

2017 ASCE/AISC Student Steel Bridge Competition Category Ranking Sheet

Version Date: 4/3/2017

Competition: National Student Steel Bridge Competition  
 Location: Oregon State University  
 Date: 26-27 May 2017

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Not Ranked			Construction Speed			Lightness			Display		
Chapter	NR		Chapter	Time	Rank	Chapter	Weight	Rank	Chapter	Score	Rank
University of Florida	11.4:		Lafayette College	3.55	1	California Polytechnic University, San Luis Obispo	97	1	Lakehead University	1	1
The College of New Jersey	11.5:		UC Berkeley	4.25	2	University of Alaska Fairbanks	101	2	Youngstown State University	2	2
University of New Orleans	11.5:		Ecole de Technologie Superieure	4.28	3	Ecole de Technologie Superieure	101	3	California State University, Northridge	3	3
University of Akron	4:		Lakehead University	4.50	4	North Dakota State University	102	4	University of Michigan	4	4
Brigham Young University	None		North Dakota State University	4.95	5	UC Berkeley	112	5	West Virginia University	5	5
California Polytechnic University, Pomona	None		University of Puerto Rico Mayaguez	4.97	6	SUNY Canton	113	6	University of Wisconsin Madison	6	6
California Polytechnic University, San Luis Obispo	None		University of Wisconsin Madison	5.50	7	California State University, Northridge	120	7	SUNY Canton	7	7
California State University, Northridge	None		SUNY Canton	5.75	8	Youngstown State University	126	8	North Dakota State University	8	8
Christian Brothers University	None		Michigan Technological University	6.27	9	Lakehead University	130	9	Colorado State University	9	9
Colorado State University	None		The Cooper Union	6.30	10	Michigan Technological University	131	10	Tongji University	10	10
Ecole de Technologie Superieure	None		California State University, Northridge	6.63	11	University of Puerto Rico Mayaguez	133	11	Universidad Autonoma Del Estado De Mexico	11	11
Georgia Institute of Technology	None		California Polytechnic University, San Luis Obispo	6.65	12	Lafayette College	135	12	University of Alaska Fairbanks	12	12
Kansas State	None		The University of Texas at San Antonio	7.13	13	University of Wisconsin Madison	136	13	Milwaukee School of Engineering	13	13
Kennesaw State University	None		University of Michigan	8.02	14	Georgia Institute of Technology	140	14	Oregon State University	14	14
Lafayette College	None		University of Alaska Fairbanks	8.13	15	University of Connecticut	140	15	Missouri - Kansas City	15	15
Lakehead University	None		Milwaukee School of Engineering	8.47	16	The University of Texas at San Antonio	140	16	Georgia Institute of Technology	16	16
Michigan Technological University	None		University of British Columbia	9.00	17	California Polytechnic University, Pomona	143	17	Universite Laval	17	17
Milwaukee School of Engineering	None		Kennesaw State University	9.00	18	Brigham Young University	144	18	Michigan Technological University	18	18
Missouri - Kansas City	None		Youngstown State University	9.17	19	University of Michigan	155	19	North Carolina State University	19	19
North Carolina State University	None		Tongji University	9.53	20	Tongji University	157	20	UC Berkeley	20	20
North Dakota State University	None		Kansas State	9.90	21	Milwaukee School of Engineering	159	21	The Cooper Union	21	21
Oregon State University	None		University of Connecticut	10.07	22	Oregon State University	165	22	Texas Tech University	22	22
South Dakota School of Mines	None		University of Illinois Urbana-Champaign	10.12	23	Kennesaw State University	171	23	The University of Texas at San Antonio	23	23
SUNY Canton	None		Georgia Institute of Technology	10.67	24	South Dakota School of Mines	174	24	California Polytechnic University, San Luis Obispo	24	24
Texas Tech University	None		West Virginia University	11.08	25	University of British Columbia	175	25	Lafayette College	25	25
The Cooper Union	None		California Polytechnic University, Pomona	11.63	26	Universidad Autonoma Del Estado De Mexico	185	26	Virginia Tech	26	26
The University of Texas at San Antonio	None		Oregon State University	13.32	27	The Cooper Union	196	27	University of British Columbia	27	27
Tongji University	None		Brigham Young University	14.45	28	Kansas State	240	28	South Dakota School of Mines	28	28
UC Berkeley	None		Colorado State University	15.77	29	Texas Tech University	259	29	Christian Brothers University	29	29
Universidad Autonoma Del Estado De Mexico	None		Universidad Autonoma Del Estado De Mexico	16.00	30	University of Illinois Urbana-Champaign	272	30	University of Illinois Urbana-Champaign	30	30
Universite Laval	None		South Dakota School of Mines	18.15	31	University of Maryland - University Park	275	31	University of Puerto Rico Mayaguez	31	31
University of Alaska Fairbanks	None		Virginia Tech	18.37	32	University of Vermont	295	32	Kansas State	32	32
University of British Columbia	None		Universite Laval	19.38	33	West Virginia University	304	33	University of Connecticut	33	33
University of Connecticut	None		Missouri - Kansas City	19.78	34	Colorado State University	314	34	California Polytechnic University, Pomona	34	34
University of Illinois Urbana-Champaign	None		University of Vermont	20.17	35	Missouri - Kansas City	339	35	Ecole de Technologie Superieure	35	35
University of Maryland - University Park	None		University of Maryland - University Park	20.80	36	Universite Laval	361	36	Kennesaw State University	36	36
University of Michigan	None		Christian Brothers University	23.08	37	Virginia Tech	363	37	University of Vermont	37	37
University of Puerto Rico Mayaguez	None		Texas Tech University	24.35	38	North Carolina State University	462	38	Brigham Young University	38	38
University of Vermont	None		North Carolina State University	39.05	39	Christian Brothers University	515	39	University of Maryland - University Park	39	39
University of Wisconsin Madison	None		The College of New Jersey	---	---	The College of New Jersey	---	---	The College of New Jersey	---	---
Virginia Tech	None		University of Akron	---	---	University of Akron	---	---	University of Akron	---	---
West Virginia University	None		University of Florida	---	---	University of Florida	---	---	University of Florida	---	---
Youngstown State University	None		University of New Orleans	---	---	University of New Orleans	---	---	University of New Orleans	---	---

