

2014 ASCE/AISC Student Steel Bridge Competition Category Ranking Sheet

Version Date: 1/21/14

Competition: 2014 National Student Steel Bridge Competition  
 Location: University of Akron  
 Date: 23-24 May 2014

S - 5

Ineligibilities			Construction Speed			Lightness			Display		
Chapter	IE		Chapter	Time	Rank	Chapter	Weight	Rank	Chapter	Score	Rank
The College of New Jersey	DNP		Clemson University	5.88	1	University of California, Davis	79	1	Youngstown University	1	1
University of Southern California	DNP		New Mexico Institute of Mining and Technology	7.12	2	California Polytechnic, San Luis Obispo	91	2	Lakehead University	2	2
Arkansas State University	None		University of Missouri Science and Technology	7.27	3	University of California, Berkeley	96	3	Georgia Institute of Technology	3	3
California Polytechnic, Pomona	None		Worcester Polytechnic Institute	7.30	4	University of Wisconsin Madison	96	4	University of Wisconsin Madison	4	4
California Polytechnic, San Luis Obispo	None		SUNY Buffalo	8.12	5	University of Florida	103	5	Milwaukee School of Engineering	5	5
Clemson University	None		University of California, Berkeley	8.37	6	Massachusetts Institute of Technology	107	6	New Jersey Institute of Technology	6	6
Colorado School of Mines	None		University of California, Davis	8.95	7	Lafayette College	7	7	Oregon State University	7	7
École de technologie supérieure	None		New Jersey Institute of Technology	9.98	8	SUNY College of Technology at Canton	133	8	Southern Illinois University - Edwardsville	8	8
George Washington	None		Southern Polytechnic State University	10.12	9	SUNY Buffalo	136	9	South Dakota School of Mining and Technology	9	9
Georgia Institute of Technology	None		University of Florida	10.23	10	Texas A&M - College Station	137	10	University of Hawaii at Manoa	10	10
Kansas State University	None		California Polytechnic, San Luis Obispo	10.23	11	Oregon State University	137	11	University of British Columbia	11	11
Lafayette College	None		University of Wisconsin Madison	10.85	12	Southern Polytechnic State University	140	12	UT - San Antonio	12	12
Lakehead University	None		University of Pitt Johnstown	11.10	13	École de technologie supérieure	146	13	Colorado School of Mines	13	13
Massachusetts Institute of Technology	None		Georgia Institute of Technology	11.12	14	Georgia Institute of Technology	147	14	University of California, Davis	14	14
Michigan State University	None		Massachusetts Institute of Technology	11.30	15	Milwaukee School of Engineering	163	15	University of Central Florida	15	15
Milwaukee School of Engineering	None		École de technologie supérieure	11.60	16	Kansas State University	174	16	University of California, Berkeley	16	16
Minnesota State University, Mankato	None		SUNY College of Technology at Canton	11.83	17	University of Puerto Rico Mayagüez Campus	175	17	Minnesota State University, Mankato	17	17
New Jersey Institute of Technology	None		University of Connecticut	11.97	18	Colorado School of Mines	176	18	California Polytechnic, Pomona	18	18
New Mexico Institute of Mining and Technology	None		Michigan State University	12.37	19	University of Central Florida	181	19	Massachusetts Institute of Technology	19	19
Oregon State University	None		Western Kentucky	12.57	20	University of British Columbia	182	20	Kansas State University	20	20
South Dakota School of Mining and Technology	None		Oregon State University	12.78	21	Western Kentucky	183	21	Michigan State University	21	21
Southern Illinois University - Edwardsville	None		University of British Columbia	13.20	22	Arkansas State University	190	22	Universidad Autonoma del Estado de Mexico	22	22
Southern Polytechnic State University	None		Southern Illinois University - Edwardsville	13.25	23	Clemson University	191	23	University of Pitt Johnstown	23	23
SUNY Buffalo	None		Kansas State University	13.37	24	New Jersey Institute of Technology	212	24	University of Florida	24	24
SUNY College of Technology at Canton	None		Lafayette College	13.92	25	Universidad Autonoma del Estado de Mexico	218	25	Washington State University	25	25
