

2010 ASCE/AISC Student Steel Bridge Competition Category Ranking Sheet

Version Date: 4/12/2010

Competition: 2010 National Student Steel Bridge Competition
 Location: Purdue University
 Date: 28-29 May 2010

Ineligibilities		Construction Speed			Lightness			Display		
Chapter	IE	Chapter	Time	Rank	Chapter	Weight	Rank	Chapter	Score	Rank
Ecole de Technologie Superieure	12.4	North Dakota State University	3.12	1	Illinois Institute of Technology	142.4	1	Cal State University, Northridge	1	1
Cal Poly San Luis Obispo	None	Lakehead University	3.20	2	University of Hawaii, Manoa	144.2	2	Lakehead University	2	2
Cal State University, Northridge	None	UC Davis	3.73	3	UC Davis	166.8	3	University of Hawaii, Manoa	3	3
Citadel	None	Clemson	4.47	4	University of Akron	171.4	4	University of Texas - San Antonio	4	4
Clemson	None	University of Akron	4.87	5	North Dakota State University	177.0	5	North Dakota State University	5	5
Colorado School of Mines	None	University of Texas - San Antonio	5.03	6	UC Berkeley	177.4	6	University of Wyoming	6	6
Cooper Union	None	Universite Laval	5.27	7	Washington State University	192.6	7	Colorado School of Mines	7	7
Drexel University	None	UC Berkeley	5.28	8	Cal State University, Northridge	199.2	8	University of Akron	8	8
Florida International University	None	Lafayette College	5.56	9	Clemson	204.2	9	UC Berkeley	9	9
Howard University	None	University of Wisconsin-Madison	5.57	10	University of Central Florida	206.2	10	UC Davis	10	10
Illinois Institute of Technology	None	Massachusetts Institute of Technology	6.33	11	Lakehead University	209.6	11	University of Wisconsin-Madison	11	11
Kansas State University	None	Drexel University	6.45	12	University of Wyoming	210.4	12	Cal Poly San Luis Obispo	12	12
Lafayette College	None	New Jersey Institute of Technology	6.72	13	New Jersey Institute of Technology	214.2	13	Drexel University	13	13
Lakehead University	None	Cal Poly San Luis Obispo	7.17	14	University of Florida	220.0	14	New Jersey Institute of Technology	14	14
Louisiana Tech	None	University of Florida	7.38	15	South Dakota School of Mining and Technology	220.8	15	Youngstown State University	15	15
LSU	None	LSU	7.47	16	Massachusetts Institute of Technology	223.0	16	Universite Laval	16	16
Massachusetts Institute of Technology	None	Youngstown State University	8.03	17	Drexel University	223.4	17	Louisiana Tech	17	17
Michigan State University	None	Virginia Tech	8.07	18	Texas A&M - College Station	224.8	18	Illinois Institute of Technology	18	18
New Jersey Institute of Technology	None	University of Kansas	9.25	19	University of Idaho	232.4	19	LSU	19	19
North Dakota State University	None	Cal State University, Northridge	9.37	20	University of Michigan	232.4	20	University of Central Florida	20	20
Ohio State University	None	University of Hawaii, Manoa	9.96	21	Cal Poly San Luis Obispo	232.8	21	Ohio State University	21	21
Purdue University	None	Washington State University	10.21	22	University of Wisconsin-Madison	250.6	22	University of Kansas	22	22
Rowan University	None	Kansas State University	10.97	23	University of Connecticut	250.6	23	Clemson	23	23
South Dakota School of Mining and Technology	None	Ohio State University	11.03	24	Ohio State University	251.0	24	Texas A&M - College Station	24	24
Southern Illinois University Edwardsville	None	University of Central Florida	11.60	25	University at Buffalo	256.2	25	Massachusetts Institute of Technology	25	25
Texas A&M - College Station	None	University of Michigan	11.73	26	University of Kansas	260.2	26	University of Idaho	26	26
UC Berkeley	None	Illinois Institute of Technology	12.62	27	Florida International University	268.6	27	Southern Illinois University Edwardsville	27	27
UC Davis	None	University of Connecticut	12.62	28	University of Texas - San Antonio	274.6	28	Kansas State University	28	28
Universite Laval	None	South Dakota School of Mining and Technology	12.75	29	Lafayette College	288.6	29	Cooper Union	29	29
University at Buffalo	None	Colorado School of Mines	13.52	30	Southern Illinois University Edwardsville	304.8	30	University of Michigan	30	30
University of Akron	None	Cooper Union	14.08	31	LSU	323.8	31	South Dakota School of Mining and Technology	31	31
University of British Columbia	None	Louisiana Tech	14.12	32	Michigan State University	335.6	32	Washington State University	32	32
University of Central Florida	None	Florida International University	14.27	33	Kansas State University	340.4	33	Lafayette College	33	33
University of Connecticut	None	University of Illinois	14.75	34	Louisiana Tech	366.0	34	Citadel	34	34
University of Florida	None	University of Wyoming	14.87	35	Virginia Tech	371.0	35	University of Florida	35	35
University of Hawaii, Manoa	None	Texas A&M - College Station	15.03	36	University of British Columbia	385.2	36	University of British Columbia	36	36
University of Idaho	None	Southern Illinois University Edwardsville	18.81	37	Colorado School of Mines	401.4	37	University of Connecticut	37	37
University of Illinois	None	Purdue University	19.07	38	University of Illinois	407.0	38	Virginia Tech	38	38
University of Kansas	None	Michigan State University	19.57	39	Purdue University	440.0	39	University of Illinois	39	39
University of Michigan	None	University at Buffalo	23.65	40	Youngstown State University	447.4	40	Michigan State University	40	40
University of Texas - San Antonio	None	University of British Columbia	25.38	41	Universite Laval	448.4	41	Florida International University	41	41
University of Wisconsin-Madison	None	University of Idaho	27.62	42	Cooper Union	584.4	42	Purdue University	42	42
University of Wyoming	None	Rowan University	31.87	43	Rowan University	632.8	43	Rowan University	43	43
Virginia Tech	None	Citadel	182.50	44	Citadel	953.2	44	University at Buffalo	44	44
Washington State University	None	Howard University	190.25	45	Howard University	1172.4	45	Howard University	45	45
Youngstown State University	None	Ecole de Technologie Superieure	---	---	Ecole de Technologie Superieure	---	---	Ecole de Technologie Superieure	---	---