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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
Tongji University	0.620	1	Lafayette College	\$592,500	1	California Polytechnic University, San Luis Obispo	\$1,740,000	1	Ecole de Technologie Superieure	\$2,540,500	1
Missouri - Kansas City	0.620	2	UC Berkeley	\$697,500	2	Ecole de Technologie Superieure	\$1,838,000	2	Lafayette College	\$2,630,500	2
Lafayette College	0.690	3	Ecole de Technologie Superieure	\$702,500	3	SUNY Canton	\$2,012,000	3	California Polytechnic University, San Luis Obispo	\$2,797,500	3
California Polytechnic University, San Luis Obispo	0.770	4	Lakehead University	\$930,000	4	Lafayette College	\$2,038,000	4	UC Berkeley	\$2,883,500	4
Michigan Technological University	0.790	5	Youngstown State University	\$976,667	5	Michigan Technological University	\$2,100,000	5	Lakehead University	\$3,298,000	5
Ecole de Technologie Superieure	0.830	6	North Dakota State University	\$1,050,000	6	University of Alaska Fairbanks	\$2,128,000	6	University of Puerto Rico Mayaguez	\$3,365,333	6
University of Michigan	0.850	7	University of Puerto Rico Mayaguez	\$1,053,333	7	UC Berkeley	\$2,186,000	7	SUNY Canton	\$3,479,500	7
Kansas State	0.860	8	California Polytechnic University, San Luis Obispo	\$1,057,500	8	Tongji University	\$2,188,000	8	North Dakota State University	\$3,630,000	8
SUNY Canton	0.880	9	The Cooper Union	\$1,320,000	9	California State University, Northridge	\$2,296,000	9	California State University, Northridge	\$3,652,667	9
Texas Tech University	0.890	10	Milwaukee School of Engineering	\$1,330,000	10	University of Puerto Rico Mayaguez	\$2,312,000	10	University of Alaska Fairbanks	\$3,754,667	10
California Polytechnic University, Pomona	0.910	11	California State University, Northridge	\$1,356,667	11	California Polytechnic University, Pomona	\$2,336,000	11	Youngstown State University	\$3,800,667	11
University of Puerto Rico Mayaguez	0.980	12	SUNY Canton	\$1,467,500	12	Lakehead University	\$2,368,000	12	Michigan Technological University	\$3,980,000	12
Lakehead University	1.070	13	University of Alaska Fairbanks	\$1,626,667	13	University of Michigan	\$2,396,000	13	Milwaukee School of Engineering	\$4,134,000	13
UC Berkeley	1.070	14	Georgia Institute of Technology	\$1,660,000	14	Georgia Institute of Technology	\$2,488,000	14	Georgia Institute of Technology	\$4,148,000	14
Georgia Institute of Technology	1.090	15	University of Wisconsin Madison	\$1,710,000	15	North Dakota State University	\$2,580,000	15	Tongji University	\$4,154,667	15
California State University, Northridge	1.100	16	The University of Texas at San Antonio	\$1,843,333	16	The University of Texas at San Antonio	\$2,604,000	16	University of Wisconsin Madison	\$4,328,000	16
North Carolina State University	1.100	17	University of British Columbia	\$1,860,000	17	University of Wisconsin Madison	\$2,618,000	17	The University of Texas at San Antonio	\$4,447,333	17
University of Alaska Fairbanks	1.120	18	Michigan Technological University	\$1,890,000	18	University of Connecticut	\$2,710,000	18	The Cooper Union	\$4,474,000	18
The Cooper Union	1.190	19	Tongji University	\$1,966,667	19	Brigham Young University	\$2,710,000	19	California Polytechnic University, Pomona	\$4,692,667	19
The University of Texas at San Antonio	1.200	20	University of Connecticut	\$2,043,333	20	Milwaukee School of Engineering	\$2,804,000	20	University of Connecticut	\$4,753,333	20