Texas A&M - College Station	None		Youngstown University	14.38	26	Michigan State University	224	26	Trine University	26	26
The Citadel	None		University of Central Florida	14.65	27	Washington State University	225	27	École de technologie supérieure	27	27
Trine University	None		Universidad Autonoma del Estado de Mexico	14.75	28	Youngstown University	239	28	Texas A&M - College Station	28	28
Universidad Autonoma del Estado de Mexico	None		University of Virginia	14.78	29	Lakehead University	248	29	University of Michigan	29	29
University of Akron	None		Colorado School of Mines	14.92	30	University of Pitt Johnstown	256	30	University of Puerto Rico Mayagüez Campus	30	30
University of British Columbia	None		California Polytechnic, Pomona	14.98	31	UT - San Antonio	267	31	California Polytechnic, San Luis Obispo	31	31
University of California, Berkeley	None		UT - San Antonio	15.07	32	University of Connecticut	267	32	Arkansas State University	32	32
University of California, Davis	None		University of Puerto Rico Mayagüez Campus	15.17	33	University of Akron	271	33	SUNY Buffalo	33	33
University of Central Florida	None		University of Michigan	16.82	34	New Mexico Institute of Mining and Technology	277	34	University of Missouri Science and Technology	34	34
University of Connecticut	None		University of Akron	17.20	35	University of Michigan	280	35	University of Connecticut	35	35
University of Florida	None		Trine University	17.28	36	Southern Illinois University - Edwardsville	284	36	The Citadel	36	36
University of Hawaii at Manoa	None		University of Hawaii at Manoa	18.03	37	Minnesota State University, Mankato	317	37	SUNY College of Technology at Canton	37	37
University of Michigan	None		Milwaukee School of Engineering	18.45	38	University of Hawaii at Manoa	334	38	Southern Polytechnic State University	38	38
University of Missouri Science and Technology	None		Lakehead University	18.72	39	University of Missouri Science and Technology	343	39	Western Kentucky	39	39
University of Pitt Johnstown	None		South Dakota School of Mining and Technology	18.85	40	Worcester Polytechnic Institute	348	40	Lafayette College	40	40
University of Puerto Rico Mayagüez Campus	None		Arkansas State University	19.63	41	University of Virginia	355	41	George Washington	41	41
University of Tennessee at Martin	None		Texas A&M - College Station	24.18	42	South Dakota School of Mining and Technology	369	42	Clemson University	42	42
University of Virginia	None		George Washington	26.03	43	Trine University	421	43	Worcester Polytechnic Institute	43	43
University of Wisconsin Madison	None		The Citadel	26.37	44	The Citadel	429	44	New Mexico Institute of Mining and Technology	44	44
UT - San Antonio	None		University of Tennessee at Martin	29.15	45	California Polytechnic, Pomona	462	45	University of Tennessee at Martin	45	45
Washington State University	None		Washington State University	31.57	46	George Washington	796	46	University of Virginia	46	46
Western Kentucky	None		Minnesota State University, Mankato	186.50	47	University of Tennessee at Martin	934	47	University of Akron	47	47
Worcester Polytechnic Institute	None		The College of New Jersey	---	---	The College of New Jersey	---	---	The College of New Jersey	---	---
Youngstown University	None		University of Southern California	---	---	University of Southern California	---	---	University of Southern California	---	---

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Stiffness			Economy			Efficiency			Overall		
Chapter	Agg Δ	Rank	Chapter	C <sub>c</sub>	Rank	Chapter	C <sub>s</sub>	Rank	Chapter	C <sub>c</sub> + C <sub>s</sub>	Rank
University of Hawaii at Manoa	0.546	1	Clemson University	\$882,500	1	University of California, Davis	\$2,368,000	1	University of California, Davis	\$4,158,000	1
Lafayette College	0.612	2	University of Missouri Science and Technology	\$1,090,000	2	University of Florida	\$2,738,000	2	Massachusetts Institute of Technology	\$4,560,000	2
