

2016 ASCE/AISC Student Steel Bridge Competition Category Ranking Sheet

Version Date: 4/2/2016

Competition: 2016 National Student Steel Bridge Competition
 Location: Brigham Young University, Provo, Utah
 Date: 27-28 May 2016

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Ineligibilities		Construction Speed			Lightness			Display		
Chapter	IE	Chapter	Time	Rank	Chapter	Weight	Rank	Chapter	Score	Rank
Colorado School of Mines	11.5	University of Wisconsin - Platteville	2.62	1	University of Florida	113	1	Western Kentucky University	1	1
Michigan Technological U.	11.5	Youngstown State University	5.95	2	University of Wisconsin-Madison	116	2	Youngstown State University	2	2
Oregon State	11.5	Illinois Institute of Technology	6.08	3	University at Buffalo	117	3	University of Michigan	3	3
Alaska Fairbanks	None	Lafayette College	6.57	4	École de Technologie Supérieure	117	4	University of Wisconsin-Madison	4	4
Arkansas State University	None	University of Wisconsin-Madison	6.82	5	Clemson University	129	5	Texas A&M - College Station	5	5
Brigham Young University	None	University at Buffalo	7.13	6	Alaska Fairbanks	130	6	Utah State University	6	6
Cal Poly Pomona	None	Cal Poly San Luis Obispo	7.33	7	Cal Poly San Luis Obispo	132	7	University of Illinois at Urbana-Champaign	7	7
Cal Poly San Luis Obispo	None	University of British Columbia	7.62	8	UC Berkeley	138	8	University of Tennessee at Martin	8	8
California State University, Northridge	None	University of Puerto Rico Mayaguez	7.73	9	University of Puerto Rico Mayaguez	141	9	University of Florida	9	9
Clemson University	None	Lakehead University	8.02	10	University of Michigan	142	10	University of British Columbia	10	10
Drexel University	None	Alaska Fairbanks	8.25	11	Université Laval, Canada	143	11	University at Buffalo	11	11
École de Technologie Supérieure	None	École de Technologie Supérieure	8.27	12	University of Tennessee Knoxville	147	12	University of Utah	12	12
George Mason University	None	University of Illinois at Urbana-Champaign	8.57	13	Drexel University	148	13	UC Berkeley	13	13
George Washington University	None	Kennesaw State University	8.63	14	Lafayette College	150	14	Universidad Autonoma del Estado de Mexico	14	14
Illinois Institute of Technology	None	University of Tennessee Knoxville	9.33	15	Tongji	159	15	North Carolina State University	15	15
Kennesaw State University	None	Missouri S&T	9.72	16	University of Utah	162	16	University of New Hampshire	16	16
Lafayette College	None	University of Florida	9.92	17	University of Akron	168	17	Tongji	17	17
Lakehead University	None	UC Berkeley	10.30	18	University of Connecticut	190	18	University of Connecticut	18	18
Missouri S&T	None	University of Michigan	10.65	19	Kennesaw State University	191	19	University of Akron	19	19
North Carolina State University	None	Universidad Autonoma del Estado de Mexico	11.88	20	University of British Columbia	194	20	Université Laval, Canada	20	20
NYU - Polytechnic School of Engineering	None	Utah State University	13.20	21	North Carolina State University	200	21	NYU - Polytechnic School of Engineering	21	21
Southern Illinois University - Carbondale	None	California State University, Northridge	13.23	22	Lakehead University	203	22	The Cooper Union	22	22
Southern Methodist University	None	Université Laval, Canada	13.50	23	Youngstown State University	204	23	École de Technologie Supérieure	23	23
Texas A&M - College Station	None	University of Utah	13.53	24	University of Illinois at Urbana-Champaign	206	24	West Virginia University	24	24
The Cooper Union	None	Tongji	13.62	25	Illinois Institute of Technology	210	25	Lakehead University	25	25