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Stiffness			Economy			Efficiency			Overall		
Chapter	Agg Δ	Rank	Chapter	C _c	Rank	Chapter	C _s	Rank	Chapter	C _c + C _s	Rank
UC Berkeley	0.55	1	North Dakota State University	\$673,333	1	UC Berkeley	\$1,200,405	1	North Dakota State University	\$2,182,682	1
Lafayette College	0.62	2	Lakehead University	\$690,000	2	University of Hawaii, Manoa	\$1,489,123	2	UC Berkeley	\$2,307,071	2
Massachusetts Institute of Technology	0.67	3	UC Davis	\$796,667	3	North Dakota State University	\$1,509,348	3	Lakehead University	\$2,515,641	3
Youngstown State University	0.72	4	University of Texas - San Antonio	\$805,000	4	Massachusetts Institute of Technology	\$1,556,005	4	UC Davis	\$2,647,703	4
North Dakota State University	0.76	5	Clemson	\$993,333	5	University of Akron	\$1,640,969	5	University of Akron	\$2,664,302	5
University of Florida	0.78	6	University of Akron	\$1,023,333	6	Washington State University	\$1,677,799	6	Massachusetts Institute of Technology	\$2,922,671	6
Michigan State University	0.80	7	University of Kansas	\$1,025,000	7	University of Florida	\$1,700,302	7	Lafayette College	\$3,172,737	7
University of Central Florida	0.82	8	Universite Laval	\$1,103,333	8	University of Central Florida	\$1,714,220	8	University of Florida	\$3,226,969	8
Washington State University	0.83	9	UC Berkeley	\$1,106,667	9	Lafayette College	\$1,733,154	9	Washington State University	\$3,309,049	9
University of Hawaii, Manoa	0.83	10	Massachusetts Institute of Technology	\$1,366,667	10	Drexel University	\$1,815,798	10	Drexel University	\$3,528,298	10
Drexel University	0.84	11	Lafayette College	\$1,439,583	11	Lakehead University	\$1,825,641	11	University of Central Florida	\$3,554,220	11
University of Akron	0.86	12	University of Wisconsin-Madison	\$1,441,667	12	UC Davis	\$1,851,037	12	Cal Poly San Luis Obispo	\$3,848,961	12
Lakehead University	0.88	13	University of Florida	\$1,526,667	13	University of Wyoming	\$2,160,481	13	University of Wisconsin-Madison	\$4,059,120	13
University of Illinois	0.89	14	Cal Poly San Luis Obispo	\$1,533,333	14	Michigan State University	\$2,196,225	14	LSU	\$4,078,350	14
UC Davis	0.99	15	LSU	\$1,543,333	15	Cal Poly San Luis Obispo	\$2,315,628	15	University of Hawaii, Manoa	\$4,078,707	15
LSU	1.02	16	Washington State University	\$1,631,250	16	University of Idaho	\$2,376,792	16	Clemson	\$4,220,571	16
Virginia Tech	1.03	17	Youngstown State University	\$1,706,667	17	Youngstown State University	\$2,519,676	17	Youngstown State University	\$4,226,342	17
University of Wyoming	1.07	18	Drexel University	\$1,712,500	18	LSU	\$2,535,017	18	University of Wyoming	\$4,440,481	18
Cal Poly San Luis Obispo	1.10	19	New Jersey Institute of Technology	\$1,729,167	19	University of Wisconsin-Madison	\$2,617,453	19	New Jersey Institute of Technology	\$4,612,229	19
University of Idaho	1.13	20	University of Michigan	\$1,810,000	20	University of Illinois	\$2,630,459	20	Virginia Tech	\$4,855,070	20
University of British Columbia	1.14	21	University of Central Florida	\$1,840,000	21	University at Buffalo	\$2,730,104	21	Cal State University, Northridge	\$5,354,194	21
University of Wisconsin-Madison	1.22	22	Cal State University, Northridge	\$1,923,333	22	Virginia Tech	\$2,738,403	22	University of Michigan	\$5,439,432	22
University at Buffalo	1.26	23	Virginia Tech	\$2,116,667	23	Texas A&M - College Station	\$2,798,226	23	Kansas State University	\$5,626,910	23