University of Florida	0.678	3	New Mexico Institute of Mining and Technology	\$1,423,333	3	University of Wisconsin Madison	\$2,849,000	3	University of California, Berkeley	\$4,723,333	3
Massachusetts Institute of Technology	0.721	4	SUNY Buffalo	\$1,623,333	4	Massachusetts Institute of Technology	\$2,865,000	4	University of Florida	\$4,784,667	4
New Jersey Institute of Technology	0.753	5	University of Pitt Johnstown	\$1,665,000	5	Lafayette College	\$3,024,000	5	University of Wisconsin Madison	\$5,019,000	5
University of California, Davis	0.780	6	University of California, Berkeley	\$1,673,333	6	University of California, Berkeley	\$3,050,000	6	Lafayette College	\$5,111,500	6
University of Puerto Rico Mayagüez Campus	0.785	7	Massachusetts Institute of Technology	\$1,695,000	7	California Polytechnic, San Luis Obispo	\$3,408,000	7	California Polytechnic, San Luis Obispo	\$5,454,667	7
Lakehead University	0.792	8	École de technologie supérieure	\$1,740,000	8	École de technologie supérieure	\$3,764,000	8	École de technologie supérieure	\$5,504,000	8
University of Connecticut	0.809	9	University of California, Davis	\$1,790,000	9	Oregon State University	\$4,001,000	9	Oregon State University	\$6,557,667	9
École de technologie supérieure	0.840	10	University of British Columbia	\$1,980,000	10	Southern Polytechnic State University	\$4,232,000	10	SUNY Buffalo	\$6,558,333	10
California Polytechnic, Pomona	0.877	11	New Jersey Institute of Technology	\$1,996,667	11	SUNY College of Technology at Canton	\$4,256,000	11	Georgia Institute of Technology	\$6,816,333	11
Washington State University	0.888	12	Kansas State University	\$2,005,000	12	University of Puerto Rico Mayagüez Campus	\$4,293,000	12	New Jersey Institute of Technology	\$6,989,667	12
University of Wisconsin Madison	0.925	13	University of Florida	\$2,046,667	13	Milwaukee School of Engineering	\$4,348,000	13	SUNY College of Technology at Canton	\$7,214,333	13
Youngstown University	0.960	14	California Polytechnic, San Luis Obispo	\$2,046,667	14	Georgia Institute of Technology	\$4,593,000	14	Southern Polytechnic State University	\$7,267,000	14
Milwaukee School of Engineering	1.080	15	Lafayette College	\$2,087,500	15	University of Central Florida	\$4,751,000	15	University of Central Florida	\$7,681,000	15
South Dakota School of Mining and Technology	1.098	16	University of Wisconsin Madison	\$2,170,000	16	SUNY Buffalo	\$4,935,000	16	Lakehead University	\$8,563,500	16
University of Central Florida	1.135	17	Worcester Polytechnic Institute	\$2,190,000	17	New Jersey Institute of Technology	\$4,992,000	17	Colorado School of Mines	\$8,592,333	17
University of California, Berkeley	1.138	18	Georgia Institute of Technology	\$2,223,333	18	Washington State University	\$5,396,000	18	Youngstown University	\$8,624,667	18
Michigan State University	1.204	19	Western Kentucky	\$2,513,333	19	Colorado School of Mines	\$5,609,000	19	Michigan State University	\$8,771,667	19
UT - San Antonio	1.227	20	Oregon State University	\$2,556,667	20	Texas A&M - College Station	\$5,618,000	20	University of Puerto Rico Mayagüez Campus	\$8,843,000	20
Oregon State University	1.253	21	Lakehead University	\$2,807,500	21	Arkansas State University	\$5,630,000	21	Kansas State University	\$8,870,000	21
Southern Polytechnic State University	1.440	22	Youngstown University	\$2,876,667	22	Michigan State University	\$5,680,000	22	Milwaukee School of Engineering	\$8,960,500	22
University of Michigan	1.492	23	University of Central Florida	\$2,930,000	23	Youngstown University	\$5,748,000	23	UT - San Antonio	\$9,580,333	23
California Polytechnic, San Luis Obispo	1.588	24	SUNY College of Technology at Canton	\$2,958,333	24	Lakehead University	\$5,756,000	24	University of Pitt Johnstown	\$9,970,000	24
SUNY College of Technology at Canton	1.604	25	Colorado School of Mines	\$2,983,333	25	University of Connecticut	\$6,153,000	25	Washington State University	\$10,131,000	25
