

2011 ASCE/AISC Student Steel Bridge Competition Category Ranking Sheet

Version Date: 9/30/2010

Competition: National Student Steel Bridge Competition
 Location: Texas A&M University
 Date: 20-21 May 2011

Ineligibilities			Construction Speed			Lightness			Display		
Chapter	IE		Chapter	Time	Rank	Chapter	Weight	Rank	Chapter	Score	Rank
Arkansas State University	None		Lakehead University	4.74	1	Lakehead University	141	1	Georgia Institute of Technology	1	1
California Polytechnic State University, San Luis Obispo	None		Michigan Technological University	5.45	2	University of Hawaii at Manoa	156	2	University of Hawaii at Manoa	2	2
California State University, Long Beach	None		Suny College of Technology at Canton	6.17	3	Georgia Institute of Technology	162	3	California State University, Long Beach	3	3
Catholic University of America	None		San Jose State University	6.39	4	California Polytechnic State University, San Luis Obispo	167	4	Milwaukee School of Engineering	4	4
Colorado School of Mines	None		California Polytechnic State University, San Luis Obispo	7.27	5	Youngstown State University	183	5	South Dakota School of Mines and Technology	5	5
Drexel University	None		University of Alaska Fairbanks	7.38	6	University at Buffalo	186	6	Lakehead University	6	6
Geneva College	None		University of Hawaii at Manoa	7.79	7	Michigan Technological University	193	7	University of British Columbia	7	7
Georgia Institute of Technology	None		Georgia Institute of Technology	9.09	8	Iowa State University	197	8	California Polytechnic State University, San Luis Obispo	8	8
Iowa State University	None		Southern Polytechnic State University	9.10	9	Massachusetts Institute of Technology	199	9	Iowa State University	9	9
Kansas State University	None		Massachusetts Institute of Technology	9.48	10	Suny College of Technology at Canton	204	10	Wentworth Institute of Technology	10	10
Lafayette College	None		University at Buffalo	10.27	11	Texas A&M University	222	11	New Jersey Institute of Technology	11	11
Lakehead University	None		Colorado School of Mines	10.66	12	San Jose State University	230	12	University of Akron	12	12
Louisiana Tech University	None		Iowa State University	11.48	13	Colorado School of Mines	234	13	Youngstown State University	13	13
Massachusetts Institute of Technology	None		University of New Hampshire	11.57	14	University of Alaska Fairbanks	247	14	Texas A&M University	14	14
Michigan Technological University	None		Washington State University	12.26	15	Geneva College	249	15	University of Alaska Fairbanks	15	15
Milwaukee School of Engineering	None		Catholic University of America	12.65	16	University of Tennessee at Knoxville	270	16	University of California, Berkeley	16	16
New Jersey Institute of Technology	None		University of Michigan	12.68	17	University of Michigan	270	17	Michigan Technological University	17	17
Pennsylvania State University	None		Youngstown State University	14.22	18	Louisiana Tech University	275	18	University of Illinois at Chicago	18	18
San Jose State University	None		University of South Florida	14.28	19	University of Illinois at Chicago	296	19	University of Michigan	19	19
South Dakota School of Mines and Technology	None		California State University, Long Beach	14.28	20	University of New Hampshire	307	20	Drexel University	20	20
Southern Polytechnic State University	None		University of Texas - El Paso	14.55	21	University of Texas - El Paso	309	21	The Citadel	21	21
Suny College of Technology at Canton	None		University of Tennessee at Knoxville	15.06	22	Washington State University	331	22	Colorado School of Mines	22	22
Texas A&M University	None		University of Minnesota, Twin Cities	15.36	23	Wentworth Institute of Technology	335	23	Southern Polytechnic State University	23	23
The Citadel	None		Wentworth Institute of Technology	15.58	24	University of South Florida	367	24	University of Wisconsin - Madison	24	24
The Cooper Union	None		Utah State University	15.70	25	University of Minnesota, Twin Cities	372	25	Suny College of Technology at Canton	25	25