Southern Illinois University Edwardsville	1.28	24	Colorado School of Mines	\$2,127,500	24	New Jersey Institute of Technology	\$2,883,062	24	Texas A&M - College Station	\$5,853,226	24
Louisiana Tech	1.30	25	Kansas State University	\$2,243,333	25	Southern Illinois University Edwardsville	\$2,950,880	25	University of Connecticut	\$6,171,402	25
Florida International University	1.36	26	University of Wyoming	\$2,280,000	26	Florida International University	\$2,969,232	26	Louisiana Tech	\$6,172,167	26
Texas A&M - College Station	1.36	27	Ohio State University	\$2,306,667	27	University of British Columbia	\$2,993,744	27	Illinois Institute of Technology	\$6,282,520	27
Kansas State University	1.42	28	University of Hawaii, Manoa	\$2,589,583	28	Illinois Institute of Technology	\$3,078,353	28	University at Buffalo	\$6,327,604	28
New Jersey Institute of Technology	1.42	29	South Dakota School of Mining and Technology	\$2,600,000	29	Clemson	\$3,227,237	29	University of Illinois	\$6,417,959	29
Clemson	1.59	30	University of Connecticut	\$2,623,333	30	Louisiana Tech	\$3,248,834	30	University of Idaho	\$6,569,292	30
Illinois Institute of Technology	1.64	31	Louisiana Tech	\$2,923,333	31	Kansas State University	\$3,383,577	31	Ohio State University	\$6,593,392	31
University of Connecticut	1.65	32	Texas A&M - College Station	\$3,055,000	32	Cal State University, Northridge	\$3,430,860	32	Florida International University	\$6,635,899	32
Howard University	1.67	33	Illinois Institute of Technology	\$3,204,167	33	University of Connecticut	\$3,548,069	33	South Dakota School of Mining and Technology	\$6,923,236	33
Cal State University, Northridge	1.69	34	Cooper Union	\$3,570,833	34	University of Michigan	\$3,629,432	34	Colorado School of Mines	\$6,935,598	34
Citadel	1.70	35	University at Buffalo	\$3,597,500	35	Ohio State University	\$4,286,725	35	University of British Columbia	\$6,949,994	35
University of Michigan	1.72	36	Florida International University	\$3,666,667	36	South Dakota School of Mining and Technology	\$4,323,236	36	Michigan State University	\$7,137,891	36
Colorado School of Mines	1.92	37	University of Illinois	\$3,787,500	37	Colorado School of Mines	\$4,808,098	37	Southern Illinois University Edwardsville	\$7,752,963	37
Ohio State University	1.96	38	University of British Columbia	\$3,856,250	38	Citadel	\$6,465,597	38	University of Texas - San Antonio	\$7,808,182	38
South Dakota School of Mining and Technology	2.02	39	Purdue University	\$3,913,333	39	University of Texas - San Antonio	\$7,003,182	39	Universite Laval	\$8,477,174	39
Universite Laval	2.79	40	University of Idaho	\$4,192,500	40	Howard University	\$7,281,665	40	University of Kansas	\$9,572,359	40
University of Texas - San Antonio	2.89	41	Southern Illinois University Edwardsville	\$4,802,083	41	Universite Laval	\$7,373,840	41	Purdue University	\$13,316,283	41
Rowan University	2.99	42	Rowan University	\$4,880,000	42	University of Kansas	\$8,547,359	42	Rowan University	\$13,612,320	42
University of Kansas	3.40	43	Michigan State University	\$4,941,667	43	Rowan University	\$8,732,320	43	Cooper Union	\$14,197,442	43
Purdue University	3.44	44	Citadel	\$45,725,000	44	Purdue University	\$9,402,949	44	Citadel	\$52,190,597	44
Cooper Union	3.63	45	Howard University	\$57,275,000	45	Cooper Union	\$10,626,608	45	Howard University	\$64,556,665	45
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