Milwaukee School of Engineering	1.210	21	California Polytechnic University, Pomona	\$2,356,667	21	Youngstown State University	\$2,824,000	21	University of Michigan	\$4,951,000	21
University of Wisconsin Madison	1.260	22	University of Michigan	\$2,405,000	22	Oregon State University	\$2,962,000	22	Brigham Young University	\$5,630,000	22
Brigham Young University	1.270	23	University of Illinois Urbana-Champaign	\$2,589,167	23	Kennesaw State University	\$3,042,000	23	Oregon State University	\$5,775,333	23
University of Vermont	1.280	24	Oregon State University	\$2,663,333	24	The Cooper Union	\$3,154,000	24	Kennesaw State University	\$5,892,000	24
Oregon State University	1.310	25	Kennesaw State University	\$2,700,000	25	Kansas State	\$3,258,000	25	Kansas State	\$6,288,000	25
University of Connecticut	1.310	26	South Dakota School of Mines	\$2,752,500	26	Texas Tech University	\$3,478,000	26	South Dakota School of Mines	\$6,340,500	26
Kennesaw State University	1.330	27	Brigham Young University	\$2,920,000	27	South Dakota School of Mines	\$3,588,000	27	University of British Columbia	\$6,700,000	27
University of Maryland - University Park	1.330	28	Universite Laval	\$2,967,500	28	Universidad Autonoma Del Estado De Mexico	\$3,914,000	28	University of Illinois Urbana-Champaign	\$6,943,167	28
Universite Laval	1.550	29	Kansas State	\$3,030,000	29	University of Maryland - University Park	\$4,080,000	29	Colorado State University	\$7,979,333	29
Youngstown State University	1.560	30	Colorado State University	\$3,213,333	30	University of Vermont	\$4,232,000	30	Universite Laval	\$8,129,500	30
North Dakota State University	1.560	31	West Virginia University	\$3,385,000	31	University of Illinois Urbana-Champaign	\$4,354,000	31	University of Vermont	\$9,273,667	31
Colorado State University	1.630	32	Virginia Tech	\$4,651,667	32	Missouri - Kansas City	\$4,421,348	32	University of Maryland - University Park	\$9,340,000	32
University of Illinois Urbana-Champaign	1.630	33	Missouri - Kansas City	\$5,005,833	33	Colorado State University	\$4,766,000	33	Missouri - Kansas City	\$9,577,181	33
South Dakota School of Mines	1.850	34	University of Vermont	\$5,041,667	34	University of British Columbia	\$4,840,000	34	West Virginia University	\$10,021,000	34
Universidad Autonoma Del Estado De Mexico	2.060	35	University of Maryland - University Park	\$5,260,000	35	Universite Laval	\$5,162,000	35	Texas Tech University	\$10,783,000	35
Virginia Tech	2.620	36	Christian Brothers University	\$6,955,000	36	North Carolina State University	\$5,718,000	36	Virginia Tech	\$10,905,667	36
Christian Brothers University	2.860	37	Universidad Autonoma Del Estado De Mexico	\$7,230,000	37	Virginia Tech	\$6,254,000	37	Universidad Autonoma Del Estado De Mexico	\$11,144,000	37
University of British Columbia	3.090	38	Texas Tech University	\$7,305,000	38	West Virginia University	\$6,636,000	38	North Carolina State University	\$15,480,500	38
West Virginia University	3.600	39	North Carolina State University	\$9,762,500	39	Christian Brothers University	\$11,605,628	39	Christian Brothers University	\$18,710,628	39
The College of New Jersey	---	---	The College of New Jersey	---	---	The College of New Jersey	---	---	The College of New Jersey	---	---
University of Akron	---	---	University of Akron	---	---	University of Akron	---	---	University of Akron	---	---
University of Florida	---	---	University of Florida	---	---	University of Florida	---	---	University of Florida	---	---
University of New Orleans	---	---	University of New Orleans	---	---	University of New Orleans	---	---	University of New Orleans	---	---