Universidad LaSalle Cuernavaca	None		Geneva College	16.43	26	Southern Polytechnic State University	380	26	University of New Hampshire	26	26
University at Buffalo	None		Louisiana Tech University	16.93	27	Arkansas State University	390	27	Utah State University	27	27
University of Akron	None		Texas A&M University	18.23	28	Utah State University	446	28	University of Texas - El Paso	28	28
University of Alaska Fairbanks	None		Kansas State University	18.38	29	Catholic University of America	503	29	Virginia Polytechnic And State University	29	29
University of British Columbia	None		Arkansas State University	20.53	30	California State University, Long Beach	525	30	University of Nebraska-Lincoln at Omaha	30	30
University of California, Berkeley	None		University of Illinois at Chicago	24.88	31	Kansas State University	567	31	Massachusetts Institute of Technology	31	31
University of Hawaii at Manoa	None		The Citadel	28.28	32	The Citadel	571	32	University of South Florida	32	32
University of Illinois at Chicago	None		University of California, Berkeley	34.18	33	University of Kansas	1011	33	University at Buffalo	33	33
University of Kansas	None		University of Wisconsin - Madison	36.91	34	Lafayette College	1045	34	University of Tennessee at Knoxville	34	34
University of Michigan	None		University of Akron	37.56	35	Drexel University	1047	35	Lafayette College	35	35
University of Minnesota, Twin Cities	None		University of Kansas	39.58	36	University of Akron	1062	36	Kansas State University	36	36
University of Nebraska-Lincoln at Omaha	None		University of British Columbia	40.81	37	University of British Columbia	1074	37	San Jose State University	37	37
University of New Hampshire	None		Milwaukee School of Engineering	40.99	38	Pennsylvania State University	1096	38	Catholic University of America	38	38
University of South Florida	None		Virginia Polytechnic And State University	42.60	39	University of California, Berkeley	1135	39	Pennsylvania State University	39	39
University of Tennessee at Knoxville	None		South Dakota School of Mines and Technology	43.00	40	South Dakota School of Mines and Technology	1155	40	Arkansas State University	40	40
University of Texas - Austin	None		Pennsylvania State University	43.07	41	University of Texas - Austin	1179	41	Kansas State University	41	41
University of Texas - El Paso	None		Drexel University	45.34	42	Virginia Polytechnic And State University	1183	42	University of Minnesota, Twin Cities	41	41
University of Wisconsin - Madison	None		Lafayette College	45.63	43	Milwaukee School of Engineering	1216	43	Washington State University	42	42
Utah State University	None		University of Nebraska-Lincoln at Omaha	48.27	44	University of Wisconsin - Madison	1226	44	Louisiana Tech University	43	43
Virginia Polytechnic And State University	None		New Jersey Institute of Technology	49.08	45	University of Wisconsin - Madison	1263	45	University of Texas - Austin	44	44
Washington State University	None		University of Texas - Austin	50.15	46	University of Nebraska-Lincoln at Omaha	1263	45	Geneva College	45	45
Wentworth Institute of Technology	None		The Cooper Union	50.50	47	New Jersey Institute of Technology	1271	46	University of Kansas	46	46
Youngstown State University	None		Universidad LaSalle Cuernavaca	51.33	48	Universidad LaSalle Cuernavaca	1439	47	The Cooper Union	47	47
						The Cooper Union	1738	48	Universidad LaSalle Cuernavaca	48	48

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Stiffness			Economy			Efficiency			Overall		
Chapter	Agg Δ	Rank	Chapter	C _c	Rank	Chapter	C _e	Rank	Chapter	C _c + C _e	Rank
University of Hawaii at Manoa	0.264	1	University of Alaska Fairbanks	\$1,137,500	1	Lakehead University	\$779,406	1	Lakehead University	\$2,024,822	1
Arkansas State University	0.264	2	Lakehead University	\$1,245,417	2	University of Hawaii at Manoa	\$786,775	2	Michigan Technological University	\$2,367,174	2
