



Student Steel Bridge Competition - Category Ranking

Competition:	Upstate New York - Canada
Location:	Rochester, New York
Date:	Friday, April 10, 2026
Die Roll Result:	7

Not Ranked

Full Name	Loading Status	Ineligibility	Reason
Union College	Pass	3	Bridge is unsuitable for intended purpose
Clarkson University	Pass	10.8.2	Construction Time Limit Exceeded. 45 minutes
Cornell University	Pass	None	
Rochester Institute of Technology	Pass	None	
Syracuse University	Pass	None	
University at Buffalo	Pass	None	
SUNY College of Technology at Canton	Pass	None	
Rensselaer Polytechnic Institute	Pass	None	
SUNY Polytechnic Institute	Stopped	None	

Construction Speed

Full Name	Loading Status	Time (minutes)	Rank
University at Buffalo	Pass	10.33	1
Syracuse University	Pass	14.22	2
Rochester Institute of Technology	Pass	24.60	3
SUNY College of Technology at Canton	Pass	25.38	4
Cornell University	Pass	26.83	5
Rensselaer Polytechnic Institute	Pass	56.72	6
SUNY Polytechnic Institute	Stopped	203.75	7
Clarkson University	Pass	9999.00	NR
Union College	Pass	9999.00	NR

Lightness

Full Name	Loading Status	Weight (lbs)	Rank
University at Buffalo	Pass	253.8	1
SUNY College of Technology at Canton	Pass	301.1	2
Syracuse University	Pass	379.1	3
Rensselaer Polytechnic Institute	Pass	449.1	4
Rochester Institute of Technology	Pass	501.6	5
Cornell University	Pass	519.8	6
SUNY Polytechnic Institute	Stopped	859.8	7
Clarkson University	Pass	1418.4	NR
Union College	Pass	200.0	NR

Aesthetics

Full Name	Loading Status	Score	Rank
Syracuse University	Omitted	Omitted	1
Rensselaer Polytechnic Institute	Omitted	Omitted	2
University at Buffalo	Omitted	Omitted	3
Cornell University	Omitted	Omitted	4
Rochester Institute of Technology	Omitted	Omitted	5
Clarkson University	Omitted	Omitted	6
SUNY College of Technology at Canton	Omitted	Omitted	7
SUNY Polytechnic Institute	Omitted	Omitted	8

Union College	Omitted	Omitted	9
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Stiffness

Full Name	Loading Status	Agg D (in)	Rank
SUNY College of Technology at Canton	Pass	0.68	1
Cornell University	Pass	0.71	2
University at Buffalo	Pass	0.88	3
Rochester Institute of Technology	Pass	2.03	4
Rensselaer Polytechnic Institute	Pass	2.51	5
Syracuse University	Pass	3.35	6
SUNY Polytechnic Institute	Stopped	10.00	7
Clarkson University	Pass	0.53	NR
Union College	Pass	0.00	NR

Cost Estimate

Full Name	Loading Status	Estimate	Rank
University at Buffalo	Pass	\$ 1,420,260.96	1
Cornell University	Pass	\$ 1,968,740.82	2
SUNY College of Technology at Canton	Pass	\$ 4,596,751.48	3
Syracuse University	Pass	\$ 7,162,732.41	4
Rochester Institute of Technology	Pass	\$ 9,209,115.61	5
Rensselaer Polytechnic Institute	Pass	\$ 32,760,745.05	6
SUNY Polytechnic Institute	Stopped	\$ 181,452,962.71	7
Clarkson University	Pass	\$ 7,654,436,481.50	NR
Union College	Pass	\$ 7,680,106,000.00	NR

Economy

Full Name	Loading Status	Cc	Rank
University at Buffalo	Pass	\$ 5,007,166.67	1
Syracuse University	Pass	\$ 10,604,900.00	2
SUNY College of Technology at Canton	Pass	\$ 11,821,766.67	3
Rochester Institute of Technology	Pass	\$ 11,987,700.00	4
Cornell University	Pass	\$ 15,868,333.33	5
Rensselaer Polytechnic Institute	Pass	\$ 23,328,433.33	6
SUNY Polytechnic Institute	Stopped	\$ 146,552,500.00	7
Clarkson University	Pass	\$ 7,679,232,000.00	NR
Union College	Pass	\$ 7,679,232,000.00	NR

Efficiency

Full Name	Loading Status	Cs	Rank
SUNY College of Technology at Canton	Pass	\$ 4,043,434.81	1
University at Buffalo	Pass	\$ 4,515,398.15	2
Cornell University	Pass	\$ 5,792,773.71	3
Rochester Institute of Technology	Pass	\$ 10,360,898.67	4
Rensselaer Polytechnic Institute	Pass	\$ 22,307,311.71	5
Syracuse University	Pass	\$ 23,878,810.72	6
SUNY Polytechnic Institute	Stopped	\$ 64,440,273.71	7

Clarkson University	Pass	\$ 8,944,481.50	NR
Union College	Pass	\$ 875,000.00	NR

Overall

Full Name	Loading Status	Cc + Cs	Rank
University at Buffalo	Pass	\$ 9,522,564.82	1
SUNY College of Technology at Canton	Pass	\$ 15,865,201.48	2
Cornell University	Pass	\$ 21,661,107.04	3
Rochester Institute of Technology	Pass	\$ 22,348,598.67	4
Syracuse University	Pass	\$ 34,483,710.72	5
Rensselaer Polytechnic Institute	Pass	\$ 45,635,745.05	6
SUNY Polytechnic Institute	Stopped	\$ 210,992,773.71	7
Clarkson University	Pass	\$ 7,688,176,481.50	NR
Union College	Pass	\$ 7,680,107,000.00	NR