Tongji	None	University of New Hampshire	14.70	26	Universidad Autonoma del Estado de Mexico	225	26	California State University, Northridge	26	26
UC Berkeley	None	University of Tennessee at Martin	14.93	27	Brigham Young University	232	27	University of Tennessee Knoxville	27	27
Universidad Autonoma del Estado de Mexico	None	Clemson University	14.98	28	University of New Hampshire	235	28	University of Wisconsin - Platteville	28	28
Université Laval, Canada	None	University of Connecticut	15.82	29	Utah State University	240	29	Lafayette College	29	29
University at Buffalo	None	The Cooper Union	15.88	30	Texas A&M - College Station	243	30	Kennesaw State University	30	30
University of Akron	None	University of Missouri - Columbia	17.15	31	Southern Illinois University - Carbondale	252	31	Alaska Fairbanks	31	31
University of British Columbia	None	Western Kentucky University	17.22	32	Arkansas State University	256	32	George Mason University	32	32
University of Connecticut	None	Brigham Young University	17.42	33	The Cooper Union	266	33	University of Puerto Rico Mayaguez	33	33
University of Florida	None	Drexel University	18.30	34	Cal Poly Pomona	272	34	Clemson University	34	34
University of Illinois at Urbana-Champaign	None	North Carolina State University	18.45	35	Western Kentucky University	275	35	Drexel University	35	35
University of Michigan	None	University of Akron	18.73	36	California State University, Northridge	281	36	University of Missouri - Columbia	36	36
University of Missouri - Columbia	None	Arkansas State University	19.93	37	University of Wisconsin - Platteville	289	37	Illinois Institute of Technology	37	37
University of New Hampshire	None	George Washington University	28.32	38	University of Tennessee at Martin	294	38	Southern Methodist University	38	38
University of Puerto Rico Mayaguez	None	George Mason University	29.02	39	West Virginia University	349	39	Arkansas State University	39	39
University of Tennessee at Martin	None	Texas A&M - College Station	30.67	40	George Mason University	366	40	Southern Illinois University - Carbondale	40	40
University of Tennessee Knoxville	None	Southern Methodist University	32.72	41	NYU - Polytechnic School of Engineering	403	41	Brigham Young University	41	41
University of Utah	None	West Virginia University	36.67	42	Southern Methodist University	451	42	Missouri S&T	42	42
University of Wisconsin - Platteville	None	Cal Poly Pomona	37.13	43	University of Missouri - Columbia	501	43	Cal Poly San Luis Obispo	43	43
University of Wisconsin-Madison	None	Southern Illinois University - Carbondale	42.50	44	Missouri S&T	577	44	George Washington University	44	44
Utah State University	None	NYU - Polytechnic School of Engineering	43.83	45	George Washington University	951	45	Cal Poly Pomona	45	45
West Virginia University	None	Colorado School of Mines	---	---	Colorado School of Mines	---	---	Colorado School of Mines	---	---
Western Kentucky University	None	Michigan Technological U.	---	---	Michigan Technological U.	---	---	Michigan Technological U.	---	---
Youngstown State University	None	Oregon State	---	---	Oregon State	---	---	Oregon State	---	---

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Stiffness			Economy			Efficiency			Overall		
Chapter	Agg Δ	Rank	Chapter	C _c	Rank	Chapter	C _c	Rank	Chapter	C _c + C _s	Rank
George Mason University	0.730	1	University of Wisconsin - Platteville	\$815,000	1	University of Florida	\$2,164,000	1	École de Technologie Supérieure	\$3,552,000	1
Tongji	0.890	2	Youngstown State University	\$922,500	2	École de Technologie Supérieure	\$2,282,000	2	Cal Poly San Luis Obispo	\$3,558,000	2