Suny College of Technology at Canton	0.292	3	Michigan Technological University	\$1,362,500	3	Michigan Technological University	\$1,004,674	3	Suny College of Technology at Canton	\$2,577,812	3
Kansas State University	0.300	4	Georgia Institute of Technology	\$1,393,750	4	Suny College of Technology at Canton	\$1,006,146	4	Georgia Institute of Technology	\$2,624,559	4
Lakehead University	0.319	5	Southern Polytechnic State University	\$1,425,000	5	California Polytechnic State University, San Luis Obispo	\$1,152,139	5	Massachusetts Institute of Technology	\$2,626,929	5
Wentworth Institute of Technology	0.320	6	Massachusetts Institute of Technology	\$1,452,500	6	Massachusetts Institute of Technology	\$1,174,429	6	California Polytechnic State University, San Luis Obispo	\$2,635,472	6
University of Illinois at Chicago	0.320	7	California Polytechnic State University, San Luis Obispo	\$1,483,333	7	Georgia Institute of Technology	\$1,230,809	7	University of Alaska Fairbanks	\$2,721,451	7
University of South Florida	0.321	8	Suny College of Technology at Canton	\$1,571,667	8	Texas A&M University	\$1,232,696	8	University of Hawaii at Manoa	\$2,764,691	8
Michigan Technological University	0.335	9	San Jose State University	\$1,657,917	9	San Jose State University	\$1,274,622	9	San Jose State University	\$2,932,539	9
Louisiana Tech University	0.338	10	University of New Hampshire	\$1,765,000	10	Louisiana Tech University	\$1,337,407	10	University of Michigan	\$3,580,798	10
University of Minnesota, Twin Cities	0.349	11	Washington State University	\$1,898,750	11	Louisiana Tech University	\$1,395,849	11	Colorado School of Mines	\$3,738,389	11
Utah State University	0.421	12	University of Michigan	\$1,932,500	12	University of Illinois at Chicago	\$1,401,223	12	Iowa State University	\$3,752,516	12
Texas A&M University	0.434	13	University of Hawaii at Manoa	\$1,977,917	13	Colorado School of Mines	\$1,546,722	13	University of New Hampshire	\$3,879,992	13
San Jose State University	0.445	14	Youngstown State University	\$2,162,500	14	Wentworth Institute of Technology	\$1,558,823	14	University of South Florida	\$3,885,892	14
Massachusetts Institute of Technology	0.462	15	Colorado School of Mines	\$2,191,667	15	University of Alaska Fairbanks	\$1,583,951	15	Washington State University	\$3,924,039	15
California Polytechnic State University, San Luis Obispo	0.546	16	University of South Florida	\$2,201,250	16	University of Michigan	\$1,648,298	16	Southern Polytechnic State University	\$3,967,071	16
University of Michigan	0.607	17	Iowa State University	\$2,356,667	17	University of South Florida	\$1,684,642	17	Youngstown State University	\$4,004,681	17
Georgia Institute of Technology	0.619	18	University of Minnesota, Twin Cities	\$2,363,750	18	University of Tennessee at Knoxville	\$1,713,870	18	University of Minnesota, Twin Cities	\$4,098,361	18
University of Alaska Fairbanks	0.626	19	University at Buffalo	\$2,596,667	19	Arkansas State University	\$1,724,375	19	Wentworth Institute of Technology	\$4,733,823	19
Iowa State University	0.636	20	Kansas State University	\$2,816,250	20	University of Minnesota, Twin Cities	\$1,734,611	20	University of Tennessee at Knoxville	\$4,755,537	20
Colorado School of Mines	0.638	21	University of Texas - El Paso	\$2,970,000	21	Youngstown State University	\$1,842,181	21	Louisiana Tech University	\$4,782,407	21
University of Tennessee at Knoxville	0.654	22	University of Tennessee at Knoxville	\$3,041,667	22	Washington State University	\$2,025,289	22	Texas A&M University	\$4,877,696	22
Washington State University	0.699	23	Catholic University of America	\$3,162,500	23	Utah State University	\$2,111,797	23	University at Buffalo	\$5,214,089	23
California State University, Long Beach	0.785	24	Wentworth Institute of Technology	\$3,175,000	24	University of New Hampshire	\$2,114,992	24	University of Texas - El Paso	\$5,224,659	24
University of New Hampshire	0.818	25	Geneva College	\$3,316,667	25	Geneva College	\$2,209,629	25	Kansas State University	\$5,283,030	25
