	University of North Carolina at Charlotte	19	19
Portland State University	None		University of Puerto Rico Mayaguez	7.67	20	University of Washington	178	20	Missouri University of Science and Technology	20	20
South Dakota School of Mines and Technology	None		Portland State University	7.80	21	North Carolina State University	178	21	University of Washington	21	21
Southern Illinois University - Carbondale	None		Drexel University	8.00	22	University of British Columbia	179	22	University of California Berkley	22	22
The University of Akron	None		University of Florida	8.38	23	University of Wisconsin - Platteville	179	23	Illinois Institute of Technology	23	23
The University of Texas at San Antonio	None		California State Polytechnic University, Pomona	8.40	24	Portland State University	181	24	Lakehead University	24	24
Tongji University	None		North Carolina State University	8.57	25	The University of Texas at San Antonio	181	25	University of British Columbia	25	25
Universidad Panamericana	None		University of Illinois Urbana-Champaign	8.63	26	Youngstown State University	181	26	Portland State University	26	26
University at Buffalo	None		The University of Akron	8.67	27	Drexel University	185	27	Tongji University	27	27
University of British Columbia	None		South Dakota School of Mines and Technology	8.75	28	Kennesaw State University	185	28	Brigham Young University	28	28
University of California Berkley	None		University of Louisiana at Lafayette	9.27	29	University of Wisconsin Madison	185	29	Laval University	29	29
University of Connecticut	None		University of British Columbia	9.60	30	South Dakota School of Mines and Technology	186	30	University of Connecticut	30	30
University of District of Columbia	None		University of Connecticut	9.60	31	Lakehead University	190	31	Bluefield State University	31	31
University of Florida	None		Brigham Young University	9.63	32	University of North Carolina at Charlotte	194	32	California State Polytechnic University, Pomona	32	32
University of Illinois Urbana-Champaign	None		Illinois Institute of Technology	9.93	33	University of Puerto Rico Mayaguez	196	33	University of Puerto Rico Mayaguez	33	33
University of Louisiana at Lafayette	None		University of District of Columbia	10.38	34	Brigham Young University	197	34	University of Wisconsin Madison	34	34
University Of Michigan	None		University of New Brunswick	11.50	35	University of Louisiana at Lafayette	199	35	University of New Brunswick	35	35
University of New Brunswick	None		College of New Jersey	12.73	36	Lafayette College	200	36	University of Illinois Urbana-Champaign	36	36
University of North Carolina at Charlotte	None		Youngstown State University	14.13	37	University of Illinois Urbana-Champaign	201	37	The University of Texas at San Antonio	37	37
University of Puerto Rico Mayaguez	None		Milwaukee School of Engineering	15.03	38	Southern Illinois University - Carbondale	223	38	University of District of Columbia	38	38
University of Washington	None		University of North Carolina at Charlotte	16.23	39	Lamar University	226	39	University of Florida	39	39
University of Wisconsin - Platteville	None		Bluefield State University	16.35	40	Laval University	277	40	Lafayette College	40	40
University of Wisconsin Madison	None		New York University Tandon School of Engineering	21.20	41	University of New Brunswick	395	41	Southern Illinois University - Carbondale	41	41
Youngstown State University	None		Lamar University	193.00	42	University of District of Columbia	429	42	Universidad Panamericana	42	42

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Stiffness			Economy			Efficiency			Overall		
Chapter	Agg Δ	Rank	Chapter	C <sub>s</sub>	Rank	Chapter	C <sub>s</sub>	Rank	Chapter	C <sub>s</sub> + C <sub>s</sub>	Rank
Lafayette College	0.260	1	École de technologie supérieure	\$647,500	1	University of Florida	\$1,144,000	1	Lafayette College	\$2,066,667	1
University of Florida	0.290	2	Lakehead University	\$857,500	2	Lafayette College	\$1,180,000	2	California Polytechnic State University (SLO)	\$2,159,667	2
Tongji University	0.330	3	California Polytechnic State University (SLO)	\$858,667	3	California Polytechnic State University (SLO)	\$1,201,000	3	École de technologie supérieure	\$2,206,500	3
California Polytechnic State University (SLO)	0.350	4	Lafayette College	\$886,667	4	Michigan Technological University	\$1,237,000	4	University of California Berkeley	\$2,578,667	4
University of Puerto Rico Mayaguez	0.350	5	University of California Berkeley	\$928,667	5	Tongji University	\$1,269,000	5	Tongji University	\$2,693,500	5
Michigan Technological University	0.360	6	University Of Michigan	\$975,333	6	University of Puerto Rico Mayaguez	\$1,430,000	6	University of Florida	\$2,904,500	6
California State University, Northridge	0.420	7	Laval University	\$1,011,500	7	California State University, Northridge	\$1,547,000	7	California State University, Northridge	\$2,993,667	7
Laval University	0.420	8	University of Wisconsin - Platteville	\$1,218,000	8	École de technologie supérieure	\$1,559,000	8	University of Puerto Rico Mayaguez	\$3,040,000	8
New York University Tandon School of Engineering	0.480	9	The University of Texas at San Antonio	\$1,239,000	9	New York University Tandon School of Engineering	\$1,639,000	9	Laval University	\$3,055,500	9
École de technologie supérieure	0.500	10	Tongji University	\$1,424,500	10	University of California Berkeley	\$1,650,000	10	Lakehead University	\$3,099,500	10
University at Buffalo	0.510	11	California State University, Northridge	\$1,446,667	11	University at Buffalo	\$1,752,000	11	Michigan Technological University	\$3,267,000	11
