

2019 AISC Student Steel Bridge Competition Category Ranking Sheet

Version Date: 03/24/2019

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Competition: Upstate NY Region Conference
Location: Rochester Institute of Technology
Date: April 19th, 2019

S = 2

Not Ranked			Construction Speed			Lightness			Aesthetics		
School		NR	School	Time	Rank	School	Weight	Rank	School	Score	Rank
Rochester Institute of Technology		11.5:	University at Buffalo	5.77	1	University at Buffalo	182	1	SUNY Polytechnic Institute	1	1
United State Military Academy		11.5:	SUNY Canton	7.12	2	Clarkson University	209	2	Rensselaer Polytechnic Institute	2	2
Clarkson University		None	SUNY Polytechnic Institute	14.22	3	SUNY Canton	271	3	Cornell	3	3
Cornell		None	Clarkson University	17.80	4	Rensselaer Polytechnic Institute	388	4	University at Buffalo	4	4
Rensselaer Polytechnic Institute		None	Rensselaer Polytechnic Institute	40.63	5	SUNY Polytechnic Institute	509	5	SUNY Canton	5	5
SUNY Canton		None	Cornell	184.00	6	Cornell	1056	6	Clarkson University	6	6
SUNY Polytechnic Institute		None	Rochester Institute of Technology	---	---	Rochester Institute of Technology	---	---	Rochester Institute of Technology	---	---
University at Buffalo		None	United State Military Academy	---	---	United State Military Academy	---	---	United State Military Academy	---	---

Stiffness			Economy			Efficiency			Overall		
School	Agg Δ	Rank	School	C _c	Rank	School	C _e	Rank	School	C _c + C _e	Rank
SUNY Canton	0.420	1	University at Buffalo	\$1,730,000	1	University at Buffalo	\$2,262,000	1	University at Buffalo	\$3,992,000	1
University at Buffalo	0.600	2	SUNY Canton	\$2,135,000	2	SUNY Canton	\$3,535,000	2	SUNY Canton	\$5,670,000	2
SUNY Polytechnic Institute	1.340	3	Clarkson University	\$4,272,000	3	Clarkson University	\$7,290,000	3	Clarkson University	\$11,562,000	3
Clarkson University	2.050	4	SUNY Polytechnic Institute	\$5,971,000	4	SUNY Polytechnic Institute	\$12,480,000	4	SUNY Polytechnic Institute	\$18,451,000	4
Cornell	2.100	5	Rensselaer Polytechnic Institute	\$19,504,000	5	Rensselaer Polytechnic Institute	\$13,830,000	5	Rensselaer Polytechnic Institute	\$33,334,000	5
Rensselaer Polytechnic Institute	2.690	6	Cornell	\$88,320,000	6	Cornell	\$28,617,500	6	Cornell	\$116,937,500	6
Rochester Institute of Technology	---	---	Rochester Institute of Technology	---	---	Rochester Institute of Technology	---	---	Rochester Institute of Technology	---	---
United State Military Academy	---	---	United State Military Academy	---	---	United State Military Academy	---	---	United State Military Academy	---	---