Catholic University of America	0.863	26	Louisiana Tech University	\$3,445,000	26	University of Texas - El Paso	\$2,254,659	26	Geneva College	\$5,526,295	26
University of Texas - El Paso	0.897	27	California State University, Long Beach	\$3,600,833	27	Kansas State University	\$2,466,780	27	Arkansas State University	\$5,891,041	27
Southern Polytechnic State University	0.899	28	Texas A&M University	\$3,645,000	28	Southern Polytechnic State University	\$2,542,071	28	Utah State University	\$6,096,797	28
The Citadel	0.943	29	Utah State University	\$3,985,000	29	University at Buffalo	\$2,617,423	29	Catholic University of America	\$6,137,350	29
Youngstown State University	0.949	30	Arkansas State University	\$4,166,667	30	California State University, Long Beach	\$2,934,614	30	California State University, Long Beach	\$6,535,447	30
Geneva College	1.008	31	University of Akron	\$5,663,750	31	Catholic University of America	\$2,974,850	31	University of Illinois at Chicago	\$7,652,057	31
University at Buffalo	1.345	32	The Citadel	\$5,716,667	32	The Citadel	\$3,383,676	32	The Citadel	\$9,100,343	32
Milwaukee School of Engineering	30.000	33	University of Kansas	\$5,967,500	33	University of Kansas	\$201,224,121	33	University of Akron	\$207,093,471	33
South Dakota School of Mines and Technology	30.000	34	University of British Columbia	\$6,151,250	34	Lafayette College	\$201,358,521	34	University of Kansas	\$207,191,621	34
University of British Columbia	30.000	35	University of Illinois at Chicago	\$6,250,833	35	Drexel University	\$201,368,921	35	University of British Columbia	\$207,626,571	35
New Jersey Institute of Technology	30.000	36	Drexel University	\$6,831,250	36	University of Akron	\$201,429,721	36	Drexel University	\$208,200,171	36
University of Akron	30.000	37	Lafayette College	\$6,845,000	37	University of British Columbia	\$201,475,321	37	Lafayette College	\$208,203,521	37
University of California, Berkeley	30.000	38	New Jersey Institute of Technology	\$7,422,500	38	Pennsylvania State University	\$201,564,121	38	New Jersey Institute of Technology	\$208,686,621	38
Drexel University	30.000	39	The Cooper Union	\$7,635,000	39	University of California, Berkeley	\$201,719,321	39	Pennsylvania State University	\$210,237,459	39
University of Wisconsin - Madison	30.000	40	Universidad LaSalle Cuernavaca	\$7,758,750	40	South Dakota School of Mines and Technology	\$201,801,721	40	University of California, Berkeley	\$210,295,154	40
Virginia Polytechnic And State University	30.000	41	University of California, Berkeley	\$8,575,833	41	University of Texas - Austin	\$201,897,721	41	Universidad LaSalle Cuernavaca	\$210,694,071	41
University of Nebraska-Lincoln at Omaha	30.000	42	Pennsylvania State University	\$8,673,333	42	Virginia Polytechnic And State University	\$201,911,321	42	University of Wisconsin - Madison	\$211,341,204	42
Lafayette College	30.000	43	University of Wisconsin - Madison	\$9,257,083	43	Milwaukee School of Engineering	\$202,043,321	43	The Cooper Union	\$211,767,121	43
Pennsylvania State University	30.000	44	University of Nebraska-Lincoln at Omaha	\$9,713,333	44	University of Wisconsin - Madison	\$202,084,121	44	University of Nebraska-Lincoln at Omaha	\$211,943,854	44
University of Texas - Austin	30.000	45	University of Texas - Austin	\$10,090,000	45	University of Nebraska-Lincoln at Omaha	\$202,230,521	45	University of Texas - Austin	\$211,987,721	45
University of Kansas	30.000	46	Milwaukee School of Engineering	\$10,277,917	46	New Jersey Institute of Technology	\$202,264,121	46	Milwaukee School of Engineering	\$212,321,237	46
The Cooper Union	30.000	47	Virginia Polytechnic And State University	\$10,710,000	47	Universidad LaSalle Cuernavaca	\$202,935,321	47	South Dakota School of Mines and Technology	\$212,551,721	47
Universidad LaSalle Cuernavaca	30.000	48	South Dakota School of Mines and Technology	\$10,750,000	48	The Cooper Union	\$204,132,121	48	Virginia Polytechnic And State University	\$212,621,321	48