Georgia Institute of Technology	1.649	26	California Polytechnic, Pomona	\$2,996,667	26	Universidad Autonoma del Estado de Mexico	\$6,177,000	26	Clemson University	\$10,216,500	26
The Citadel	1.706	27	UT - San Antonio	\$3,013,333	27	UT - San Antonio	\$6,567,000	27	University of British Columbia	\$10,399,000	27
Universidad Autonoma del Estado de Mexico	1.813	28	Southern Polytechnic State University	\$3,035,000	28	Kansas State University	\$6,865,000	28	Texas A&M - College Station	\$10,454,667	28
Arkansas State University	1.834	29	Michigan State University	\$3,091,667	29	University of Michigan	\$7,092,000	29	University of Michigan	\$10,455,333	29
Colorado School of Mines	2.081	30	Southern Illinois University - Edwardsville	\$3,312,500	30	University of Hawaii at Manoa	\$7,234,000	30	Arkansas State University	\$10,538,333	30
SUNY Buffalo	2.207	31	University of Michigan	\$3,363,333	31	University of Pitt Johnstown	\$8,305,000	31	University of Connecticut	\$10,546,333	31
Minnesota State University, Mankato	2.572	32	University of Akron	\$3,440,000	32	Western Kentucky	\$8,324,000	32	Universidad Autonoma del Estado de Mexico	\$10,602,000	32
University of Tennessee at Martin	2.714	33	Trine University	\$3,456,667	33	University of British Columbia	\$8,419,000	33	New Mexico Institute of Mining and Technology	\$10,720,333	33
Texas A&M - College Station	2.874	34	University of Virginia	\$3,695,833	34	South Dakota School of Mining and Technology	\$8,478,000	34	Western Kentucky	\$10,837,333	34
George Washington	2.883	35	South Dakota School of Mining and Technology	\$3,770,000	35	Minnesota State University, Mankato	\$8,916,000	35	University of Missouri Science and Technology	\$10,874,000	35
University of Missouri Science and Technology	2.928	36	The Citadel	\$3,955,000	36	New Mexico Institute of Mining and Technology	\$9,297,000	36	South Dakota School of Mining and Technology	\$12,248,000	36
University of Virginia	3.003	37	University of Connecticut	\$4,393,333	37	Southern Illinois University - Edwardsville	\$9,330,000	37	Southern Illinois University - Edwardsville	\$12,642,500	37
University of Pitt Johnstown	3.181	38	Universidad Autonoma del Estado de Mexico	\$4,425,000	38	Clemson University	\$9,330,000	38	Worcester Polytechnic Institute	\$12,652,000	38
Kansas State University	3.377	39	University of Puerto Rico Mayagüez Campus	\$4,550,000	39	University of Missouri Science and Technology	\$9,784,000	39	California Polytechnic, Pomona	\$13,109,667	39
Worcester Polytechnic Institute	3.498	40	Milwaukee School of Engineering	\$4,612,500	40	University of Virginia	\$10,111,000	40	University of Akron	\$13,629,000	40
Southern Illinois University - Edwardsville	3.650	41	Washington State University	\$4,735,000	41	California Polytechnic, Pomona	\$10,113,000	41	University of Hawaii at Manoa	\$13,644,000	41
New Mexico Institute of Mining and Technology	3.753	42	Texas A&M - College Station	\$4,836,667	42	University of Akron	\$10,189,000	42	University of Virginia	\$13,806,833	42
Trine University	4.524	43	Arkansas State University	\$4,908,333	43	The Citadel	\$10,286,000	43	The Citadel	\$14,241,000	43
Western Kentucky	4.668	44	University of Tennessee at Martin	\$5,830,000	44	Worcester Polytechnic Institute	\$10,462,000	44	Trine University	\$16,404,667	44
University of Akron	4.773	45	University of Hawaii at Manoa	\$6,410,000	45	Trine University	\$12,948,000	45	George Washington	\$26,609,000	45
University of British Columbia	4.775	46	George Washington	\$7,810,000	46	George Washington	\$18,799,000	46	University of Tennessee at Martin	\$27,216,000	46
Clemson University	5.514	47	Minnesota State University, Mankato	\$9,300,000	47	University of Tennessee at Martin	\$21,386,000	47	Minnesota State University, Mankato	\$46,216,000	47
The College of New Jersey	---	---	The College of New Jersey	---	---	The College of New Jersey	---	---	The College of New Jersey	---	---
University of Southern California	---	---	University of Southern California	---	---	University of Southern California	---	---	University of Southern California	---	---