University of California Berkley	0.510	12	University of Puerto Rico Mayaguez	\$1,610,000	12	Laval University	\$2,044,000	12	University at Buffalo	\$3,414,500	12
Youngstown State University	0.630	13	Portland State University	\$1,638,000	13	Youngstown State University	\$2,196,000	13	University Of Michigan	\$3,602,333	13
Lakehead University	0.630	14	University at Buffalo	\$1,662,500	14	Lakehead University	\$2,242,000	14	Portland State University	\$4,041,000	14
The University of Akron	0.670	15	University of Florida	\$1,780,500	15	The University of Akron	\$2,249,000	15	University of Wisconsin - Platteville	\$4,155,000	15
Portland State University	0.700	16	University of Wisconsin Madison	\$1,796,667	16	Portland State University	\$2,403,000	16	Youngstown State University	\$4,174,667	16
University of Wisconsin Madison	0.700	17	Kennesaw State University	\$1,813,000	17	University of Wisconsin Madison	\$2,426,000	17	University of Wisconsin Madison	\$4,222,667	17
Kennesaw State University	0.730	18	Youngstown State University	\$1,978,667	18	Kennesaw State University	\$2,516,000	18	Kennesaw State University	\$4,329,000	18
Lamar University	0.760	19	University of British Columbia	\$2,016,000	19	California State Polytechnic University, Pomona	\$2,597,000	19	New York University Tandon School of Engineering	\$4,607,000	19
California State Polytechnic University, Pomona	0.780	20	University of Connecticut	\$2,016,000	20	University Of Michigan	\$2,627,000	20	The University of Texas at San Antonio	\$4,633,000	20
Brigham Young University	0.800	21	Michigan Technological University	\$2,030,000	21	Universidad Panamericana	\$2,729,000	21	The University of Akron	\$4,675,667	21
Universidad Panamericana	0.820	22	Drexel University	\$2,240,000	22	University of Connecticut	\$2,747,000	22	University of Connecticut	\$4,763,000	22
University Of Michigan	0.830	23	Southern Illinois University - Carbondale	\$2,303,000	23	Brigham Young University	\$2,786,000	23	California State Polytechnic University, Pomona	\$4,949,000	23
University of Connecticut	0.870	24	University of Washington	\$2,327,500	24	Illinois Institute of Technology	\$2,880,000	24	Drexel University	\$5,475,000	24
University of Wisconsin - Platteville	0.880	25	California State Polytechnic University, Pomona	\$2,352,000	25	University of Wisconsin - Platteville	\$2,937,000	25	Universidad Panamericana	\$5,501,000	25
Illinois Institute of Technology	0.960	26	North Carolina State University	\$2,398,667	26	Missouri University of Science and Technology	\$3,231,000	26	Missouri University of Science and Technology	\$5,640,167	26
Drexel University	0.970	27	Missouri University of Science and Technology	\$2,409,167	27	Drexel University	\$3,235,000	27	Illinois Institute of Technology	\$5,661,333	27
Missouri University of Science and Technology	1.010	28	The University of Akron	\$2,426,667	28	Lamar University	\$3,340,000	28	South Dakota School of Mines and Technology	\$5,869,000	28
University of New Brunswick	1.010	29	South Dakota School of Mines and Technology	\$2,450,000	29	The University of Texas at San Antonio	\$3,394,000	29	North Carolina State University	\$5,930,667	29
South Dakota School of Mines and Technology	1.030	30	Universidad Panamericana	\$2,772,000	30	South Dakota School of Mines and Technology	\$3,419,000	30	Brigham Young University	\$6,157,667	30
The University of Texas at San Antonio	1.030	31	Illinois Institute of Technology	\$2,781,333	31	North Carolina State University	\$3,532,000	31	University of Washington	\$6,247,500	31
North Carolina State University	1.080	32	University of District of Columbia	\$2,907,333	32	University of Washington	\$3,920,000	32	University of British Columbia	\$6,310,000	32
University of Washington	1.210	33	New York University Tandon School of Engineering	\$2,968,000	33	University of British Columbia	\$4,194,000	33	University of New Brunswick	\$7,625,000	33
University of British Columbia	1.300	34	University of Illinois Urbana-Champaign	\$3,021,667	34	Milwaukee School of Engineering	\$4,274,000	34	University of Illinois Urbana-Champaign	\$7,881,667	34
Milwaukee School of Engineering	1.330	35	University of New Brunswick	\$3,220,000	35	Bluefield State University	\$4,306,000	35	Milwaukee School of Engineering	\$8,483,333	35
Bluefield State University	1.370	36	University of Louisiana at Lafayette	\$3,243,333	36	University of New Brunswick	\$4,405,000	36	Southern Illinois University - Carbondale	\$8,578,000	36
University of Illinois Urbana-Champaign	1.480	37	Brigham Young University	\$3,371,667	37	College of New Jersey	\$4,684,000	37	University of District of Columbia	\$9,704,333	37
College of New Jersey	1.490	38	Milwaukee School of Engineering	\$4,209,333	38	University of Illinois Urbana-Champaign	\$4,860,000	38	University of Louisiana at Lafayette	\$9,757,333	38
University of District of Columbia	1.750	39	Bluefield State University	\$5,722,500	39	Southern Illinois University - Carbondale	\$6,275,000	39	Bluefield State University	\$10,028,500	39
Southern Illinois University - Carbondale	1.920	40	University of North Carolina at Charlotte	\$6,818,000	40	University of Louisiana at Lafayette	\$6,514,000	40	College of New Jersey	\$11,814,667	40
University of Louisiana at Lafayette	2.040	41	College of New Jersey	\$7,130,667	41	University of District of Columbia	\$6,797,000	41	University of North Carolina at Charlotte	\$13,819,000	41
University of North Carolina at Charlotte	2.210	42	Lamar University	\$67,550,000	42	University of North Carolina at Charlotte	\$7,001,000	42	Lamar University	\$70,890,000	42