University of Florida	1.030	3	Lafayette College	\$1,015,000	3	Cal Poly San Luis Obispo	\$2,428,000	3	University of Florida	\$3,681,500	3
École de Technologie Supérieure	1.110	4	University at Buffalo	\$1,100,000	4	Tongji	\$2,484,000	4	Lafayette College	\$3,863,000	4
Cal Poly San Luis Obispo	1.110	5	Cal Poly San Luis Obispo	\$1,130,000	5	Alaska Fairbanks	\$2,594,000	5	University at Buffalo	\$4,160,000	5
Cal Poly Pomona	1.120	6	Illinois Institute of Technology	\$1,216,667	6	University of Wisconsin-Madison	\$2,660,000	6	Alaska Fairbanks	\$4,244,000	6
NYU - Polytechnic School of Engineering	1.250	7	École de Technologie Supérieure	\$1,270,000	7	University of Puerto Rico Mayaguez	\$2,684,000	7	University of Puerto Rico Mayaguez	\$4,260,667	7
University of Puerto Rico Mayaguez	1.270	8	University of Florida	\$1,517,500	8	University of Michigan	\$2,788,000	8	University of Wisconsin-Madison	\$4,735,000	8
Alaska Fairbanks	1.290	9	University of Puerto Rico Mayaguez	\$1,576,667	9	Lafayette College	\$2,848,000	9	University of Michigan	\$4,918,000	9
Lafayette College	1.350	10	Alaska Fairbanks	\$1,650,000	10	University at Buffalo	\$3,060,000	10	Tongji	\$5,207,333	10
University of Michigan	1.370	11	University of British Columbia	\$1,934,167	11	Université Laval, Canada	\$3,134,000	11	University of Wisconsin - Platteville	\$5,321,000	11
University of Wisconsin-Madison	1.500	12	University of Utah	\$2,060,000	12	UC Berkeley	\$3,410,000	12	Youngstown State University	\$5,364,500	12
University of Wisconsin - Platteville	1.620	13	University of Wisconsin-Madison	\$2,075,000	13	Cal Poly Pomona	\$3,836,000	13	UC Berkeley	\$5,500,000	13
Université Laval, Canada	1.700	14	UC Berkeley	\$2,090,000	14	University of Connecticut	\$3,956,000	14	Université Laval, Canada	\$5,864,000	14
California State University, Northridge	1.820	15	University of Michigan	\$2,130,000	15	University of Akron	\$3,966,000	15	Illinois Institute of Technology	\$6,050,667	15
University at Buffalo	1.890	16	Kennesaw State University	\$2,158,333	16	Drexel University	\$4,012,000	16	Kennesaw State University	\$6,420,333	16
UC Berkeley	2.030	17	University of Illinois at Urbana-Champaign	\$2,171,667	17	Clemson University	\$4,134,000	17	University of British Columbia	\$6,454,167	17
University of Connecticut	2.060	18	The Cooper Union	\$2,412,500	18	Kennesaw State University	\$4,262,000	18	University of Akron	\$6,806,000	18
University of Akron	2.290	19	Lakehead University	\$2,435,000	19	George Mason University	\$4,394,000	19	Lakehead University	\$7,095,000	19
Kennesaw State University	2.350	20	Utah State University	\$2,640,000	20	Youngstown State University	\$4,442,000	20	California State University, Northridge	\$7,304,667	20
Youngstown State University	2.400	21	California State University, Northridge	\$2,676,667	21	University of Wisconsin - Platteville	\$4,506,000	21	University of Tennessee Knoxville	\$7,464,000	21
Drexel University	2.530	22	Tongji	\$2,723,333	22	University of British Columbia	\$4,520,000	22	The Cooper Union	\$7,808,500	22
North Carolina State University	2.550	23	Université Laval, Canada	\$2,730,000	23	North Carolina State University	\$4,547,000	23	Clemson University	\$7,909,833	23
University of British Columbia	2.580	24	University of Tennessee Knoxville	\$2,800,000	24	California State University, Northridge	\$4,628,000	24	University of Illinois at Urbana-Champaign	\$7,931,667	24
University of Tennessee at Martin	2.590	25	University of Akron	\$2,840,000	25	Lakehead University	\$4,660,000	25	Utah State University	\$8,404,000	25
Lakehead University	2.630	26	University of New Hampshire	\$2,970,000	26	University of Tennessee Knoxville	\$4,664,000	26	Drexel University	\$8,617,000	26
Illinois Institute of Technology	2.730	27	Brigham Young University	\$3,513,333	27	Illinois Institute of Technology	\$4,834,000	27	University of Connecticut	\$8,731,000	27
The Cooper Union	2.740	28	Clemson University	\$3,775,833	28	NYU - Polytechnic School of Engineering	\$5,284,000	28	University of Utah	\$8,814,000	28
Clemson University	2.840	29	Universidad Autonoma del Estado de Mexico	\$4,159,167	29	Texas A&M - College Station	\$5,296,000	29	Brigham Young University	\$9,605,333	29
Texas A&M - College Station	2.870	30	Western Kentucky University	\$4,334,167	30	The Cooper Union	\$5,396,000	30	University of Tennessee at Martin	\$10,006,000	30
Arkansas State University	3.060	31	University of Tennessee at Martin	\$4,480,000	31	University of Tennessee at Martin	\$5,526,000	31	North Carolina State University	\$10,082,000	31
University of Tennessee Knoxville	3.190	32	Drexel University	\$4,605,000	32	Arkansas State University	\$5,616,000	32	University of New Hampshire	\$10,412,000	32
Utah State University	3.360	33	University of Connecticut	\$4,775,000	33	University of Illinois at Urbana-Champaign	\$5,760,000	33	Arkansas State University	\$10,629,333	33
Southern Illinois University - Carbondale	3.420	34	Arkansas State University	\$5,013,333	34	Utah State University	\$5,764,000	34	Universidad Autonoma del Estado de Mexico	\$10,969,167	34
University of Illinois at Urbana-Champaign	3.700	35	North Carolina State University	\$5,535,000	35	Southern Illinois University - Carbondale	\$5,940,000	35	Cal Poly Pomona	\$11,262,667	35
Brigham Young University	3.770	36	George Mason University	\$7,284,167	36	Brigham Young University	\$6,092,000	36	George Mason University	\$11,678,167	36
Universidad Autonoma del Estado de Mexico	4.560	37	Cal Poly Pomona	\$7,426,667	37	University of Utah	\$6,754,000	37	Western Kentucky University	\$11,716,167	37
Western Kentucky University	4.630	38	NYU - Polytechnic School of Engineering	\$8,796,667	38	Universidad Autonoma del Estado de Mexico	\$6,810,000	38	NYU - Polytechnic School of Engineering	\$14,080,667	38
West Virginia University	4.680	39	Missouri S&T	\$10,945,000	39	Western Kentucky University	\$7,382,000	39	Texas A&M - College Station	\$17,562,667	39
Southern Methodist University	4.840	40	West Virginia University	\$11,030,000	40	University of New Hampshire	\$7,442,000	40	Southern Illinois University - Carbondale	\$18,720,000	40
University of New Hampshire	5.090	41	Southern Methodist University	\$11,480,833	41	West Virginia University	\$8,168,000	41	West Virginia University	\$19,198,000	41
University of Utah	5.130	42	Texas A&M - College Station	\$12,266,667	42	Southern Methodist University	\$9,346,000	42	Southern Methodist University	\$20,826,833	42
George Washington University	5.480	43	University of Missouri - Columbia	\$12,317,500	43	University of Missouri - Columbia	\$30,566,000	43	University of Missouri - Columbia	\$42,883,500	43
University of Missouri - Columbia	5.560	44	Southern Illinois University - Carbondale	\$12,780,000	44	Missouri S&T	\$34,274,769	44	Missouri S&T	\$45,219,769	44
Missouri S&T	5.940	45	George Washington University	\$17,910,833	45	George Washington University	\$48,071,009	45	George Washington University	\$65,981,842	45
Colorado School of Mines	---	---	Colorado School of Mines	---	---	Colorado School of Mines	---	---	Colorado School of Mines	---	---
Michigan Technological U.	---	---	Michigan Technological U.	---	---	Michigan Technological U.	---	---	Michigan Technological U.	---	---
Oregon State	---	---	Oregon State	---	---	Oregon State	---	---	Oregon State	---	---